T-10374

Address 10 Box 35	DESCRIPTION OF WATER RIGHT
Adams OR 97810 541 566-2010 541-969-9269 cell 541-566-2214 Fax Change in POA	Name of stream Wey Trib. of Wild Hose, Creek County of Umatile Use IR
Date filed	Quantity of water No. of acres
Date of hearing	Name of ditch
Place of hearing	Date of priority 1967 964
Date of order 4-14-08 Vol. 74, page 677	In name of Sameas Above
Date for application of water	Adjudication, Vol, page
Proof mailed	App. No. 63003 Per. No. 62798 Cert. No. 40891
Proof received COBW 10/6/2004 89276	Certificate cancelled —
Certificate issued JUN 0 6 2014 Vol, page 892 77	Notation made on record by
REMARI	KS
NOTO	
CWRE: David Agddock #300	
OFFIN HILL O O COOT YELL	

Name LiEuallen Ranch Inc

WATER RESOURCES DEPARTMENT

RECEIPT # 87219 725 Summer St. N.E. Ste. A SALEM. OR 97301-4172

SALEM, OR 97301-4172

INVOICE #_

CEIVED FRO	M: Lieual	14h 80	note Time	APPLICATION	
				PERMIT	
CU. C	UEOK-#	TUED (IDENTI	F10	TRANSFER	F-10374
SH: C	HECK:# 0	THER: (IDENTI	FY)	TOTAL REC'D	\$35000
					1.3.50
1083	TREASURY	4170 WF	RD MISC CASH A	CCT	
0407	COPIES				\$
/	OTHER: (II	DENTIFY)			\$
0243 I/S Le	ease 0244	Muni Water Mgr	mt. Plan 024	15 Cons. Water	
		4270 WF	D OPERATING A	ACCT	
	MISCELLANEOUS				
0407	COPY & TAPE FEE	S			\$
0410	RESEARCH FEES	-			\$
0408	MISC REVENUE:	(IDENTIFY)			\$
TC162	DEPOSIT LIAB. (ID	ENTIFY)			\$
0240	EXTENSION OF TH	ME			\$
	WATER RIGHTS:		EXAM FEE		RECORD FE
0201	SURFACE WATER		\$	0202	\$
0203	GROUND WATER		\$	0204	\$
0205	TRANSFER		\$ 350.00)	
	WELL CONSTRUC	TION	EXAM FEE		LICENSE FE
0218	WELL DRILL CONS	TRUCTOR	\$	0219	\$
	LANDOWNER'S PE	RMIT		0220	\$
	OTHER	(IDENTIFY)			
				DT EEE	
0536	TREASURY	0437 WE	LL CONST. STAI		
0211	WELL CONST STAF	RT FEE	\$	CARD #	
0210	MONITORING WEL	LS	S	CARD#	
	OTHER	(IDENTIFY) _			
0607	TREASURY	0467 HY	DRO ACTIVITY	LIC NUMBER	
0233	POWER LICENSE F	EE (FW/WRD)			\$
0231	HYDRO LICENSE F	EE (FW/WRD)			\$
	HYDRO APPLICATION	ON			\$
	TREASURY	OTI	HER / RDX		
FUND		TITLE			
OBJ. CODE		VENDOR #	-		\$
DESCRIPTI	ON			0	<u> </u>
				1	

Distribution - White Copy - Customer, Yellow Copy - Fiscal, Blue Copy - File, Buff Copy - Fiscal

COUNTY OF UMATILLA

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

LIEUALLEN RANCH INC. PO BOX 35 ADAMS OR 97810

confirms the right to use the waters of A WELL, within the WILDHORSE CREEK BASIN for IRRIGATION of 209.69 ACRES.

This right was perfected under Permit G-2798. The date of priority is DECEMBER 21, 1964. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 0.84 CUBIC FOOT PER SECOND, or its equivalent in case of rotation, measured at the well.

The well is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
3 N	34 E	WM	3	SE SE	80 FEET NORTH AND 20 FEET WEST
					FROM SE CORNER, SECTION 3

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second, or its equivalent for each acre irrigated, and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use is as follows:

Twp	Rng	Mer	Sec	Q-Q	GLot	Acres
3 N	34 E	WM	3	NE SW		39.48
3 N	34 E	WM	3	NW SW	6	13.53
3 N	34 E	WM	3	SW SW		13.78
3 N	34 E	WM	3	SE SW		39.53
3 N	34 E	WM	3	NE SE		13.99
3 N	34 E	WM	3	NW SE		22.84
3 N	34 E	WM	3	SW SE		31.56
3 N	34 E	WM	3	SE SE		34.98

The quantity of water diverted at the new point of appropriation (well), shall not exceed the quantity of water lawfully available from the original point of appropriation described as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
3 N	34 E	WM	3	NW SE	UMAT 1434 - 2340 FEET NORTH AND 2220 FEET WEST FROM SE CORNER,

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482. Pursuant to ORS 183.482, ORS 536.075 and OAR 137-003-0675, you may petition for judicial review and petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

T-10374-cf-40891.klk

Page 1 of 2

Certificate 89276

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
					SECTION 3

The water user shall maintain and operate the existing measurement device and shall make such improvements as may be required by the Department.

Water shall be acquired from the same aquifer (water source) as the original points of appropriation.

The right to the use of the water for the above purpose is restricted to beneficial use on the lands or place of use described.

This certificate is issued to confirm a change in POINT OF APPROPRIATION approved by an order of the Water Resources Director entered APRIL 14, 2008, at Special Order Volume 74, Page 677, approving Transfer Application 10374, supercedes Certificate 40891, State record of Water Right Certificates.

Issued **JUN 0 6** 2014

Dwight W. French

Administrator, Water Right Services, for

Phillip C. Ward, Director

Oregon Water Resources Department

COUNTY OF UMATILLA

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

LIEUALLEN RANCH INC. PO BOX 35 ADAMS OR 97810

confirms the right to use the waters of A WELL, within the WILDHORSE CREEK BASIN for IRRIGATION of 125.11 ACRES.

This right was perfected under Permit G-3770. The date of priority is AUGUST 3, 1967. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 0.84 CUBIC FOOT PER SECOND, or its equivalent in case of rotation, measured at the well.

The well is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
3 N	34 E	WM	3	SE SE	80 FEET NORTH AND 20 FEET WEST
					FROM SE CORNER, SECTION 3

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second, or its equivalent for each acre irrigated, and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use is as follows:

Twp	Rng	Mer	Sec	Q-Q	Acres
3 N	34 E	WM	10	NE NE	30.44
3 N	34 E	WM	10	NW NE	31.40
3 N	34 E	WM	10	SW NE	31.99
3 N	34 E	WM	10	SE NE	31.28

Water shall be acquired from the same aquifer as the original point of appropriation.

The quantity of water diverted at the new point of appropriation (well), shall not exceed the quantity of water lawfully available from the original point of appropriation described as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
3 N	34 E	WM	3	NW SE	UMAT 1434 - 2340 FEET NORTH AND 2220 FEET WEST FROM SE CORNER, SECTION 3

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482. Pursuant to ORS 183.482, ORS 536.075 and OAR 137-003-0675, you may petition for judicial review and petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

T-10374-cf-40900.klk

Page 1 of 2

Certificate 89277

The water user shall maintain and operate the existing measurement device and shall make such improvements as may be required by the Department.

Water shall be acquired from the same aquifer (water source) as the original points of appropriation.

The right to the use of the water for the above purpose is restricted to beneficial use on the lands or place of use described.

This certificate is issued to confirm a change in POINT OF APPROPRIATION approved by an order of the Water Resources Director entered APRIL 14, 2008, at Special Order Volume 74, Page 677, approving Transfer Application 10374, supercedes Certificate 40900, State record of Water Right Certificates.

Issued

JUN 06 2014

Dwight W. French

Administrator, Water Right Services, for

Phillip G. Ward, Director

Oregon Water Resources Department

COUNTY OF UMATILLA

CERTIFICATE OF WATER RIGHT

This Is to Certify, That LIEVALLEN RANCH, INC.

of Adams , State of Oregon , has made proof to the satisfaction of the STATE ENGINEER of Oregon, of a right to the use of the waters of a well

a tributary of Wildhorse Creek irrigation of 278-1 acres

for the purpose of

under Permit No. G_2798 of the State Engineer, and that said right to the use of said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from Pecember 21, 1964

that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed 0.84 cubic foot per second

or its equivalent in case of rotation, measured at the point of diversion from the stream. The point of diversion is located in the NWL SEL, Section 3, T. 3 N., R. 34 E., W. M., 2340 feet North and 2220 feet West from SE Corner, Section 3.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to one-eightieth of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3 acre feet per acre for each acre irrigated during the irrigation season of each year;

and shall

conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use under the right hereby confirmed, and to which such right is

appurtenant, is as follows:

38.9 acres NEt SWt
16.6 acres Lot 6 (NWt SWt)
37.8 acres SWt SWt
40.0 acres SEt SWt
30.8 acres NEt SEt
33.6 acres NWt SEt
40.0 acres SWt SEt
40.4 acres SEt SEt
Section 3
T. 3 N., R. 34 E., W. M.

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein described.

WITNESS the signature of the State Engineer, affixed

this date. September 19, 1974

Ghrie-Le-Wheeler State Engineer

Recorded in State Record of Water Right Certificates, Volume 32, page 40891

-#369/ Jose



COUNTY OF UNATILLA

CERTIFICATE OF WATER RIGHT

This Is to Certify, That LIEUALLEN RANCE, INC.

97810

of Adams , State of Oregon , has made proof to the satisfaction of the STATE ENGINEER of Oregon, of a right to the use of the waters of a well

a tributary of Wildhorse Creek irrigation of 159.3 acres

for the purpose of

under Permit No. G-3770 of the State Engineer, and that said right to the use of said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from August 3, 1967

that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed 0.84 cubic foot per second

or its equivalent in case of rotation, measured at the point of diversion from the stream. The point of diversion is located in the NML SEL, Section 3, T. 3 N., R. 34 E., W. H., 2340 feet North and 2220 feet West from SE Corner, Section 3.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to one-eightiath of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3 acre feet per acre for each acre irrigated during the irrigation season of each year;

and shall

conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use under the right hereby confirmed, and to which such right is appurtenant, is as follows:

39.6 acres NEt NEt
39.7 acres NMt NEt
40.0 acres SWt NEt
40.0 acres SEt NEt
Section 10
T. 3 Na, R. 34 E., W. Ma

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein described.

WITNESS the signature of the State Engineer, affixed

this date. September 19, 1974

Chris L. Wheeler

State Engineer

Recorded in State Record of Water Right Certificates, Volume 32, page 40900

7#3696 ...

BEFORE THE WATER RESOURCES DEPARTMENT OF THE STATE OF OREGON

In the Matter of Transfer Application)	FINAL ORDER
T-10374, Umatilla County)	APPROVING A CHANGE IN POINTS
)	OF APPROPRIATION

Authority

ORS 537.705 and 540.505 to 540.580 establish the process in which a water right holder may submit a request to transfer the point of appropriation, place of use, or character of use authorized under an existing water right. OAR Chapter 690, Division 380 implements the statutes and provides the Department's procedures and criteria for evaluating transfer applications.

Applicant

LIEUALLEN RANCH, INC. P.O. BOX 35 ADAMS, OREGON 97810

Findings of Fact

Background

- 1. On April 20, 2007, Lieuallen Ranch, Inc., filed an application to change the points of appropriation under Certificates 40900 and 40891. The Department assigned the application number T-10374.
- 2. The first right to be transferred is as follows:

Certificate: 40900 in the name of Lieuallen Ranch, Inc., (perfected under Permit

G-3770)

Use: Irrigation of 159.3 acres

Priority Date: August 3, 1967

Rate: 0.84 cubic foot per second (cfs)

Limit/Duty: ONE-EIGHTIETH of one cubic foot per second per acre, limited to a

diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated

during the irrigation season of each year

Source: A well within the Wildhorse Creek Basin

This final order is subject to judicial review by the Court of Appeals under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482(1). Pursuant to ORS 536.075 and OAR 137-003-0675, you may petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Authorized Point of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Survey Coordinates
3 N	34 E	WM	3	NW SE	(UMAT 1434) - 2340 feet North and 2220 feet West from the SE Corner of Section 3

Authorized Place of Use:

Twp	Rng	Mer	Sec	Q - Q	Acres
3 N	34 E	WM	10	NE NE	39.6
3 N	34 E	WM	10	NW NE	39.7
3 N	34 E	WM	10	SW NE	40.0
3 N	34 E	WM	10	SE NE	40.0

3. The second right to be transferred is as follows:

Certificate: 40891 in the name of Lieuallen Ranch, Inc., (perfected under Permit

G-2798)

Use: Irrigation of 278.1 acres

Priority Date: December 21, 1964

Rate: 0.84 cubic foot per second (cfs)

Limit/Duty: ONE-EIGHTIETH of one cubic foot per second per acre, limited to a

diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated

during the irrigation season of each year

Source: A well within the Wildhorse Creek Basin

Authorized Point of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Survey Coordinates
3 N	34 E	WM	3	NW SE	(UMAT 1434) - 2340 feet North and 2220 feet West from the SE Corner of Section 3

Authorized Place of Use:

	IRRIGATION							
Twp	Rng	Mer	Sec	Q - Q	G Lot	Acres		
3 N	34 E	WM	3	NE SW		38.9		
3 N	34 E	WM	3	NW SW	6	16.6		
3 N	34 E	WM	3	SW SW		37.8		
3 N	34 E	WM	3	SE SW		40.0		
3 N	34 E	WM	3	NE SE		30.8		
3 N	34 E	WM	3	NW SE		33.6		
3 N	34 E	WM	3	SW SE		40.0		
3 N.	34 E	WM	3	SE SE		40.4		

4. Application T-10374 proposes to change the point of appropriation of both water rights approximately 3100 feet southeast to a well located:

Twp	Rng	Mer	Sec	Q-Q	Survey Coordinates
3 N	34 E	WM	3	SE SE	(UMAT 1428) - 80 feet North and 20 feet West from the SE Corner of Section 3

- 5. Notice of the application for transfer was published on May 1, 2007, pursuant to OAR 690-380-4000. No comments were filed in response to the notice.
- 6. On January 18, 2008, the Department issued a draft of the preliminary determination proposing to approve Transfer Application T-10374. The draft Preliminary Determination requested written response from the applicant as to whether the draft is consistent with their intent in seeking the transfer. On January 22, 2008, the Department received written response from the applicant requesting that the Department proceed with issuance of a Preliminary Determination and provided the necessary information to demonstrate that the applicant is authorized to pursue the transfer.
- 7. On February 14, 2008, the Department issued a preliminary determination proposing to approve Transfer T-10374 and mailed a copy to the applicant. Additionally, notice of the preliminary determination for the transfer application was published on the Department's weekly notice on February 19, 2008, and in the East Oregonian newspaper on February 24, March 2 and 9, 2008, pursuant to ORS 540.520 and OAR 690-380-4020. No protests were filed in response to the notices.

Transfer Review Criteria (OAR 690-380-4010)

- 8. Water has been used within the last five years according to the terms and conditions of the rights, and there is no information in the record that would demonstrate that the rights are subject to forfeiture under ORS 540.610.
- 9. The Department has determined that the proposed point of appropriation (UMAT 1428) will develop the same source of water as the authorized point of appropriation (UMAT 1434), being the same well for both rights described in Findings of Fact No. 2 and 3 above.
- 10. A well, pump, pipeline, and sprinkler system sufficient to use the full amount of water allowed under both existing rights were present within the five-year period prior to submittal of Application T-10374.
- 11. The proposed change would not result in enlargement of the rights.
- 12. The proposed changes would not result in injury to other water rights.

Conclusions of Law

The change in points of appropriation proposed in application T-10374 is consistent with the requirements of ORS 537.705 and 540.505 to 540.580 and OAR 690-380-5000. If protests are not filed pursuant to OAR 690-380-4030, the application will be approved.

Now, therefore, it is ORDERED:

- The change in points of appropriation proposed in application T-10374 is approved.
- Water right certificates 40900 and 40891 are cancelled.
- 3. The right to the use of the water is restricted to beneficial use at the place of use described, and is subject to all other conditions and limitations contained in Certificates 40900 and 40891 and any related decree.
- 4. Water shall be acquired from the same aquifer (water source) as the original point of appropriation (UMAT 1434).
- 5. The quantity of water diverted at the new point of appropriation shall not exceed the quantity of water lawfully available at the original point of appropriation.
- The water user shall maintain and operate the existing measurement device and shall make such improvements as may be required by the Department.
- The approved changes shall be completed and full beneficial use of the water shall be made on or before October 1, 2009. A Claim of Beneficial Use prepared by a Certified Water Rights Examiner shall be submitted by the applicant to the Department within one year after the deadline for completion of the changes and full beneficial use of the water.
- When satisfactory proof of the completed changes is received, new certificates confirming the rights transferred will be issued.

Dated at Salem, Oregon this 14th day of april 2008.

Phillip C. Ward, Director

Mailing date: APR 2 5 2008

IN THE CIRCUIT COURT OF THE STATE OF OREGON FOR UMATILLA COUNTY

RECEIVED

MAR 2 0 2008

WATER RESOURCES DEPT SALEM, OREGON

STATE OF OREGON

County of Umatilla ss



I, <u>Dayle Stinson</u> being duly sworn, depose and say that I am the principal clerk of the publisher of the East Oregonian, a newspaper of general circulation, as defined by ORS 193.010 and 193.020; printed and published at Pendleton in the aforesaid county and state; that the

EO-3080- NOTICE OF PRELIMINARY DETERMINATION

a printed copy of which is hereto annexed; was published in the entire issue of said newspaper for <u>3</u> successive and consecutive issues in the following issues:

FEBRUARY 24, MARCH 2, 9, 2008

Subscribed and sworn to before me on this, ____13__ day of

MARCH, 2008

OFFICIAL SEAL
LUCY A HEARN
NOTARY PUBLIC-OREGON
COMMISSION NO. A411506
MY COMMISSION EXPIRES NOVEMBER 2, 2011

Notary Public of Oregon

NOTICE OF PRELIMINARY DETERMINATION for Water Right Transfer T-10374 T-10374 filed Lieuallen Ranch, Inc., P.O. Box 35, Adams, OR, 97810, proposes to change the points of appropriation under two existing water rights. Certificate 40900 (priority date of August 3, 1967) and Certificate 40891 (priority date of December 21, 1964) each allow the use of 0.84 cubic foot per second (cfs) from the same well located within the NW1/4SE1/4, Sec 3, T3N, R34E, W.M., within the Wildhorse Creek Basin, for irrigation in Sections 3 and 10. The applicant proposes to change the point of appropriation approximately 3100 feet southeast to a new well located within the SE1/4SE1/4, Section 3, for both rights. The Water Resources Department has concluded that the proposed transfer pears to be consistent with the requirements of ORS Chapters 537 and 540, and OAR 690-380-5000.

EC-3080

Any person may file, jointly or severally, with the Department a protest or statement within 30 days after the date of final publication of this notice in Department's the weekly notice or of this newspaper notice. whichever is later. A protest form and additional information on filing protests may be obtained by calling (503) 986-0881. The last date of newspaper publication is March 9, 2008. If no protests are filed, the Department will issue a final order consistent with the preliminary determination.

February 24, March 2, 9 2008

R 149 mg 1317

STATE OF OREGON

COUNTY OF

UNATILLA

127402

CERTIFICATE OF WATER RIGHT

This Is to Certify, That

LIEUALLEN RANCH INC.

of Box 15, Adams , State of OR 97810 , has made proof to the satisfaction of the Water Resources Director, of a right to the use of the waters of a well

a tributary of Wildhorse Creek for the purpose of irrigation of 160.0 acres and supplemental irrigation of 437.0 acres

under Permit No. G-7874 and that said right to the use of said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from

that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesald, is limited to an amount actually beneficially used for said purposes, and shall not exceed 3.5 cubic feet per second

or its equivalent in case of rotation, measured at the point of diversion from the well.

The well is located in the SE 1/4 SE 1/4, Section 3, T3N, R34E, WM; 80 feet North and 20 feet West from SE corner Section 3.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to one-eightiethof one cubic foot per second per acre.

or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year,

and shall

conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use under the right hereby confirmed, and to which such right is appurtenant, is as follows:

SEE NEXT PAGE

2/20/87

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Page two

R 149 MGE 1318

PRIMARY	SUPPLEMENTAL
40.0 acres NE 1/4 SE 1/4 40.0 acres NW 1/4 SE 1/4 40.0 acres SW 1/4 SE 1/4	38.9 acres NE 1/4 SW 1/4 16.6 acres Lot 6 (NW 1/4 SW 1/4)
40.0 acres SE 1/4 SE 1/4 40.0 acres SE 1/4 SE 1/4 Section 10	37.8 acres SW 1/4 SW 1/4 40.0 acres SE 1/4 SW 1/4 30.8 acres NE 1/4 SE 1/4 33.6 acres NW 1/4 SE 1/4 40.0 acres SW 1/4 SE 1/4 40.0 acres SE 1/4 SE 1/4
ζ ^h	Section 3 39.6 acres NE 1/4 NE 1/4 39.7 acres NW 1/4 NE 1/4 40.0 acres SW 1/4 NE 1/4 40.0 acres SE 1/4 NE 1/4 Section 10

Township 3 North, Range 34 East, MM

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein described.

WITNESS the signature of the Water Resources Director, affixed

this date. February 18, 1987

Ckalian N. Young

Toler Resources Director

Recorded in State Record of Water Right Certificates, Volume 51 , page 55726

8289D/SA G-8520



Water Resources Department North Mall Office Building 725 Summer Street NE, Suite A Salem, OR 97301-1271 503-986-0900

FAX 503-986-0904

Date Mailed: JUNE 6, 2014

NOTICE OF CERTIFICATE ISSUANCE

Attached is a certificate that confirms the water rights established under the terms of a transfer order issued by this Department.

This certificate is an order in other than a contested case. This order is subject to judicial review under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482. Pursuant to ORS 183.482, ORS 536.075 and OAR 137-003-0675, you may petition for judicial review and petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

This statement of judicial review rights is required under ORS 536.075; it does not alter or add to existing review rights or create review rights that are not otherwise provided by law.

The water must be controlled and not wasted. To change the location of the point of diversion, the character of use, or the location of use requires the advance approval of the Water Resources Director.

If you have any questions please contact Gerry Clark at 503-986-0811.

Mailing List for Transfer Certificate

Application: T-10374

Certificate: 89276 and 89277

Certificate/Transfer Holder: (include copy of map)

LIEUALLEN RANCH INC. PO BOX 35 ADAMS OR 97810

Copies of final Certificate to be sent to:

- 1. Watermaster # 5 (Include map)
- 2. Data Center
- 3. Water Availability
- 4. Vault
- 5. File

Copies Mailed

(SUPPORT STAFF)

on: JUN 0 6 2014

Other Persons to receive copies (proposed and/or final certificate: (Include map)
PER ASSESSORS OFFICE:

DAVID L HADDOCK, CWRE

Record Marking(s):

- 1. Original Application# G-4020
- 2. Old Certificate# 40900
- 3. Original Application# G-3003
- 4. Old Certificate# 40891~

Mailing List for Transfer Certificate

Application: T-10374

Certificate: PROPOSE

Certificate/Transfer Holder: (include copy of map)

LIEUALLEN RANCH INC. PO BOX 35 ADAMS OR 97810

Copies of final Certificate to be sent to:

- 1. Watermaster # 5 (Include map)
- 2. Data Center
- 3. Water Availability
- 4. Vault
- 5. File

Copies Mailed

(SUPPORT STAFF)

on: FEB **2** 8 2014

Other Persons to receive copies (proposed and/or final certificate: (Include map) PER ASSESSORS OFFICE:

DAVID L HADDOCK, CWRE

Record Marking(s):

- 1. Original Application# G-4020
- 2. Old Certificate# 40900
- 3. Original Application# G-3003
- 4. Old Certificate# 40891



Water Resources Department North Mall Office Building 725 Summer Street NE, Suite A Salem, OR 97301-1271 503-986-0900 FAX 503-986-0904

DATE MAILED: FEB 2 8 2014

NOTICE

Reference:

Transfer T-10374

Enclosed are <u>two proposed certificates</u> of water right and a map(s). The proposed certificates represents the extent water was used within the terms of an order approving the transfer based upon a Claim of Beneficial Use, prepared by a Certified Water Right Examiner, that either you or a previous transfer holder submitted.

The certificate is the final step in the water right process. The Department encourages you to review this proposal. If you do not agree with the proposed certificates, Oregon Administrative Rule 690-330-010 (2) allows the transferee or landowner 60 days from the mailing date of this notice to request the Department to reconsider the contents of the proposed certificates.

If you do not agree with the proposed certificates, Oregon Administrative Rule 690-380-6040 allows the transferee or landowner 60 days from the mailing date of this notice to request the Department to reconsider the contents of the proposed certificates.

If your name is not listed on the proposed certificates, and you are the current landowner, and would like to have the final certificates issued in your name, you may apply through the Department to have the transfer assigned to you. If you have any questions about the assignment process, please contact Jerry Sauter at 503-986-0817.

If you agree with the proposed certificates no response to this notice is required. Sometime after the 60 day period, a recommendation will be made to the Director to issue the certificates, and if the Director signs the certificates, the recorded certificates of water right will be mailed to you.

If you have any questions please contact Kerry Kavanagh at 503-986-0927 or Gerry Clark at 503-986-0811.

Sincerely,

Dwight French

Administrator

Water Rights Section

COUNTY OF UMATILLA

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

LIEUALLEN RANCH INC. PO BOX 35 ADAMS OR 97810

confirms the right to use the waters of A WELL, within the WILDHORSE CREEK BASIN for IRRIGATION of 125.11 ACRES.

This right was perfected under Permit G-3770. The date of priority is AUGUST 3, 1967. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 0.84 CUBIC FOOT PER SECOND, or its equivalent in case of rotation, measured at the well.

The well is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
3 N	34 E	WM	3	SE SE	80 FEET NORTH AND 20 FEET WEST FROM SE CORNER, SECTION 3

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second, or its equivalent for each acre irrigated, and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use is as follows:

Twp	Rng	Mer	Sec	Q-Q	Acres
3 N	34 E	WM	10	NE NE	30.44
3 N	34 E	WM	10	NW NE	31.40
3 N	34 E	WM	10	SW NE	31.99
3 N	34 E	WM	10	SE NE	31.28

Water shall be acquired from the same aquifer as the original point of appropriation.

The quantity of water diverted at the new point of appropriation (well), shall not exceed the quantity of water lawfully available from the original point of appropriation described as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
3 N	34 E	WM	3	NW SE	UMAT 1434 - 2340 FEET NORTH AND 2220 FEET WEST FROM SE CORNER, SECTION 3

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

This is an order in other than a contested case. This order is subject to judicial review under QRS 183 482. Any petition for judicial review must be filed within the 60-day time period specified by QRS 183 482. Pursuant to QRS 183.482, QRS 536.075 and QAR 137-003-0675, you may petition for judicial review and petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

T-10374-cf-40900.klk

Page 1 of 2

Certificate *****

89277

The water user shall maintain and operate the existing measurement device and shall make such improvements as may be required by the Department.

Water shall be acquired from the same aquifer (water source) as the original points of appropriation.

The right to the use of the water for the above purpose is restricted to beneficial use on the lands or place of use described.

This certificate is issued to confirm a change in POINT OF APPROPRIATION approved by an order of the Water Resources Director entered APRIL 14, 2008, at Special Order Volume 74, Page 677, approving Transfer Application 10374, supercedes Certificate 4000. State record of Water Right Certificates.

Issued _____

Dwight W. French Administrator, Water Right Services, for Phillip C. Ward, Director Oregon Water Resources Department

COUNTY OF UMATILLA

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

LIEUALLEN RANCH INC. PO BOX 35 ADAMS OR 97810

confirms the right to use the waters of A WELL, within the WILDHORSE CREEK BASIN for IRRIGATION of 209.69 ACRES.

This right was perfected under Permit G-2798. The date of priority is DECEMBER 21, 1964. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 0.84 CUBIC FOOT PER SECOND, or its equivalent in case of rotation, measured at the well.

The well is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
3 N	34 E	WM	3	SE SE	80 FEET NORTH AND 20 FEET WEST
					FROM SE CORNER, SECTION 3

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second, or its equivalent for each acre irrigated, and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use is as follows:

Twp	Rng	Mer	Sec	Q-Q	GLot	Acres
3 N	34 E	WM	3	NE SW		39.48
3 N	34 E	WM	3	NW SW	6	13.53
3 N	34 E	WM	3	SW SW		13.78
3 N	34 E	WM	3	SE SW		39.53
3 N	34 E	WM	3	NE SE		13.99
3 N	34 E	WM	3	NW SE		22.84
3 N	34 E	WM	3	SW SE		31.56
3 N	34 E	WM	3	SE SE		34.98

The quantity of water diverted at the new point of appropriation (well), shall not exceed the quantity of water lawfully available from the original point of appropriation described as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
3 N	34 E	WM	3	NW SE	UMAT 1434 - 2340 FEET NORTH AND 2220 FEET WEST FROM SE CORNER,

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482. Pursuant to ORS 183.482, ORS 536.075 and OAR 137-003-0675, you may petition for judicial equivalent to the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and find action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

T-10374-cf-40891.klk

Page 1 of 2

Certificate *****

89276

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
					SECTION 3

The water user shall maintain and operate the existing measurement device and shall make such improvements as may be required by the Department.

Water shall be acquired from the same aquifer (water source) as the original points of appropriation.

The right to the use of the water for the above purpose is restricted to beneficial use on the lands or place of use described.

This certificate is issued to contain a change in POINT OF APPROPRIATION approved by an order of the Water Resources Director entere APRIL 14, 2008, at Special Order Volume 74, Page 677, approving Transfer Application 10374, supercedes Certificate 40891, State record of Water Right Certificates.

Issued ______.

Dwight W. French Administrator, Water Right Services, for Phillip C. Ward, Director Oregon Water Resources Department

Completion Checklist for CWRE Claims of Beneficial Use



Date Received	10/6/2008
CWRE Name	David Haddock
Claim Logged	
File Marked _	*
Oversized Map	#
	copy of permit or transfer

\p	plication #
-	Permit #
	Transfer # <u>T / 037</u> 4
•	Date 10/10/8
	Reviewer C.U.

Map Review:	
Map on polyester film	
Application & permit #; or transfer #	
Disclaimer	
North arrow	
CWRE stamp and signature	
Appropriate scale (1" = 1320', 1" = 400', or the original full-size scale of the county assessor map)	
Township, range, section, and tax lot numbers	
Source illustrated if surface water	
Point(s) of diversion or appropriation (illustrated)	
Point(s) of diversion or appropriation (coordinates)	
Conveyance structures illustrated (pump, pipelines, ditches, etc.)	
Description of the location, in relation to the point of diversion or appropriation, of any fish screens, by-pass	
devices, and measuring devices required	
Place of use (1/4 1/4, or projected 1/4 1/4 lines within DLCs, or Gov Lots; if irrigation, # of acres in each	
subdivision; if for domestic or human consumption, location of dwelling or spigot)	
Checked to legal description	
Report Review:	
On form or format provided by the Department	
Application & permit #; or transfer #	
County	
Tax lot information	
Date of survey	
Person interviewed	
Ownership information	
Source(s) of water	
Point of diversion/appropriation location	
Use, period of use, and rate for use	
Place of use location	
Type of use	
Extent of use	
Rate and Duty	
Diversion rate for each use	
Description of conveyances system (from POD to POU)	
Diversion works description (pump make, serial model, capacity, and description)	
System capacity	
Calculated capacity of system (required)	
Measured amount of use (optional)	
Permit conditions	
Time limits	
Initial water level measurements	
Annual static water level measurements	
Measurement, recording, and reporting	
Meter/measuring device	
Water use reporting	
Fish screening and/or by-pass	
Pump test (ground water)	
Other conditions	
CWRE stamp and signature	
Signature(s) of permittee of transfer holder	
The state of the s	

Certificat	e Issuance Processing Checklist		
Conf	and COBU reviewed lict check (include copy of plat card printout) k current ownership	Any Conflicts?	
Staff Reco	ommendations:		· .
	Proof to the Satisfaction has been established order.	d to the full extent as describ	ed in the permit or transfer
****	Proof to the Satisfaction has been not been extransfer order and the right should be limited	l as follows:	
		shed for the following reason	
	Proposed Actions: Send letter requesting the following items/inf		
	Send letter recommending extension to cure	deficiencies:	
Can certificat	ie be processed further?Yes If "Yes":ProposedFinal Certificate	4	
Mailing list:			
Prope	osed:		
Final	:		

Oregon Water Resources Department 725 Summer St. NE, Suite A Salem, OR 97301-1266

CLAIM OF BENEFICIAL USE

The completion of this form is required by OAR 690-014-0110(4)

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. Every numbered item must have a response. If any requested information does not apply to this claim, insert "n/a." Do not delete any section of this form unless directed by the form. The Department may require the submittal of additional information from any water user or agent.

A seperate form shall be completed for each permit or transfer holder.

I. General Information

 File Information Application Number T-10374

Permit Number
Certificate 40900 and 40891

2. Property Owner (current owner information)

a. Individuals
Name
Mailing Address
City/State/Zip
Phone
Fax
e-mail

b. Business/Organizations

Name
Contact Person and Title
Mailing Address
City/State/Zip
Phone
Fax
e-mail

Lieuallen Ranch, Inc. Mr. Jim Lieuallen, President P. O. Box 35 Adams, OR, 97810 541-969-9269 541-566-2214 jimlieuallen@hotmail.com

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WATER RESOURCES DEPT
SALEM, OREGON

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If the current property owner is not the permittee or transfer holder of record, it is recommended that an assignment be filed with the Department. The COBU must be signed by the permit/transfer holder of record.

3. Permittee/Transferee of record (this may, or may not, be the current property owner)

c. Individuals

Individual 1

Individual 2

Name

Mailing Address City/State/Zip

d. Business/Organizations

Name

Lieuallen Ranch, Inc.

Contact Person and Title

Mr. Jim Lieuallen, President

Mailing Address

P. O. Box 35

City/State/Zip

Adams, OR, 97810

4. Date of Site Inspection:

June 9, 2008

5. Person(s) interviewed and description of their assocaiation with the project:

Name

Date

Association with the project.

Mr. Jim Lieuallen

June 9, 2008

President

6. County Umatilla

7. Tax Lot Information

Tax Map Number

Tax Lot Number

3N3403

300

3N34

5200

3N34

5100 part of the irrigation system, but not a part of T-10374

3N34

5300 part of the irrigation system, but not a part of T-10374

8. If any property described in the place of use of the permit or transfer final order is excluded from this report, identify the owner of record for that property (ORS 537.230(3)):

Name

Lieuallen Ranch, Inc.

Contact Person and Title

Mr. Jim Lieuallen, President

Mailing Address

P. O. Box 35

City/State/Zip

Adams, OR, 97810

Phone

541-969-9269

identified in T10474 are irrigated by the circles serving the

Not all of the acres

property.

Name

Contact Person and Title

Mailing Address

City/State/Zip

Phone

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II. Points of Diversion/Apprpriation and Place of Use

For each point of diversion or appropriation, provide the following information. If the claim is for more than one point of diversion/appropriation, copy and complete this section fo each point of diversion or appropriation.

1. Provide a general narrative of the distribution works. This description must trace the water system from the point of diversion or appropriation to an include the place of use. The water is appropriated at the well described in UMAT1428. The well is 980 feet deep with a submersible pump driven by a 200 HP on the well head. A 60 HP parallel centrifugal pump was present but not working. A McCrometer flow meter was working and indicted a pressure of 71 psi. The reading read 1378.99 acre feet at 11:04 AM and 1379.07 acre feet at 11:26 AM, for an output of about 1200 gpm or 2.67 cfs.

The system serves the following 5 sprinkler systems as shown on the map:

System

Name	Transfer	Certificate	Location	Tax Lot
Lower Hager	T-10374	G-2798	Section 3	300
Upper Hager	T-10374	G-2798	Section 3	300
Home	T-10374	G-7874	Section 10	5200
Carpenter	N/A		Section 10	5300
Coppock	N/A		Section 10	5100

The Upper Hager and the Carpenter circles were running at the time of the inspection. The systems were designed by Valmont Industries and installed by Farm More Pump and Irrigation of Athena, OR. Farm More is no longer in business.

From the well, a 12" steel main goes west 1320' to tee #1. (See attached sketch) From tee #1, a 10" steel main goes north 100' to wye#1. From wye#1, a 10" steel main goes north 900' to tee#2. From tee#2, a 6" pvc main goes east 390' to Hager, a true circle. From wye#1, a 6" pvc main goes northwesterly 2250' to the Lower Hager corner circle. The Lower Hager Circle is a large circle with a swing arm which allows it to irrigate a modified circle with a variable radius. From tee#1, a 10" steel main goes south 1460' to tee#3 at the center of the Carpenter 3 Circle. From tee#3, an 8" steel line goes south 2630' to the center of the Carpenter Circle. Carpenter 3 is a true circle. Also from tee#3, a 6" pvc line goes west 1420' to tee#4 at the edge of the Coppock irrigation system. From tee#4, a 6" pvc line goes north 1260'; another 6"pvc line runs south 1260'. The Home irrigation system runs laterally north and south along these lines irrigating a rectangular area.

The Valmont Industries design for these irrigation systems have the folowing criteria:

System	2.5			end gun	regulated	gpm per
Name	GPM	Length	Pivot psi	radius	outlet psi	acre
Lower Hager	800	1260	57	96	25	4.00
Upper Hager	300	947	60	53	25	4.00
Home	500	1298	75	54	25	4.00

2. Point of diversion/appropriation name or number (correspond to map):

Point of diversion/appropriation name or number (correspond to map)	Well log ID# for all work performed on the well	Well tag# (if applicable)

Well 80' north and 20' west of southeast corner UMAT UMAT Section 3, T. 3 N., R. 34 E., W. M. 1428 1428

Attach each well log available for the well (include the log for the original well and any subsequent alterations, reconstructions, and deepenings)

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3. Point of diversion/appropriation source and, if from surface water, the tributary: Source Tributary to N/A

4. Point of diversion/appropriation location: (DLC, Government Lot, 1/4 1/4 Section, Township, Range) Southeast corner Section 3, T. 3 N., R. 34 E., W. M.

Reference to a recognized public land survey corner by distance and bearing or by coordinates

Well is 80' North and 20' west.

Rate for use

5. Actual use(s), period of use, and rate for each use:

Uses

If irrigation, list crop type When water is used

Irrigation wheat, peas

T-10374

Up to 1500 gpm (3.34 cfs)

Total Quantity of Water

6. Place of use for the point of diversion or appropriation:

T-10374

1-103/4						
DLC Gov Lot 1/4 1/4	Section	Township	Range	Use	# of primary cfs	S
			Certificate	e 40900	acres	cfs
					irrigated	
NE NE	10	3 N	34 E	irrigation	30.44	0.38
NW NE	10	3N	34E	irrigation	31.40	0.39
SW NE	10	3N	34E	irrigation	31.99	0.40
SE NE	10	3N	34E	irrigation	31.29	0.39
			Cerificate	e 40891	125.11	1.56
NE SW	3	3N	34E	irrigation	39.48	0.49
NW SW	3	3N	34E	irrigation	13.53	0.17
SWSW	3	3N	34E	irrigation	13.78	0.17
SE SW	3	3N	34E	irrigation	39.53	0.49
NE SE	3	3N	34E	irrigation	13.99	0.17
NW SE	3	3N	34E	irrigation	22.84	0.29
SW SE	3	3N	34E	irrigation	31.56	0.39
SE SE	3	3N	34E	irrigation	34.98	0.44
				The second secon	209.69	2.61
			Total Acr	es Irrigated	334.80	4.17

1871 gpm

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Groundwater Source Information (Well and Sump)

**If the appropriation is not from ground water (well or sump), this section, items 1-5, can be deleted.

1. Describe the access port (type and location) or other means to measure the the water level in the well in the box below:

Airline Port

2. If well logs are not available, provide as much of the following information as possible:

Casing Casing Total Completion Date Completion Dates Who the well was Well drilled by Diameter Depth Depth of Original well of Alterations drilled for

See attached well log for UMAT1428

In addition to the information requested in item "2" above, provide any other information which may help the Department locate any well logs associated with with this appropriation.

Well Log Attached

** If the appropriation is not from a sump, the following section, items 3-4, can be deleted. Construction standards for sumps can be found in OAR 690-210-0400.

- If the appropriation involves a SUMP, provide the following information for each sump:
 Length Width Average diameter Maximum depth Surface area (in acres) Volume in cubic feet or acre feet
 N/A
- 4. If the sump is curbed constructed with watertight surface curbing, describe the curbing in the table below:

Curbing material (concrete, concrete tiles, or steel) If concrete, provide the thickness of the wall N/A

5. Provide sump volume calculations in the box below:

N/A

Reservoir Data

** If this claim is not for a reservoir, or the system does not involve a reservoir as part of the distribution system, this section, items 1-7, can be deleted.

1. If the reservoir required the submittal of as-built plans and specifications, complete the table below:

Have the documents

When were the

Have they been approved by the

been submitted?

documents submitted?

Department?

yes or no

N/A

2. If the reservoir stores less than 9.2 acre-feet of water or if the dam is less than 10 feet in height, and as built plans and specifications are not required, complete the table below.

Maximum depth

Average depth

Surface area (in acres) Volume on acre feet

N/A

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3.	Provide rese	ervoir volume calculation	ns in the box below	w:	
4.	Crest Dam	height at Distance from rline (H) downstream top of dam to		sical characteristics of the dam: Water level at Downstream Upstream inspection slope slope	
		Example Dam Profile	** This box can I	be deleted from the form	
		II	W	U	
		İ		water level	
		Downstream toe of dam 	H —	Upstream toe of dam	
		Natural Ground	Cut off trenc	Surface of bed of stream	
5.				s section of the dam at the maximum section d be drawn at a standard even scale.	
6.	Describe the N/A	outlet works (size and t	ype of the outlet o	conduit and location) in the box below:	
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7.	0 , ,	/ (dimensions an width (W)	d location) in the box b Top width (L)	elow: Spillway de	pth (H)			
	Spillway cross section at the spill	Spillway cross section at the spillway crest						
	Dam H							
	N/A							
	Storage tank data ** If this system does not include item 1, can be deleted. N/A	a storage tank a	as part of the distributio	n system, this se	ection,			
1.	If the system involved a storage of Material (concrete, fiberglass, months)			Above grou	nd or buried			
	** If this claim does not rely on a	low pipe system) gravity flow pipe)					
	system, this section, items 1-3, c	an be deleted.						
1.	If the system involves a gravity fle Pipe size Pipe type "C" factor A N/A			Computed rate o	fflow			
2.	Provide calculations in the box be N/A	elow.						
3.	If an actual measurement was taken, provide the following: Date of Measurement Who made the Measurement Method Measured quantity of wat measurement							
	N/A Attach measurements							
	Gravity flow canal or ditch	2000 1000 1000 1000	ment typically uses Ma	nning's formula	for canals			
	** If this claim does not rely on a distribution system, this section, i	T .	I or ditch to convey the	water as part of	the			
	COBU Version July 24, 2006	Page 6 of 14	ı RE	CEIVED	WTR			
			on:	0 6 2008				

 If the system involves a gravity canal or ditch, complete the table below. Canal or ditch type Top width of Bottom width of Depth "N" Amount Length of Slope Computed (material) canal or ditch canal or ditch factor of fall canal/ditch Volume N/A 2. Provide calculations in the box below: N/A If an actual measurement was taken, provide the following: Date of Who made the Measurement Measured quantity Measurement measurement method of water N/A Attach measurement notes System Information: Provide the following information concerning the diversion and delivery system. Trace the flow of water from the point of diversion/appropriation to the place of use. 1. Pump information Brand Model Serial Type (centrifugal, turbine Intake size Discharge size Number or submersible) submersible Motor information Brand Horsepower Max RPM Voltage Model GE 5K6278XH16A 200 1770 460 3. Meter information (if required in permit or transfer final order) Make Condition (working or not) Current meter reading Serial # **Notes McCrometer** 78-10-793 working 1379.07 ac ft 4. Measurement device description Condition (working or not) Device description **Notes McCrometer** working 5. Measured pump capacity (using meter if meter was present and system was operating) Initial meter reading Ending meter reading Duration of time Total pump output observed 1378.99 1379.07 20 minutes 0.08 acre feet

Theoretical pump capacity

200

Horsepower Operating psi Lift from source to pump

70

Lift from pump

Total pump

* If a well, the water level

to place of use

output

during pumping

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see pump test results)

806' pump to well head

83' fall

1.452 cfs

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7. Provide pump calculations in the box below:

cfs =	1379.07 - 1378.99	= 0.08 ac feet = 3484 cu ft =		1.452 cfs
	40 min x 60 sec/min	2400 sec	2400 sec	
Head =	(200 Hp)(7.04) =	970'		

Head = (200Hp)(7.04) =

1.452 cfs

Q pump = (200 Hp) (7.04) = 1.452 cfs

(806' lift + 164' pressure)

Pressure at circle = 83' fall + 164' pressure = 247' or 107 psi

Circles have pressure regulators to reduce pressures to pressure required by nozzle.

** This box can be deleted from the form

Q pump =
$$\frac{\text{(Hp)(550 ft lb/sec/HP)(efficiency)}}{\text{(62.4 lb/cu ft)(lift +press in feet)}}$$
 = (efficiency)(Hp) = cfs

in feet

or

Q pump = (Hp)(conversion factor) = cfs (lift + pressure)total head in feet

Conversion factors:

Centrifugal pump, 75% eff.
$$(550 \text{ ft lb/sec/Hp})(.75) = \text{ft /sec/ Hp}$$

(62.4 lb/cu ft)

Turbine & Submersible Pumps, 80% eff.
$$(550 \text{ ft lb/sec/Hp})(.80) = 7.04 \text{ ft /sec/ Hp}$$

(62.4 lb/cu ft)

Efficiencies have been assumed to be 75% for centrifugal pump installations and 80% for turbine or submersible pumps. See the list below of converted psi's to feet of head. These figures account for minor friction losses. If the system involves unusually long pipelines friction losses should be accounted for by using standard charts and formulas.

Refer to the conversion table below to compute PSI to head for pump pressure in feet.

[(psi/.433)(1.1) + head (in feet/psi) = 2.54 feet head/psi]

PSI	HEAD	PS	HEAD
25	63.5	55	139.7
30	76.2	60	152.4
35	88.9	65	165.1
40	101.6	70	177.8
45	114.3	75	190.5
50	127.0	80	203.2

8. Mainline information

Mainline size Length Type of Pipe
See Final Proof Survey Map
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Buried or above ground

Buried lines feed circles.

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9. Lateral or handline information

Lateral or handline size Length

ngth Type of pipe

Buried or above ground

VALMONT CIRCLES

3800'

6 5/8" Aluminum

Above ground

10. Sprinkler information

Make Model

Make and model: Size Open

Operating

Sprinkler

Maximum

Total

psi

output

number

sprinkler

used

output

Refer to the chart of sprinkler output at various pressures for most nozzle sizes attached to this document.

Q sprinklers =

(max # heads)(gpm/head) =

cfs

448.8 gpm/cfs

11. Additional notes or comments related to the system:

III. CONDITIONS

Please pay special attention to this section. All conditions contained in the permit or transfer final order shall be addressed. Reports that do not address all performance related conditions will be returned.

Special Order Volume 74, Page 680, Page 4 of 4, "Now therefor it is ORDERED:"

- 1. Point of appropriation changed from UMAT 1434 to well UMAT 1428.
- 2. Water right certificates 40900 and 40891 cancelled.
- 3. Right is use is restricted to beneficial use and all conditions and limitations of Certificates 40900 and 40891and related decrees.
- 4. Water to be acquired from same aguifer as UMAT 1434.
- 5. The quantity of water diverted shall not exceed the quantity lawfully available at at original point of appropriation.
- 6. The water user shall maintain and operate the existing measuring device and shall make such improvements as may be required by the Department.
- 7. The approved changes shall be completed and full beneficial use of the water shall be made on or before October 1, 2009.
- 8. When satisfactory proof of the completed changes is received, new certificates comfirming the rights transferred will be issued.

1. Time Limits:

a. Permits or transfer Final Orders contain any or all of the following dates; the date when the actual construction work was to begin, the date when the construction work was to be completed, and the date when the complete application of water to the proposed use is to completed by. These dates may be referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit or final tansfer order:

Dates from Date

accomplished

Description of actions taken by water use to comply with the time limits

permit or transfer final

order

Begin construction

Complete construction Complete application

Oct. 1, 09 Jun. 3, 08

All actions 1 through 8 above completed.

of water

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2. Initial Water Level Measurements:

** If the claim is for surface water or a reservoir, or if the water user was not required to submit static water level measurements, items b through e relating to this section can be deleted.

a. Was the water user required to submit an initial static water level measurement?

NO

N/A

b. What month was the initial measurement to be taken in?

N/A

c. Did an authorized individual (as stated in the permit or transfer final order) make the initial static water level measurement in the month required?

N/A

YES

NO

d. If "YES", was the measurement submitted to the Department?

YES

NO

N/A

e. If the initial measurement has not been submitted, provide that measurement now if available:

Date of measurement Who made measurement

Method

YES

Measurment

N/A

3. Annual Static Water Level Measurements:

** If the Claim is for surface water or a reservoir, or if the water user was not required to submit static water level measurements, items b through e relating to this section can be deleted.

a. Was the water user required to submit annual static water

NO

NA

level measurements?

N/A

b. In the box below, provide the month in which the static water level was to be made:

N/A

c. Were the static water level measurements taken in the month required? YES

NO

N/A

d. If "YES", were those measurements submitted to the Department?

YES

NO

N/A

e. If the annual measurements were not submitted, provide the measurements now in the box below:

Year

Month

Measurements made by Measurement

N/A

Measurement, recording, and reporting conditions:

a. Does the permit or transfer final order require the installation of a meter or approved measuring device? YES

If a meter or approved measuring device was required, the COBU map must indicate the location of the device in relation to the point of diversion or appropriation.

The measuring device is in line about 50' westerly of the well head for UMAT 1428.

** If "NO", items b through g relating to this section can be deleted.

b. Has a meter been installed?

YES

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c. Provide the date the meter was installed:		
d. If a meter has not been installed, has a suitaby the Department? YES NO N/A	ble measuring device been installed and	approved
e. If "YES", provide a copy of the letter approvir available provide the name and title of the Wate the measuring device, and the approximate dat Name Title	er Resources Department employee app	
f. Is the water user required to report the water	use to the Department?	NO
g. Have the reports been submitted?	YES NO	
If the reports have not been submitted, attach a N/A Fish Screening and/or By-pass Devices	copy of the reports if available.	
a. Are any points of diversion required to be scr fish from entering the point of diversion?	eened and/or have a by-pass device to p	orevent
If fish screening and/or by-pass devices were rein relation to the point of diversion. N/A	equired, the COBU map must indicate the	eir location
** If "NO", items b through i relating	to this section can be deleted	
b. Has the fish screening been installed?	N/A	
c. When was the fish screening installed? Date By whom N/A		
d. Is the total diversion rate of all rights at the po e. If the total diversion rate is less than 0.5 cfs, h		N/A
the fish screen. f. Has a self certification form been previously s	ubmitted to the Department?	N/A N/A
g. If not, is the self certification form attached toh. If the total diversion rate is greater than 0.5 cf		N/A N/A
i. Has water user previously submitted a letter fr	om ODFW approving the screening?	N/A
j. If not, is the approval letter attached to the Cla	im? N/A	
k. Has the by-pass device been installed?	N/A RECEIVED	
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	WATER RECOURAGE STATE	

SALEM, OREGON

5.

I. Describe the by-pass device:

When installed

By whom

Approved by ODFW

Description

N/A

6. Pump Test (Required for ground permits prior to issuance of a certificate, but not a requirement of permit development)

a. Did the permit require the submittal of a pump test?

NA

b. Has the pump test been previously submitted to the Department?

N/A

c. Has the pump test been approved by the Department?

NA

d. If no, is the pump test attached to the claim?

N/A

7. Other Permit Conditions (examples: special well construct standards, water conservation plans, no obstructions to fish without a fishway, etc.; number as appropriate.)

IV. Variations, Attachments, Conclusions, Map and Signatures

Variations

Include a description of variations from the permit or transfer order

Attachments

If you are attaching any documents to this report, provide a list below:

Attachment name

Description

COBU Map

Meets OWRD Requirements

Water Well Report

UMAT 1428, Permit G-7874

Spread sheets showing my version of Valmont Industries design.

Permit and Transfer Final Order and System Rates Comparisons:

POD or POA name allowed by

Maximum rate Calculated theoretical

of water

use

Actual amount Developed # of acresallowed # of acres

or#

by permit or

develor

permit or

rate of water measured

(if measured)

transfer final

order

system

UMAT 1428

4.17 CFS

1.452 cfs

334

334

transfer order based on

334

only 1 circle running at

time of

measurement

Claim of Beneficial Use Map

OCT 0 6 2008

SALEM OREGON

The Claim of Beneficial Use Map must be submitted with this Claim. Claims submitted wthout the the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320', 1" = 400', or the original full scale of the county assessor map for the location.

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In the following box, provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

The location of the well in relation to the corner monuments was measured using a Leica GPS System 200. The property lines were determined from various Umatilla County record surveys.

The locations of the circle centers and elevations were determined using the GOOGLE EARTH Internet Program.

The dimensions and water use of the Circles were taken from the Valmont Indudtries designs.

CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.

Seal and Signature



Permit ot Transfer Holders Signature or Acknowledgement

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.

Signature

Print or type name

Date

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WATER RESOURCES DEPT SALEM OREGON From: David Haddock

PO Box 1574

Pendleton, OR 97801

541-276-2174

To:

Lieuallen Ranch

June 10, 2008

Subject: Irrigation System Analysis for the Lieuallen Ranch

Located in Sections 3 and 10 of T.3N., R.34E., W. M.

Permitted under Certificate 40891, (G-2798) dated December 21, 1964.

Date: May 08, 2008

Examine Irrigation System

I visited the site with Mr. Jim Lieuallen on this date. The following is a description of the system configuration and functioning at the time of the inspection.

WELL

The system consists of well G-7874 completed April 10, 1978. The well, UMAT1428 is recorded as State Well No. 3N/34E, 3dd. The record says the well is 980' deep with a 16" casing to 18 feet and a 12" casing to 560 feet. The well log static water level was 278 feet. A well log pump test, at 1500 GPM, recorded a draw down of 162 feet after 8 hours.

The submersible turbine pump was installed by FARMORE in 1978. The pump was driven by a 200 HP GE motor, Model 5K6278XH16A, Service Factor 1.15, Type K, Code G, Frame B445TP20, 460 volts, 60 cycle, 3 phase, amp 230, speed 1770, Serial No. ANJ126103 with 60 degree rise. The motor is at the well head and the system was running at the time of the inspection.

A system of valves and controls is installed in line leaving the well. A parallel line booster pump was present but not working. The pump was a Motor Marathon Electric Model 364TSTDS70263W, 60 HP, Type TDS-BE, 3 phase, Serial No. 96853-431-13, 230/460volts, amps 146/73, Max AMB 40 degrees C class 3 ins, Duty cont, Pump Aurora No. 76-12623, centrifugal, Type 411 BP, size 5x15.

An in line pressure gauge indicted a pressure of 71 psi. This gauge was followed by an in line suction breaker, a in line flow control valve, and an in line filter.

A McCrometer flow meter (78-10-793) was in line and functioning. The meter range was 520 to 710 GPM. The reading at 11:04 AM was 1378.99 acre feet. The reading at 11:26 AM was 1379.07 acre feet. This computes to approximately 1200 gallons per minute.

This well serves five areas. A sketch is attached depicting these areas and the pipe line system serving them.

The "Upper Hager system is in the SE ¼ of Section 3 and is a common irrigation circle.

The "Carpenter" system is in the SE ¼ of Section 10 and is a common irrigation circle.

THE "Home" is in the NE ¼ of Section 10 and is a common irrigation circle. Since these systems are circles, they do not irrigate the "corner areas".



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The other two areas are described as follows.

The "Coppock" system is in the E $\frac{1}{2}$ of the NW $\frac{1}{4}$ of Section 10 and is a lateral moving system that effectively irrigates the entire area.

The "Lower Hager" system is a corner circle. This circle has an attached "arm" that folds in and out to partially conform to the lines of the property, thus irrigating an area which is not circular around the center.

The Upper Hager and the Carpenter circles were running at this time. Mr. Lieuallen reported the system could run with the Lower Hager Circle plus any one of the other circles. Or, the system could run with any three of the other areas except the Lower Hager circle.

Each area is served by a sprinkler system designed by Valmont Industries Inc. The designs have a disclaimer saying no allowance was made for terrain variations. All the sprinklers are regulated to function at 25 psi regardless of the pressure delivered to them.

The systems were installed by Pendleton Grain Growers.

May 21, 2008 Property Line ODOT Right of Way

I visted the site to determine the westerly line of the Lower Hager Circle. Record surveys did not effectively establish that boundary. The boundary was verified by finding and surveying the SHRW (shoulder highway right of way) pins easterly of Highway 11 along with the southeast and southwest corner monuments between Sections 3 and 10. Other boundaries were determined from record surveys obtained from the Umatilla County Surveyor's office.

June, 2008 Analysis of System and preparing CWRE report

The system was analyzed for each system working individually using a spread sheet format prepared by myself using standard formulas suggested by the Oregon Water Resources Department. Copies of these spread sheets are attached.

The analysis showed that each system would perform more than adequately to apply the irrigation water to the area served. Some combinations of two or more areas working at one time were tested and they did work as reported by Mr. Lieuallen.

David Haddock Oregon CWRE 300. P. O. Box 1574 Pendleton, OR 97801



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	Pump Typ	oe i	nersible		Pump Efficience	v	7.04													00	-	
System:					ACTIONS TO VALIDATIONS	•														UC	T 06	2008
Des-	q	d	C	L	A Q	R	V	S	h	Elev.	Cum.	psi										2000
cription	gpm	in.	HP	feet	sq. ft cfs	hyd.	ft/sec	ft/ft			Head	po.							9975	TED	DECOU	D050
Sub Pump	795.74	12.00	200	75.00	1.773	50 4 /500			1262.1		1258	544.8		VAI MO	וחמו דמ	USTRIES INC	CIRCLE	INSTAL	ED BY	HER	MESOU	RCES DEP
steel well pipe	795.74	4.50	110	976.00	0.110 1.773	0.09	16.05	0.269	262.4		556	240.6				KLER DESIG			ETON GRA	INSA	ATME DO	REGON
control system	795.74	4.00	110	40.00	0.087 1.773		20.32	0.477	8.1	0.0	548	237.1			0	CELIC DEGIG	IN.	PENDLE	I ON GRA	IIIV GR	OVVERS	ILGO
regulator	795.74	4.00	110	2.00	0.087 1.773		20.32	0.477	-383.2	0.0	164	71.2					*					a*- a
12" steel main		12.00	- 100 N.T.	1320.00	0.785 1.773	0.25		0.002		-91.0	252	109.3										distance
10" steel main		10.00	110	100.00	0.545 1.773	0.21	3.25	0.006	0.6	3.0	249	107.8	C	d in 64"	d in '	A ft sa	nci h	Cab O of	0 3-	!		from
6" pvc main	795.74	6.00		2250.00	0.196 1.773	0.13	9.03	0.042	95.3	-68.0	222	95.9	1 0.92	3.75	0.005		psi h	2gh Q cfs	Q gpm De			pivot
6.625" circle	795.74	6.63	110	32.40	0.239 1.773	0.14		0.041	1.3	20.0	200	86.7	2 0.92	3.75	0.005		56.7 130.9 56.5 130.5	91.8 0.0017 91.7 0.0017		0.71	0.000	32.40
6.625" circle	795.03	6.63	110	17.52	0.239 1.771	0.14	7.40	0.041	0.7	0.4	199	86.2	3 0.92	4.30	0.006		56.3 130.5	91.5 0.0023		0.71	-0.001	49.92
6.625" circle	794.10	6.63	110	16.84	0.239 1.769	0.14		0.041	0.7	0.4	198	85.8	4 0.92	4.87	0.006		56.1 129.6	91.3 0.0029		0.93	0.000	66.76
6.625" circle	792.91	6.63	110	17.52	0.239 1.767	0.14	7.38	0.041	0.7	0.4	197	85.3	5 0.92	5.34	0.007	0.0000318	55.9 129.1	91.2 0.0035		1.19	0.001	84.28
6.625" circle	791.48	6.63	110	18.00	0.239 1.764	0.14		0.040	0.7	0.4	196	84.8	6 0.92	5.73	0.007		55.6 128.4	90.9 0.0040		1.43	-0.000	102.28
6.625" circle	789.84	6.63	110	17.94	0.239 1.760	0.14	7.35	0.040	0.7	0.4	195	84.3	7 0.92	6.09	0.008	0.0000494	55.4 127.9	90.8 0.0045		1.64	0.002	120.22
6.625" circle	787.99	6.63	110	18.00	0.239 1.756	0.14	7.33	0.040	0.7	0.4	194	83.9	8 0.92	6.41	0.008		55.2 127.5	90.6 0.0050		1.85	0.001	138.22
6.625" circle	785.94	6.63	110	18.00	0.239 1.751	0.14		0.040	0.7	0.4	193	83.4	9 0.92	6.70	0.009		55.0 127.0			2.05	-0.003	156.22
6.625" circle	783.71	6.63	110	18.30	0.239 1.746	0.14	7.29	0.040	0.7	0.4	191	82.9	10 0.92	6.88	0.009	0.0000598		90.4 0.0054		2.23	0.002	174.52
6.625" circle	781.36	6.63	110	18.00	0.239 1.741	0.14		0.040	0.7	0.4	190	82.4	11 0.92	6.99	0.009	0.0000651	54.8 126.6	90.3 0.0057		2.35	-0.001	192.52
6.625" circle		6.63	110	17.52	0.239 1.736	0.14	7.25	0.039	0.7	0.4	189	82.0	12 0.92	7.18	0.009		54.6 126.1	90.1 0.0059		2.42	0.001	210.04
6.625" circle		6.63	110	16.84	0.239 1.730	0.14	7.23	0.039	0.7	0.4	188	81.5	13 0.92	7.10	0.009		54.4 125.6	89.9 0.0062		2.55	-0.000	226.88
6.625" circle	773.62	6.63	110	17.52	0.239 1.724	0.14	7.20	0.039	0.7	0.4	187	81.1	14 0.92	7.71	0.010		54.2 125.2	89.8 0.0067		2.77	-0.001	244.40
6.625" circle	770.69	6.63	110	18.00	0.239 1.717	0.14	7.17	0.039	0.7	0.4	186	80.6	15 0.92	7.71	0.010		54.0 124.7	89.6 0.0071		2.93	-0.001	262.40
6.625" circle	767.65	6.63	110	17.94	0.239 1.710	0.14		0.038	0.7	0.4	185	80.1	16 0.92	8.01			53.8 124.2			3.04	-0.002	280.34
6.625" circle	764.50	6.63	110	18.00	0.239 1.703	0.14	7.12	0.038	0.7	0.4	184	79.7	17 0.92	8.22		0.0000854	53.6 123.8	89.3 0.0076		3.15	-0.000	298.34
6.625" circle	761.19	6.63	110	18.00	0.239 1.696	0.14	7.09	0.038	0.7	0.4	183	79.2	18 0.92	8.46	0.011	0.00009	53.4 123.3	89.1 0.0080		3.31	0.001	316.34
6.625" circle	757.69	6.63	110	18.29	0.239 1.688	0.14	7.05	0.037	0.7	0.4	182	78.8	19 0.92	8.60	0.011		53.2 122.9	89.0 0.0085		3.50	0.000	334.63
6.625" circle	754.08	6.63	110	18.00	0.239 1.680	0.14	7.02	0.037	0.7	0.4	181	78.3	20 0.92	8.66		0.0000985	53.0 122.4	88.8 0.0087		3.61	0.000	352.63
6.625" circle	750.42	6.63	110	17.52	0.239 1.672	0.14	6.98	0.037	0.6	0.4	180	77.9	20 0.92	8.87			52.9 122.2	88.7 0.0089		3.66	-0.003	370.15
6.625" circle	746.59	6.63	110	16.84	0.239 1.664	0.14	6.95	0.036	0.6	0.4	179	77.4	22 0.92	9.23		0.0001048	52.7 121.7	88.5 0.0093		3.83	-0.000	386.99
6.625" circle	742.46	6.63	110	17.52	0.239 1.654	0.14		0.036	0.6	0.4	178	77.0	23 0.92	9.49		0.0001134	52.5 121.2			4.14	-0.001	404.51
6.625" circle	738.09	6.63	110	18.00	0.239 1.645	0.14	6.87	0.036	0.6	0.4	177	76.6		55.00		0.0001199	52.3 120.8	88.2 0.0106		4.37	-0.003	422.51
6.625" circle	733.53	6.63	110	17.94	0.239 1.634	0.14	6.83	0.035	0.6	0.4	176	76.1	24 0.92 25 0.92	9.71 9.92	0.013		52.1 120.3	88.0 0.0111		4.56	0.003	440.45
6.625" circle	728.77	6.63	110	18.00	0.239 1.624	0.14	6.78	0.035	0.6	0.4	175	75.7	26 0.92	10.16	0.013	0.000131	51.9 119.9	87.9 0.0115		4.75	0.004	458.45
6.625" circle	723.79	6.63	110	18.00	0.239 1.613	0.14	6.74	0.034	0.6	0.4	174	75.2	27 0.92	10.16	0.013	0.0001375	51.8 119.6	87.8 0.0121		4.98	0.001	476.45
6.625" circle	718.62	6.63	110	18.29	0.239 1.601	0.14		0.034	0.6	0.4	173	74.8	28 0.92	10.36	0.013		51.6 119.2			5.17	-0.000	494.74
6.625" circle	713.38	6.63	110	18.00	0.239 1.590	0.14	6.64	0.033	0.6	0.4	172	74.4	29 0.92	10.44			51.4 118.7	87.4 0.0127		5.24	-0.001	512.74
6.625" circle	708.13	6.63	110	17.52	0.239 1.578	0.14		0.033	0.6	0.4	171	74.0	30 0.92	10.40		0.0001457	51.2 118.2 51.1 118.0		100	5.25	-0.001	530.26
6.625" circle		6.63	110	16.84	0.239 1.566	0.14	6.54	0.032	0.5	0.4	170	73.6	31 0.92	10.02		0.0001502	50.9 117.6	87.2 0.0131		5.41	-0.004	547.10
6.625" circle	696.96	6.63	110	17.52	0.239 1.553	0.14	6.49	0.032	0.6	0.4	169	73.2	32 0.92	11.22	0.015		50.9 117.6	87.0 0.0140		5.77	-0.003	564.62
6.625" circle	690.95	6.63	110	18.00	0.239 1.540	0.14		0.031	0.6	0.4	168	72.8	33 0.92	11.42		0.0001737	50.6 116.9	86.8 0.0146		6.03	-0.020	582.62
6.625" circle	684.73	6.63	110	17.94	0.239 1.526	0.14	6.37	0.031	0.6	0.4	167	72.4	34 0.92	11.60	0.015			86.8 0.0151		6.22	0.000	600.56
6.625" circle	678.32	6.63	110	18.00	0.239 1.511	0.14	6.31	0.030	0.5	0.4	166	72.0	35 0.92	11.83		0.0001792	50.4 116.4	86.6 0.0155		6.41	-0.005	618.56
6.625" circle	671.67	6.63	110	18.00	0.239 1.497	0.14	6.25	0.030	0.5	0.4	165	71.6	36 0.92	12.00		0.0001864	50.3 116.2	86.5 0.0161		6.65	0.005	636.56
6.625" circle	664.83	6.63	110	18.29	0.239 1.481	0.14		0.029	0.5	0.4	164	71.2	37 0.92	12.05	0.016		50.1 115.7	86.3 0.0166		6.84	-0.006	654.85
6.625" circle		6.63	110	18.00	0.239 1.466	0.14		0.029	0.5	0.4	163	70.8					50.0 115.5	86.2 0.0167		6.88	0.004	672.85
6.625" circle	651.12	6.63	110	17.52	0.239 1.451	0.14	6.06	0.028	0.5	0.4	163	70.8	38 0.92 39 0.92	12.01 12.17		0.0001921	49.8 115.0	86.1 0.0165		6.83	-0.005	690.37
6.625" circle	644.12	6.63	110	16.84	0.239 1.435	0.14		0.028	0.5	0.4	162	70.4	40 0.92	12.17	0.016	0.0001972	49.7 114.8	86.0 0.0170		7.00	0.001	707.21
6.625" circle		6.63	110	17.52	0.239 1.419	0.14	5.93	0.028	0.5	0.4	161	69.7					49.5 114.3	85.8 0.0179		7.41	-0.004	724.73
6.625" circle	629.03	6.63	110	18.00	0.239 1.402	0.14	5.85	0.027	0.5	0.4	160	69.7	41 0.92	12.77		0.0002171	49.4 114.1	85.7 0.0186		7.69	-0.005	742.73
6.625" circle	621.16	6.63	110	17.94	0.239 1.384	0.14	5.78	0.026	0.5	0.4	159	68.9	42 0.92 43 0.92	12.93	0.017		49.3 113.9	85.6 0.0191		7.87	0.001	760.67
6.625" circle	613.08	6.63	110	18.00	0.239 1.366	0.14		0.025	0.5	0.4	158	68.6		13.11	0.017		49.1 113.4	85.5 0.0196		8.07	0.005	778.67
6.625" circle	604.77	6.63	110	18.00	0.239 1.348	0.14	5.63	0.025	0.5	500	158		44 0.92	13.31		0.0002359	49.0 113.2	85.4 0.0201		8.32	-0.005	796.67
6.625" circle	596.25	6.63	110	18.29	0.239 1.329	0.14	5.55	0.025	0.4	0.4	157	68.2	45 0.92	13.48	0.018	0.000242	48.9 112.9	85.3 0.0206		8.52	0.000	814.96
6.625" circle		6.63	110	18.00	0.239 1.329	0.14		0.024	0.4	7.00	157	67.8 67.5	46 0.92	13.49		0.0002423	48.7 112.5	85.1 0.0206		8.52	-0.005	832.96
0.020 0106	557.75	0.00	110	10.00	0.200 1.510	0.14	5.47	0.023	0.4	0.4	136	67.5	47 0.92	13.41	0.017	0.0002395	48.6 112.2	85.0 0.0204	8.41	8.41	-0.004	850.48

Color Property Property Color Property Proper	Des-	a	d	С	L	A Q	R	V	S	h	Elev.	Cum	psi	LOWER H	IAGER							
6.625 circle 57.33 6.83 110 17.52 0.239 1.291 0.14 5.33 0.022 0.4 0.4 155 67.2 48 0.021 3.35 0.018 0.0002264 48.5 11.20 5.6 0.021 5.5 0.5 0.02 58.8 4.8 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		gpm	in.		feet								po.			d in '	A ft sa	osi h	2nh Ocfs	O anm Jesian	diff	Divot
5.652 Frierle 5.77.7 6.563 110 1634 0.239 1.77 0.15 0.10 0.220 0.4 0.4 154 68.6 90 0.02 0.18 0.0002274 4.8 1115 8.4 0.0216 0.05 0.05 0.00	6.625" circle	579.33	6.63	110	17.52	0.239 1.291	0.14	5.39	0.023	040			67.2				The state of the s		•	•		STATE OF THE PARTY
5.83F cricle 53.00 63.00 110 18.00 0.239 1.180 0.14 5.00 0.190 0.1 4.516 0.10 0.10 0.10 0.10 0.1 0.1 0.1 0.1 0.1						0.239 1.272	0.14	5.31	0.022	0.4	0.4	154	66.8	49 0.92	13.93	0.018	0.0002584					
5.625° cricle 54.28° 6.58° 110 18.00 2.239° 1.290° 0.14 5.48° 0.070° 0.3 0.4 1.50° 5.58° 5.20° 22 14.68° 0.10° 0.0002258 4.01° 1.08° 4.05° 0.00° 0.00° 0.00° 5.00°			200000000000000000000000000000000000000		1000 0000000					0.4	0.4			50 0.92	14.16	0.018	0.000267	48.3 111.5	84.8 0.0226	9.34 9.34	0.003	
6.625° crinde - 53.00° 6.83 10 19.00 0.239 1.188 0.14 4.68 0.019 0.019 0.30 0.4 151 68.2 6.25 1.012 0.0102228 4.79 1.018 6.44 0.427 0.019 0.3 0.4 151 68.2 6.25 1.012 0.002228 4.79 1.018 6.44 0.019 0.3 0.4 151 68.2 6.25 1.012 0.002228 4.79 1.018 6.43 0.024 0.019 0.00228 4.79 1.018 6.40 0.027 0.00228 4.79 1.018 6.40 0.027 0.00228 4.79 1.018 6.40 0.00228 4.79 1.018 6.40 0.00228 4.79 1.018 6.40 0.00228 4.79 1.018 6.40 0.00228 4.79 1.018 6.625 0.00228 4.79 1.018 0.00228 0.00228 4.79 1.018 0.00228 4.79 1.018 0.00228 0.00228 4.79 1.018 0.00228 0.00228 4.79 1.018 0.00228 0.00							No. of Contract of	Sec. 2						51 0.92	14.31					9.53 9.53	0.003	
6.82F cricle 52.00 6.8 110 19.00 223 11.68 0.14 437 0.019 0.3 0.4 151 88.2 54 0.21 14.87 0.019 0.3 0.4 151 88.2 54 0.02 14.87 0.019 0.000227 47.8 110.8 44.0 0.027 10.15 10.15 0.000 578.0 58.0 58.0 58.0 58.0 58.0 58.0 58.0 5											30 - 12									9.72 9.73	-0.007	938.78
8.82F cricle 51.290 6.83 110 18.20 229 1.143 0.14 4.77 0.181 0.3 0.4 149 64.5 50.02 14.80 0.00937 47.3 110.4 83.0 0.0045 1.011 1.00 0.007 110.5 8.82 0.005 1.00 1.00 1.00 1.00 1.00 1.00 1.0																				10.00 10.00	-0.003	956.78
6.825 cricle 50.275 6.83 110 18.00 0.299 1.120 1.14 4.85 0.177 0.3 0.4 149 84.5 5.024 1.75 0.019 0.0002537 47.7 110.2 82.2 0.024 0.001 0.004 10.274 1.005 0.004 10.274 1.005 0.004 10.274 1.005 0.004 10.274 1.005 0.005 0.004 10.274 1.005 0.										363333	10000		33 G 6 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									
6.82F circle 46.27 6.83 10 17.52 0.298 1.089 0.14 4.59 0.017 0.3 0.4 149 94.3 57 0.02 14.85 0.099 0.000029 47.5 10.9 84.0 0.025 0.091 10.00 10.000039 47.5 10.9 84.0 0.025 0.091 10.09 10.09 0.09 10.0																						
8.625* circle 49.27 6.88 310 10, 16.84 0.29 10.75 0.14 4.96 0.16 0.3 0.4 147 63.5 60.02 15.70 0.0003237 47.5 1067 84.1 0.0229 11.00 10.00022 10.000337 47.8 10.000 10.00032 10.000337 47.8 10.000 10.00032 10.000337 47.8 10.000 10.00032 10.000337 47.8 10.00035 10.000337 47																						
6.825 circle 471.88 6.83 110 17.52 0.239 1.051 0.14 4.39 0.016 0.3 0.4 147 83.8 59 0.92 15.73 0.020 0.0003237 47.5 1907 84.1 0.0294 1.100 11.10 0.020 1003.8 6.825 circle 496.8 6.825 circle 496.8 6.83 110 17.96 0.239 1.002 14 4.19 0.014 0.3 0.4 147 83.5 80 0.92 15.72 0.0020 0.0003231 47.3 190.8 83.9 0.0276 11.40 11.39 0.006 1008.88 6.825 circle 496.8 6.83 110 18.00 0.239 0.857 0.14 4.89 0.014 0.2 0.4 145 82.9 82.9 18.00 1.002 0.000337 47.2 190.0 83.0 0.0227 11.39 11.80 0.003 11.80 0.239 0.857 0.14 4.89 0.014 0.2 0.4 145 82.9 82.9 18.002 0.000331 47.2 190.0 83.0 0.0227 11.39 11.80 0.003 11.80 0.239 0.858 0.14 3.75 0.012 0.003 11.80 0.00																						
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6.625 cricle 49686 6.83 110 17.94 0.239 1.002 0.14 4.19 0.014 0.3 0.4 146 6.32 el 10.92 15.72 0.020 0.003291 47.3 1002 83.9 0.0276 11.40 11.39 0.006 1008.88 0.626 circle 42656 6.85 110 18.20 0.239 0.977 0.14 4.97 0.014 0.2 0.4 145 62.7 89 0.92 16.05 0.021 0.00349 47.2 10.90 83.8 0.028 11.86 11.57 0.005 115.81 6.625 cricle 42656 6.85 110 18.20 0.239 0.971 0.14 3.80 0.012 0.0 0.4 144 62.7 89 0.92 16.05 0.021 0.00349 47.2 10.90 83.8 0.028 11.87 11.88 0.007 115.51 7.80 0.008 11.89 11.50 0.009 11.55 11.50 0.009 11.50 0.00	6.625" circle	460.87	6.63	110	18.00	0.239 1.027	0.14	4.29					3345 A 335									
6.625 circle 6.825 circle 6.82	6.625" circle	449.68	6.63	110	17.94	0.239 1.002					2000											
6.625 cricle 428.61 6.53 110 18.00 02.39 0.951 0.14 3.97 0.013 0.2 0.4 145 62.7 65 0.92 16.01 0.021 0.000343 47.1 108.8 83.7 0.028 11.87 11.88 0.007 11.55.17 6.625 cricle 3.917 6.8 11 0.15 0.023 0.88 0.14 3.75 0.012 0.2 0.4 144 62.2 65 0.92 15.37 0.020 0.000354 47.0 108.5 83.6 0.0230 11.88 11.87 11.89 0.005 115.71 0.000 11.89 11.80 11.79 0.005 115.71 0.000 11.89 11.80 11.79 0.005 115.71 0.000 11.89 11.80 11.79 0.005 115.71 0.000 11.89 11.80 11.79 0.005 115.71 0.000 11.89 11.80 11.79 0.005 11.89 11.80 11.79 0.005 11.89 11.80 11.79 0.005 11.89 11.80 11.79 0.005 11.89 11.80 11.79 0.005 11.89 11.80 11.79 0.005 11.89 11.80 11.79 0.005 11.89 11.80 11.79 0.005 11.89 11.80 11.79 0.005 11.80 11.80 11.79 0.005 11.80 11.80 11.79 0.005 11.80 11.80 11.79 0.005 11.80 11.80 11.79 0.005 11.80 11.80 11.80 0.003 11.80 11.80 11.80 0.003 11.80 11.80 11.80 0.003 11.80 11.80 11.80 0.003 11.80 11.80 11.80 0.003 11.80 11.80 11.80 0.003 11.80 11.80 11.80 0.003 11.80 11.80 11.80 0.003 11.80 11.80 11.80 0.003 11.80 11.80 11.80 0.003 11.80 11.80 11.80 0.003 11.80 11.80 11.80 0.003 11.80 11.80 11.80 0.003 11.80 0.003 11.80 0.003 11.80 0.003 11.80 0.003 11.80 0.003 11.80 0.003 11.80 0.003 11.80 0.003 11.80 0.003 11.80 0.003 11.80 0.003 11.80 0.003 11.80 0.003 11.80 0.003 11.80 0.003 11.80 0.003 11.8	6.625" circle	438.29	6.63	110	18.00	0.239 0.977	0.14	4.08	0.014	0.2	0.4	145	62.9	62 0.92								
6.622 forcine 414.74 6.63 110 18.00 239 0.989 0.14 3.86 0.012 0.2 0.4 1446 62.4 64 0.92 16.01 0.021 0.0003413 47.1 108.8 83.7 0.0288 11.80 11.79 0.005 117.85 17.6 6.622 forcine 391.37 683 110 17.52 0.239 0.887 0.14 3.84 0.011 0.2 0.4 143 61.9 86 0.92 15.37 0.021 0.0003554 47.0 108.5 83.6 0.0225 11.37 11.38 -0.006 117.6 86.222 forcine 391.37 683 110 17.52 0.239 0.872 0.14 3.84 0.011 0.2 0.4 142 61.7 67.0 67.0 11.5 15.5 0.021 0.0003554 47.0 108.5 83.6 0.0227 11.37 11.38 -0.006 117.6 86.222 forcine 395.43 68.3 110 18.0 12.3 0.007 0.1 0.4 142 61.4 14.5 80.32 11.5 15.5 0.021 0.0003554 45.9 108.3 83.5 0.0237 12.28 12.28 12.29 0.005 120.3 90.6 6.222 forcine 395.43 68.3 110 18.0 12.3 0.008 0.01 0.2 0.4 142 61.4 1.2 91.0 0.000 1.2 0.4 142 61.4 1.2 91.0 0.000 1.2 0.4 142 61.4 1.2 91.0 0.000 1.2 0.4 142 61.4 1.2 91.0 0.000 1.2 0.4 142 61.4 1.2 91.0 0.000 1.2 0.4 142 61.4 1.2 91.0 0.000 1.2 0.4 142 61.2 91.2 91.4 1.2 91.0 0.000 1.2 0.4 142 61.2 91.2 91.4 1.2 91.0 0.000 1.2 91.4 1.2 91.0 91.4 1.2 91.0 91.4 1.2 91.0 91.4 1.2 91.0 91.4 1.2 91.0 91.4 1.2 91.0 91.4 1.2 91.0 91.4 1.2 91.0 91.4 1.2 91.0 91.4 1.2	6.625" circle	426.61	6.63	110	18.00	0.239 0.951	0.14	3.97	0.013	0.2	0.4	145	62.7	63 0.92	16.05							
6.825 circle 402.95 6.83 110 18.00 0.239 0.879 0.14 3.75 0.012 0.2 0.4 14.4 62.2 65 0.92 15.87 0.021 0.0003354 47.0 108.5 83.6 0.0295 11.37 11.38 -0.003 1170.85 8.80 0.0295 11.37 11.38 -0.003 1170.85 8.80 0.0295 11.37 11.38 -0.005 1175.5 8.825 0.0295 11.37 11.38 -0.005 1175.5 8.825 0.0295 11.37 11.38 -0.005 1175.5 8.825 0.0295 11.37 11.38 -0.005 1175.5 8.825 0.0295 11.37 11.38 -0.005 1175.5 8.825 0.0295 11.37 11.38 -0.005 1175.5 8.825 0.0295 11.37 11.38 -0.005 1175.5 8.825 0.0295 11.37 11.38 -0.005 1175.5 8.825 0.0295 11.37 11.38 -0.005 1175.5 8.825 0.0295 11.37 11.37 11.38 -0.005 1175.5 8.825 0.0295 11.37 11.38 -0.005 1175.5 8.825 0.0295 11.37 11.38 -0.005 1175.5 8.825 0.0295 11.37 11.38 -0.005 11.37 11.38 -0.005 1175.5 8.825 0.0295 11.37 11.37 0.005 11.37 11.38 -0.005 11.37 11.38 -0.005 11.37 11.38 -0.005 11.37 11.38 -0.005 11.37 11.38 -0.005 11.37 11.38 -0.005 11.37 11.38 -0.005 11.37 11.38 -0.005 11.37 11.38 -0.005 11.37 11.38 -0.005 11.37 11.38 -0.005 11.37 11.38 -0.005 11.37 11.38 -0.005 11.37 11.38 -0.005 11.37 11.38 -0.005 11.37 11.38 -0.005 11.37 11.38 -0.005 11.37 11.38 0.005 11.37 11.38 0.005 11.37 11.38 0.005 11.37 11.37 11.38 0.005 11.37 11.38 0.005 11.37 11.38 0.005 11.37 11.37 11.38 0.005 11.37 11.37 11.38 0.005 11.37 11.37 11.38 0.005 11.37 1					18.28	0.239 0.924	0.14	3.86	0.012	0.2	0.4	144	62.4	64 0.92	16.01	0.021	0.0003413					
8.825 circle 391.37 6.83 110 17.52 0.239 0.87 0.14 3.54 0.010 0.2 0.4 142 61.9 66 0.92 15.73 0.020 0.0003254 46.9 10.5 85.6 0.0275 11.37 11.38 -0.006 11.57 11.57 -0.005 120.39 68.625 circle 388.43 6.83 110 16.83 0.239 0.87 0.14 3.45 0.010 0.2 0.4 142 61.4 68 0.52 16.57 0.021 0.0003254 46.9 10.3 83.5 0.0297 11.57 11.57 -0.005 120.39 68.625 circle 388.43 6.83 110 18.60 0.239 0.74 0.14 3.25 0.000 0.2 0.4 141 61.2 88 0.02 16.57 16.70 0.02 0.0003274 46.8 10.3 81.8 34.0 0.0311 12.64 12.24 0.001 12.68 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0			T Sp. 55		The state of the s					0.2	0.4	144	62.2	65 0.92	15.87	0.021	0.0003354	47.0 108.5	83.6 0.0280			
6.825 circle 388.43																0.020	0.0003295	47.0 108.5	83.6 0.0275	11.37 11.38	-0.006	
8.625° circle 358.16 6.83 110 18.94 0.239 0.754 0.14 3.20 0.009 0.2 0.4 141 810 2 89 0.02 18.73 0.022 0.0000777 88 8 108 18.4 0.0233 9.25 8 1.6 0.001 128.85 0 6.625° circle 333.89 6.63 110 18.00 0.239 0.74 0.14 3.01 0.008 0.1 0.4 140 60.8 71 0.92 14.20 0.010 0.002796 4.8 10.8 18.4 0.0233 9.25 8.8 0.001 128.85 0 6.625° circle 319.47 6.63 110 8.63 0.239 0.750 0.14 2.91 0.007 0.1 0.4 139 60.4 73 0.92 11.80 0.015 0.0001797 4.5 10.4 2.91 0.008 0.2 14.4 0.005 0.1 0.4 139 60.4 73 0.92 11.80 0.015 0.0001797 4.5 10.4 2.91 0.008 0.2 10.4 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2			_				and the later of				2000									11.57 11.57	-0.005	1203.96
6.625° circle 343.32 6.83 110 18.00 0.239 0.755 0.14 3.20 0.009 0.2 0.4 141 61.0 70 0.92 13.20 0.190 0.70002796 48.8 108.1 83.4 0.023 9.756 0.01 129.856 0.625° circle 325.83 6.63 110 8.61 0.239 0.726 0.14 3.11 0.008 0.1 0.4 140 60.6 72 0.92 11.89 0.015 0.0001879 45.2 10.44 22.0 0.015 0.0001879 45.2 10.44 25.0 0.015 0.0001879 45.2 10.44 25.1 10.42 28.9 0.015 0.0001879 45.2 10.45 0.0001879 45.2																					-0.005	1220.90
6.625° circle 33.86 6.83 110 8.81 0.299 0.724 0.14 3.17 0.006 0.1 0.4 140 60.8 71 0.92 13.20 0.017 0.000222 45.2 10.4 82.0 0.0190 7.85 7.88 0.005 6.85° circle 319.47 6.83 110 8.85 0.299 0.089 0.14 2.97 0.008 0.1 0.4 139 60.4 73 0.92 11.87 0.015 0.0001876 45.2 10.44 82.0 0.0154 6.85 6.83 0.009 0.12 0.14 1.25 0.008 0.1 0.4 139 60.4 73 0.92 11.87 0.015 0.0001876 45.1 10.4 2.8 19.0 0.15 4.2 0.0018 6.85 6.85 6.85 0.299 0.089 0.14 2.91 0.007 0.1 0.4 139 60.4 73 0.92 11.87 0.015 0.0001876 45.1 10.4 2.8 19.0 0.15 6.82 6.82 6.82 6.82 6.82 6.82 6.82 6.82																						
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6.625" circle 191.30 6.63 110 8.57 0.239 0.442 0.14 1.85 0.003 0.0 0.4 131 56.9 92 0.92 13.51 0.018 0.00243 44.8 103.5 81.6 0.0176 7.25 7.25 -0.000 1433.10 6.625" circle 191.30 6.63 110 9.63 0.239 0.426 0.14 1.78 0.003 0.0 0.4 131 56.9 92 0.92 13.51 0.018 0.00243 44.8 103.5 81.6 0.0198 8.19 8.19 0.001 1442.73 6.625" circle 175.86 6.63 110 8.41 0.239 0.392 0.14 1.64 0.002 0.0 0.4 131 56.5 94 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1459.65 6.625" circle 160.36 6.63 110 8.51 0.239 0.375 0.14 1.49 0.002 0.0 0.4 130 56.2 96 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1468.16 6.625" circle 152.61 6.63 110 8.51 0.239 0.340 0.14 1.42 0.002 0.0 0.4 129 56.0 97 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1476.67 6.625" circle 137.10 6.63 110 8.51 0.239 0.305 0.14 1.28 0.002 0.0 0.4 129 55.9 98 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1435.18 0.625" circle 137.10 6.63 110 8.51 0.239 0.305 0.14 1.28 0.002 0.0 0.4 129 55.9 98 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1435.18 0.625" circle 137.10 6.63 110 8.51 0.239 0.305 0.14 1.28 0.002 0.0 0.4 129 55.9 98 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1435.18 0.625" circle 137.10 6.63 110 8.51 0.239 0.305 0.14 1.28 0.002 0.0 0.4 129 55.9 98 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1435.18 0.625" circle 137.10 6.63 110 8.51 0.239 0.288 0.14 1.20 0.001 0.0 0.4 128 55.5 100 0.92 13.15 0.017 0.0002303 44.5 103.0 81.4 0.0188 7.77 7.74 0.003 1502.20 0.625" circle 129.36 6.63 110 8.51 0.239 0.237 0.14 0.99 0.001 0.0 0.4 127 55.0 103 0.92 14.39 0.019 0.0002757 44.5 102.8 81.4 0.0187 7.75 7.75 0.002 1537.73 0.625" circle 106.19 6.63 110 8.51 0.239 0.237 0.14 0.99 0.001 0.0 0.4 127 54.8 104 0.92 46.63 0.061 0.0028953 44.2 102.1 81.1 0.2348 96.93 96.90 0.0028 1.53 0.002 1.53 0.002 1.53 0.002 1.53 0.002 1.53 0.002 1.53 0.002 1.53 0.002 1.53 0.002 1.53 0.002 1.53 0.002 1.53 0.002 1.53 0.002 1.53 0.002 1.53 0.002 1.53 0.002 1.	6.625" circle	205.36	6.63	110	8.57	0.239 0.458	0.14	1.91	0.003	0.0	0.4	132										
6.625" circle 191.30 6.63 110 9.63 0.239 0.426 0.14 1.78 0.003 0.0 0.4 131 56.9 92 0.92 13.51 0.018 0.000243 44.8 103.5 81.6 0.0198 8.19 0.001 1442.73 0.625" circle 183.11 6.63 110 9.63 0.239 0.408 0.14 1.70 0.003 0.0 0.4 131 56.7 93 0.92 12.71 0.017 0.0002151 44.8 103.5 81.6 0.0176 7.25 7.25 -0.000 1451.14 0.625" circle 175.86 6.63 110 8.41 0.239 0.392 0.14 1.56 0.002 0.0 0.4 131 56.7 93 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1458.65 0.625" circle 160.36 6.63 110 8.51 0.239 0.357 0.14 1.49 0.002 0.0 0.4 130 56.4 95 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1458.16 0.625" circle 152.61 6.63 110 8.51 0.239 0.357 0.14 1.49 0.002 0.0 0.4 129 56.0 97 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1458.18 0.625" circle 144.85 6.63 110 8.51 0.239 0.323 0.14 1.35 0.002 0.0 0.4 129 55.9 98 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1458.18 0.625" circle 137.10 6.63 110 8.51 0.239 0.355 0.14 1.28 0.002 0.0 0.4 129 55.7 99 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1458.18 0.625" circle 129.36 6.63 110 8.51 0.239 0.235 0.14 1.28 0.002 0.0 0.4 129 55.7 99 0.92 13.15 0.017 0.0002303 44.6 103.0 81.4 0.0188 7.74 7.74 0.003 1502.20 0.625" circle 129.36 6.63 110 8.51 0.239 0.285 0.14 1.20 0.001 0.0 0.4 128 55.3 101 0.92 13.55 0.018 0.0002434 44.6 103.0 81.4 0.0188 7.74 7.74 0.003 1502.20 0.625" circle 129.36 6.63 110 8.51 0.239 0.253 0.14 1.30 0.001 0.0 0.4 128 55.3 101 0.92 13.15 0.017 0.0002303 44.5 102.8 81.4 0.0188 7.75 7.75 0.002 1557.73 0.625" circle 106.19 6.63 110 8.51 0.239 0.253 0.14 1.06 0.001 0.0 0.4 127 55.2 102 0.92 12.73 0.017 0.0002503 44.5 102.8 81.4 0.0176 7.25 7.25 0.002 1557.73 0.625" circle 106.19 6.63 110 8.51 0.239 0.237 0.14 0.99 0.001 0.0 0.4 127 55.0 103 0.92 14.39 0.019 0.0002757 44.5 102.8 81.4 0.0176 7.25 7.25 0.002 1557.73 0.625" circle 106.19 6.63 110 8.51 0.239 0.237 0.14 0.99 0.001 0.0 0.4 127 55.0 103 0.92 14.39 0.00 0.0002757 44.5 102.8 81.4 0.0176 7.25 7.25 0.002 1557.73 0.002			6.63	110	8.57	0.239 0.442	0.14	1.85	0.003	0.0	0.4	132	57.1	91 0.92	12.71							
6.625" circle 183.11 6.63 110 9.63 0.239 0.408 0.14 1.70 0.003 0.0 0.4 131 56.7 93 0.92 12.71 0.017 0.0002151 44.8 103.5 81.6 0.0176 7.25 7.25 -0.000 1451.14 0.625" circle 186.11 6.63 110 8.51 0.239 0.392 0.14 1.56 0.002 0.0 0.4 130 56.4 95 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1459.65 6.625" circle 160.36 6.63 110 8.51 0.239 0.357 0.14 1.49 0.002 0.0 0.4 130 56.2 96 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1458.16 6.625" circle 152.61 6.63 110 8.51 0.239 0.340 0.14 1.42 0.002 0.0 0.4 129 56.0 97 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1459.65 6.625" circle 144.85 6.63 110 8.51 0.239 0.330 0.14 1.35 0.002 0.0 0.4 129 55.9 98 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1458.18 6.625" circle 137.10 6.63 110 8.51 0.239 0.330 0.14 1.35 0.002 0.0 0.4 129 55.9 98 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1458.18 6.625" circle 137.10 6.63 110 8.51 0.239 0.305 0.14 1.28 0.002 0.0 0.4 129 55.7 99 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1458.18 6.625" circle 129.36 6.63 110 8.51 0.239 0.305 0.14 1.28 0.002 0.0 0.4 129 55.7 99 0.92 13.15 0.017 0.0002303 44.6 103.0 81.4 0.0188 7.75 7.75 0.002 1458.69 6.625" circle 129.36 6.63 110 8.51 0.239 0.258 0.14 1.05 0.001 0.0 0.4 128 55.5 100 0.92 13.55 0.018 0.0002434 44.6 103.0 81.4 0.0188 7.74 7.74 0.003 1502.20 150.71 1									0.003	0.0	0.4	131	56.9	92 0.92	13.51							
6.625" circle 168.11 6.63 110 8.51 0.239 0.375 0.14 1.56 0.002 0.0 0.4 130 56.4 95 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1458.16 6.625" circle 152.61 6.63 110 8.51 0.239 0.340 0.14 1.42 0.002 0.0 0.4 129 56.0 97 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1465.18 6.625" circle 144.85 6.63 110 8.51 0.239 0.323 0.14 1.35 0.002 0.0 0.4 129 55.9 98 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1465.18 6.625" circle 137.10 6.63 110 8.51 0.239 0.305 0.14 1.28 0.002 0.0 0.4 129 55.7 99 0.92 13.15 0.017 0.0002303 44.6 103.0 81.4 0.0188 7.75 7.75 0.002 1493.69 6.625" circle 129.36 6.63 110 8.51 0.239 0.288 0.14 1.20 0.001 0.0 0.4 128 55.5 100 0.92 13.55 0.018 0.002303 44.6 103.0 81.4 0.0188 7.74 7.74 0.003 1502.20 6.625" circle 129.36 6.63 110 8.51 0.239 0.288 0.14 1.06 0.001 0.0 0.4 128 55.3 101 0.92 13.15 0.017 0.0002303 44.5 102.8 81.4 0.0187 7.73 7.75 0.002 1493.69 6.625" circle 113.44 6.63 110 8.51 0.239 0.253 0.14 1.06 0.001 0.0 0.4 127 55.2 102 0.92 12.73 0.017 0.0002303 44.5 102.8 81.4 0.0187 7.73 7.75 0.002 153.13 0.019 0.0002303 44.5 102.8 81.4 0.0187 7.73 7.75 0.002 153.13 0.019 0.0002303 44.5 102.8 81.4 0.0187 7.73 7.75 0.002 1493.69 0.002 0.0 0.4 128 55.3 101 0.92 13.15 0.017 0.0002303 44.6 103.0 81.4 0.0188 7.74 7.74 0.003 1502.20 0.002														93 0.92	12.71					7.25 7.25	-0.000	
6.625" circle 160.36 6.63 110 8.51 0.239 0.357 0.14 1.49 0.002 0.0 0.4 130 56.2 96 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1465.18 6.625" circle 152.61 6.63 110 8.51 0.239 0.323 0.14 1.35 0.002 0.0 0.4 129 55.9 98 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1465.18 6.625" circle 137.10 6.63 110 8.51 0.239 0.305 0.14 1.28 0.002 0.0 0.4 129 55.7 99 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1465.18 6.625" circle 129.36 6.63 110 8.51 0.239 0.305 0.14 1.28 0.002 0.0 0.4 129 55.7 99 0.92 13.15 0.017 0.0002303 44.6 103.0 81.4 0.0188 7.74 7.74 0.003 1502.20 6.625" circle 129.36 6.63 110 8.51 0.239 0.288 0.14 1.20 0.001 0.0 0.4 128 55.5 100 0.92 13.52 0.018 0.0002434 44.6 103.0 81.4 0.0188 7.74 7.74 0.003 1502.20 6.625" circle 131.44 6.63 110 8.51 0.239 0.270 0.14 1.13 0.001 0.0 0.4 128 55.3 101 0.92 13.15 0.017 0.0002303 44.5 102.8 81.4 0.0187 7.73 7.75 0.002 1453.69 1.0 0.002434 44.6 103.0 81.4 0.0188 7.75 7.75 0.002 1453.69 1.0 0.002434 44.6 103.0 81.4 0.0188 7.74 7.74 0.003 1502.20 1.0 0.002434 44.6 103.0 81.4 0.0188 7.74 7.74 0.003 1502.20 1.0 0.002434 44.6 103.0 81.4 0.0188 7.74 7.74 0.003 1502.20 1.0 0.002434 1.0 0.00244.5 102.8 81.4 0.0187 7.73 7.75 7.75 0.002 1.0 0.002434 1.0																0.017	0.0002303	44.7 103.2	81.5 0.0188	7.75 7.75	0.002	
6.625" circle 152.61 6.63 110 8.51 0.239 0.340 0.14 1.42 0.002 0.0 0.4 129 56.0 97 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1465.67 1.0002 1.0002303 1.0002 1.0002303 1.0002 1.0002303 1.0002 1.0002303 1.0002 1.0002303 1.0002 1.0002303 1.0002 1.0002303 1.0002 1.0002303 1.0002 1.0002303 1.0002 1.0002303 1.0002 1.0002303 1.0002 1.0002303 1.0002 1.0002303 1.0002303 1.0002 1.0002303 1.0002 1.0002303 1.0002 1.0002303 1.0002 1.0002303 1.00002303 1.00002303 1.0002303 1.0002303 1.0002303 1.0002303 1.0002303 1.000230																		44.7 103.2	81.5 0.0188	7.75 7.75	0.002	1468.16
6.625" circle 144.85 6.63 110 8.51 0.239 0.323 0.14 1.35 0.002 0.0 0.4 129 55.9 98 0.92 13.15 0.017 0.0002303 44.7 103.2 81.5 0.0188 7.75 7.75 0.002 1493.69 6.625" circle 137.10 6.63 110 8.51 0.239 0.305 0.14 1.28 0.002 0.0 0.4 129 55.7 99 0.92 13.15 0.017 0.0002303 44.6 103.0 81.4 0.0188 7.74 7.74 0.003 1502.20 6.625" circle 129.36 6.63 110 8.51 0.239 0.288 0.14 1.20 0.001 0.0 0.4 128 55.5 100 0.92 13.52 0.018 0.0002434 44.6 103.0 81.4 0.0198 8.19 8.19 -0.005 1510.71 6.625" circle 121.17 6.63 110 8.51 0.239 0.270 0.14 1.13 0.001 0.0 0.4 128 55.3 101 0.92 13.15 0.017 0.0002303 44.5 102.8 81.4 0.0187 7.73 7.74 0.005 1510.71 6.625" circle 113.44 6.63 110 8.51 0.239 0.253 0.14 1.06 0.001 0.0 0.4 127 55.2 102 0.92 12.73 0.017 0.0002158 44.5 102.8 81.4 0.0176 7.25 7.25 0.002 1527.73 6.625" circle 106.19 6.63 110 8.51 0.239 0.237 0.14 0.99 0.001 0.0 0.4 127 55.0 103 0.92 14.39 0.019 0.0002757 44.5 102.8 81.4 0.0224 9.26 9.26 0.002 1530.23 6.625" circle 96.93 6.63 110 2.50 0.239 0.216 0.14 0.90 0.001 0.0 0.4 127 54.8 104 0.92 46.63 0.061 0.0028953 44.2 102.1 81.1 0.2348 96.93 96.90 0.0028) 6153113					0.000									96 0.92	13.15	0.017	0.0002303	44.7 103.2	81.5 0.0188			1476.67
6.625" circle 137.10 6.63 110 8.51 0.239 0.305 0.14 1.28 0.002 0.0 0.4 129 55.7 99 0.92 13.15 0.017 0.0002303 44.6 103.0 81.4 0.0188 7.74 7.74 0.003 1502.09 0.625" circle 129.36 6.63 110 8.51 0.239 0.288 0.14 1.20 0.001 0.0 0.4 128 55.5 100 0.92 13.52 0.018 0.0002434 44.6 103.0 81.4 0.0198 8.19 8.19 -0.005 1510.71 0.625" circle 121.17 6.63 110 8.51 0.239 0.270 0.14 1.13 0.001 0.0 0.4 128 55.3 101 0.92 13.15 0.017 0.0002303 44.5 102.8 81.4 0.0187 7.73 7.74 0.005 1510.71 0.00														97 0.92	13.15	0.017	0.0002303	44.7 103.2	81.5 0.0188			
6.625" circle 129.36 6.63 110 8.51 0.239 0.288 0.14 1.20 0.001 0.0 0.4 128 55.5 100 0.92 13.52 0.018 0.0002434 44.6 103.0 81.4 0.0188 8.19 -0.005 1510.71 0.005 150.71 0.005 1														90 0.92	13.15	0.017	0.0002303	44.7 103.2	81.5 0.0188			
6.625" circle 121.17 6.63 110 8.51 0.239 0.270 0.14 1.13 0.001 0.0 0.4 128 55.3 101 0.92 13.15 0.017 0.0002303 44.5 102.8 81.4 0.0187 7.73 7.74 0.05 15.22 10.002 12.73 0.017 0.0002158 44.5 102.8 81.4 0.0176 7.25 7.25 10.002 15.27.73 1.0002 10.0002158 110 8.51 0.239 0.237 0.14 0.99 0.001 0.0 0.4 127 55.0 103 0.92 14.39 0.019 0.0002757 44.5 102.8 81.4 0.0224 9.26 9.26 0.002 15.27.73 1.0002 15.27.73 1.0002 10.0002158 110 10.0														100 0.92	13.75	0.017	0.0002303	44.6 103.0	81.4 0.0188	7.74 7.74	0.003	
6.625" circle 96.93 6.63 110 2.50 0.239 0.216 0.14 0.90 0.001 0.0 0.4 127 54.8 104 0.92 46.63 0.061 0.0028953 44.2 102.1 81.1 0.2348 96.93 96.90 0.00289 173.43														101 0.92	13.52	0.018	0.0002434	44.0 103.0	81.4 0.0198	8.19 8.19	-0.005	1510.71
6.625" circle 106.19 6.63 110 8.51 0.239 0.237 0.14 0.99 0.001 0.0 0.4 127 55.0 103 0.92 14.39 0.019 0.0002757 44.5 102.8 81.4 0.0224 9.26 9.26 0.002 1530.23 6.625" circle 96.93 6.63 110 2.50 0.239 0.216 0.14 0.90 0.001 0.0 0.4 127 54.8 104 0.92 46.63 0.061 0.0028953 44.2 102.1 81.1 0.2348 96.93 96.90 0.00289 6153113														102 0.92	12.73	0.017	0.0002303	44.5 102.8	81.4 0.018/	7.75 7.7	0.005	1507.70
6.625" circle 96.93 6.63 110 2.50 0.239 0.216 0.14 0.90 0.001 0.0 0.4 127 54.8 104 0.92 46.63 0.061 0.0028953 44.2 102.1 81.1 0.2348 96.93 96.90 0.0028 6153173														103 0.92	14.39	0.019	0.0002757	44.5 102.8	81.4 0.0176			
The state of the s														104 0.92	46.63	0.061	0.0028953	44.2 102.1	81.1 0.2348	96 93 96 900	0.002	61530.23
																3.5000000000000000000000000000000000000				795.74	LITTO	0.02000

RECEIVED

	Pump Ty	oe	Submer	sible	Pump Efficie	enc 7.0	4												00	CT (06 2	800
System:	Type				8					Elev.	Cum.											10.3
Des-	q	d	C	L	Α	Q	R V	S	h	Change	Head	psi							MATE	DEC	OHDO	ESDEPT
cription	gpm	in.	HP	feet	11.0	fs hy	d. ft/sec	ft/ft	ft	Feet	psi	1.500.000										
Sub Pump		12.00	200		2.43				1262.1	4.0	1258	544.8		VALMO	NT IND	JSTRIES INC	C. CIRCLE	INSTALLED BY	S	ALEM	OREG	ON
steel well pipe		4.50	110	976.00	0.110 2.43		9 22.02	0.483	471.2	440.0	347	150.2		SPRINK	LER DE	SIGN'		PENDLETON O				
control system		4.00	110	40.00	0.087 2.43		8 27.87	0.857	34.3	0.0	313	135.4									2470	
regulator		4.00	110	2.00	0.087 2.43		8 27.87	0.857	-148.8	0.0	164	71.0										
12" steel main		12.00	110	1320.00	0.785 2.43			0.004	5.4	-91.0	249	108.0										
10" steel main 10" steel main		10.00	110 110	100.00	0.545 2.43			0.010	1.0	3.0	246	106.3										distance
	1091.61	6.00	140	390.00	0.545 2.43 0.196 2.43		1 4.46 3 12.39	0.010	8.9	-3.0	240	103.8	-			0.10						from
6.625" circle		6.63	110	32.40	0.130 2.43		4 10.16	0.076	29.7 2.4	20.0	190 187	82.2		d in 64"	d in '	A ft sq	psi h	2gh Q cfs	Q gpm		diff.	pivot
6.625" circle		6.63	110	17.52	0.239 2.43		4 10.15	0.073	1.3	1.0	184	80.8	1 0.92	3.70	0.005	0.0000182	59.9 138.3	94.4 0.0017	0.71	0.71	0.000	32.40
6.625" circle		6.63	110	16.84	0.239 2.42		4 10.15	0.073	1.2	1.0	182	79.8 78.9	2 0.92 3 0.92	3.67 4.19	0.005		59.9 138.3	94.4 0.0017	0.70	0.70	-0.001	49.92
6.625" circle		6.63	110	17.52	0.239 2.42		4 10.14	0.073	1.3	1.0	180	77.9	4 0.92	4.19		0.0000234	59.9 138.3	94.4 0.0022	0.91	0.91	0.001	66.76
6.625" circle		6.63	110	18.00	0.239 2.42		4 10.13	0.073	1.3	1.0	178	76.9	5 0.92	5.16	0.006	0.0000298 0.0000355	59.8 138.1	94.3 0.0028	1.16	1.16	0.000	84.28
6.625" circle		6.63	110	17.94	0.239 2.42		4 10.12		1.3	1.0	175	75.9	6 0.92	5.50	0.007		59.8 138.1	94.3 0.0033	1.38	1.38	0.001	102.28
6.625" circle		6.63	110	18.00	0.239 2.4		4 10.10	0.073	1.3	1.0	173	74.9	7 0.92	5.83	0.007	0.0000403 0.0000453	59.8 138.1	94.3 0.0038	1.57	1.57	-0.002	120.22
6.625" circle	1083.42	6.63	110	18.00	0.239 2.4		4 10.08	0.072	1.3	1.0	171	73.9	8 0.92	6.07	0.008	0.0000453	59.8 138.1	94.3 0.0043	1.76	1.76	0.002	138.22
6.625" circle		6.63	110	18.30	0.239 2.4	55.5	4 10.07	0.072	1.3	1.0	168	73.9	9 0.92	6.31	0.008	0.0000491	59.7 137.9	94.2 0.0046	1.91	1.91	-0.001	156.22
6.625" circle	1079.45	6.63	110	18.00	0.239 2.40	577	4 10.05	0.072	1.3	1.0	166	72.0	10 0.92	6.44	0.008	0.0000552	59.7 137.9	94.2 0.0050	2.06	2.06	0.003	174.52
6.625" circle	1077.30	6.63	110	17.52	0.239 2.40		4 10.03	0.072	1.3	1.0	164	71.0	11 0.92	6.50	0.008	0.0000552	59.7 137.9 59.6 137.6	94.2 0.0052	2.15	2.15	-0.001	192.52
6.625" circle		6.63	110	16.84	0.239 2.39		4 10.01	0.071	1.2	1.0	162	70.1	12 0.92	6.65	0.008	0.0000589	59.6 137.6	94.2 0.0053	2.19	2.19	-0.003	210.04
6.625" circle		6.63	110	17.52	0.239 2.39			0.071	1.2	1.0	160	69.1	13 0.92	6.91	0.009	0.0000589	59.6 137.6	94.2 0.0055 94.2 0.0060	2.29	2.29	-0.001	226.88
6.625" circle		6.63	110	18.00	0.239 2.38			0.071	1.3	1.0	157	68.1	14 0.92	7.20	0.009	0.000069	59.5 137.6	94.2 0.0060	2.47	2.47	0.002	244.40
6.625" circle	1067.67	6.63	110	17.94	0.239 2.37	9 0.		0.070	1.3	1.0	155	67.2	15 0.92	7.45		0.0000739	59.5 137.4	94.1 0.0065	2.68	2.68	0.001	262.40
6.625" circle	1064.80	6.63	110	18.00	0.239 2.37			0.070	1.3	1.0	153	66.2	16 0.92	7.68	0.010	0.0000785	59.5 137.4	94.1 0.0074	2.87	2.87	0.001	280.34
6.625" circle	1061.75	6.63	110	18.00	0.239 2.36	6 0.	4 9.88	0.070	1.3	1.0	151	65.2	17 0.92	7.95		0.0000783	59.5 137.4	94.1 0.0074	3.05	3.05	0.001	298.34
6.625" circle	1058.48	6.63	110	18.29	0.239 2.35	8 0.	4 9.85	0.069	1.3	1.0	148	64.3	18 0.92	8.17		0.0000889	59.4 137.2	94.0 0.0084	3.27	3.27	-0.001	316.34
6.625" circle	1055.03	6.63	110	18.00	0.239 2.35	51 0.	4 9.82	0.069	1.2	1.0	146	63.3	19 0.92	8.30		0.0000003	59.4 137.2	94.0 0.0084	3.45 3.56	3.45	-0.001	334.63
6.625" circle	1051.47	6.63	110	17.52	0.239 2.34	3 0.	4 9.79	0.068	1.2	1.0	144	62.4	20 0.92	8.37		0.0000933	59.4 137.2		3.62	3.56 3.62	0.000	352.63
6.625" circle	1047.85	6.63	110	16.84	0.239 2.33	35 0.	4 9.75	0.068	1.1	1.0	142	61.5	21 0.92	8.56		0.0000976	59.3 137.0	93.9 0.0092	3.78	3.78	0.000	370.15
6.625" circle	1044.07	6.63	110	17.52	0.239 2.32	26 0.1	4 9.72	0.068	1.2	1.0	140	60.5	22 0.92	8.90		0.0001055	59.3 137.0	93.9 0.0092	4.09	4.09	-0.000	386.99
6.625" circle	1039.98	6.63	110	18.00	0.239 2.31	7 0.	4 9.68	0.067	1.2	1.0	138	59.6	23 0.92	9.15		0.0001115	59.3 137.0	93.9 0.0105	4.32	4.32	0.003	404.51 422.51
6.625" circle	1035.65	6.63	110	17.94	0.239 2.30	0.0	4 9.64	0.067	1.2	1.0	135	58.7	24 0.92	9.34		0.0001162	59.3 137.0	93.9 0.0109	4.50	4.50	0.003	440.45
6.625" circle		6.63	110	18.00	0.239 2.29	8 0.	4 9.60	0.066	1.2	1.0	133	57.7	25 0.92	9.53		0.0001209	59.3 137.0	93.9 0.0114	4.69	4.69	-0.001	458.45
6.625" circle	1026.46	6.63	110	18.00	0.239 2.28	37 0.	4 9.55	0.065	1.2	1.0	131	56.8	26 0.92	9.77		0.0001271	59.2 136.7	93.8 0.0119	4.92	4.92	0.004	476.45
6.625" circle		6.63	110	18.29	0.239 2.27	6 0.1	4 9.51	0.065	1.2	1.0	129	55.9	27 0.92	9.95		0.0001318	59.2 136.7	93.8 0.0124	5.11	5.11	-0.002	494.74
6.625" circle		6.63	110	18.00	0.239 2.26		4 9.46	0.064	1.2	1.0	127	54.9	28 0.92	10.02		0.0001337	59.2 136.7	93.8 0.0125	5.18	5.18	-0.000	512.74
6.625" circle		6.63	110	17.52	0.239 2.25		4 9.41	0.064	1.1	1.0	125	54.0	29 0.92	10.02	0.013	0.0001337	59.2 136.7	93.8 0.0125	5.18	5.18	-0.000	530.26
6.625" circle		6.63	110	16.84	0.239 2.24		. 33	0.063	1.1	1.0	123	53.1	30 0.92	10.18	0.013	0.000138	59.2 136.7	93.8 0.0129	5.35	5.35	-0.004	547.10
6.625" circle		6.63	110	17.52	0.239 2.23		4 9.31	0.062	1.1	1.0	121	52.3	31 0.92	10.52	0.014	0.0001474	59.1 136.5	93.8 0.0138	5.70	5.70	0.005	564.62
6.625" circle	995.02	6.63	110	18.00	0.239 2.21		. 10	0.062	1.1	1.0	119	51.4	32 0.92	10.75	0.014	0.0001539	59.1 136.5	93.8 0.0144	5.96	5.96	-0.003	582.62
6.625" circle	989.06	6.63	110	17.94	0.239 2.20			0.061	1.1	1.0	117	50.5	33 0.92	10.91	0.014	0.0001585	59.1 136.5	93.8 0.0149	6.14	6.14	-0.004	600.56
6.625" circle	982.92	6.63	110	18.00	0.239 2.19	22 F.1.		0.060	1.1	1.0	114	49.6	34 0.92	11.08	0.014	0.0001635	59.1 136.5	93.8 0.0153	6.33	6.33	-0.002	618.56
6.625" circle	976.60	6.63	110	18.00	0.239 2.17		. 31 STARTER	0.060	1.1	1.0	112	48.7	35 0.92	11.29	0.015	0.0001697	59.1 136.5	93.8 0.0159	6.57	6.57	0.000	636.56
6.625" circle	970.03	6.63	110	18.28	0.239 2.16			0.059	1.1	1.0	110	47.8	36 0.92	11.45	0.015	0.0001746	59.1 136.5	93.8 0.0164	6.76	6.76	-0.002	654.84
6.625" circle	963.27	6.63	110	18.00	0.239 2.14			0.058	1.0	1.0	108	46.9	37 0.92	11.49	0.015	0.0001758	59.1 136.5	93.8 0.0165	6.81	6.80	0.005	672.84
6.625" circle	956.46	6.63	110	17.52	0.239 2.13			0.057	1.0	1.0	106	46.1	38 0.92	11.45	0.015	0.0001746	59.0 136.3	93.7 0.0164	6.75	6.75	0.002	690.36
6.625" circle	949.71	6.63	110	16.84	0.239 2.11			0.057	1.0	1.0	104	45.2	39 0.92	11.40		0.0001731	59.0 136.3	93.7 0.0162	6.69	6.69	0.003	707.20
6.625" circle	943.02	6.63	110	16.44	0.239 2.10			0.056	0.9	1.0	103	44.4	40 0.92	11.55	0.015	0.0001776	59.0 136.3	93.7 0.0166	6.87	6.87	0.001	723.64
6.625" circle	936.15	6.63	110	16.94	0.239 2.08			0.055	0.9	1.0	101	43.6	41 0.92	11.95	0.016	0.0001902	59.0 136.3	93.7 0.0178	7.35	7.36	-0.005	740.58
6.625" circle	928.79	6.63	110	18.00	0.239 2.06			0.054	1.0	1.0	99	42.7	42 0.92	12.28	0.016	0.0002008	59.0 136.3	93.7 0.0188	7.77	7.77	-0.003	758.58
6.625" circle	921.02	6.63	110	18.00	0.239 2.05	2 0.1	4 8.57	0.054	1.0	1.0	97	41.9	43 0.92	12.48	0.016	0.0002074	59.0 136.3	93.7 0.0194	8.02	8.02	0.002	776.58

			FR

			ι	JPPER H	AGER																		8	distance
System:	Type									Elev.	Cum.													from
Des-	q	d	C	L	Α	Q F	V	S	h (Change	Head	psi	C	d in 64"	d in '	A ft sq	psi	h	2gh	Q cfs	Q gpm:	esian	diff.	
cription	gpm	in.	HP	feet	sq. ft	fs hyd	ft/sec	ft/ft	ft	Feet	psi	-5400				72000 - 00 TO	1		-3		~ 3P			5.100
6.625" circle	913.00	6.63	110	18.30	0.239 2.0	34 0.14	8.50	0.053	1.0	1.0	95	41.1	44 0.92	12.63	0.016	0.0002124	59.0	136.3	93.7	0.0199	8.22	8.21	0.006	794.88
6.625" circle	904.79	6.63	110		0.239 2.0		8.42	0.052	0.9	1.0	93	40.2	45 0.92	12.63	0.016	0.0002124	59.0	136.3	93.7	0.0199	8.22	8.21	0.006	812.88
6.625" circle	896.57	6.63	110		0.239 1.9		8.35	0.051	0.9	1.0	91	39.4	46 0.92	12.55	0.016	0.0002097	59.0	136.3	93.7	0.0196	8.11	8.11	0.002	830.40
6.625" circle		6.63	110		0.239 1.9		8.27	0.050	0.8	1.0	89	38.7	47 0.92	12.48	0.016	0.0002074	59.0	136.3	93.7	0.0194	8.02	8.02	0.002	847.24
6.625" circle		6.63	110		0.239 1.9		8.19	0.049	0.8	1.0	87	37.9	48 0.92	12.62	0.016	0.0002121	59.0	136.3	93.7	0.0199	8.20	8.20	0.003	863.68
6.625" circle	872.24	6.63	110		0.239 1.9		8.12	0.048	0.8	1.0	86	37.1	49 0.92	13.03	0.017	0.0002261	59.0	136.3	93.7	0.0212	8.74	8.75	-0.006	880.62
6.625" circle		6.63	110		0.239 1.9		8.04	0.048	0.9	1.0	84	36.3	50 0.92	13.37	0.017	0.000238	59.0	136.3	93.7	0.0223	9.21	9.20	0.007	898.62
6.625" circle		6.63	110		0.239 1.9			0.047	0.8	1.0	82	35.5	51 0.92	13.52	0.018	0.0002434	59.0	136.3	93.7	0.0228	9.41	9.41	0.004	916.62
6.625" circle	844.87	6.63	110	18.10	0.239 1.8		7.86	0.046	0.8	1.0	80	34.8	52 0.92	11.87	0.015	0.0001876	59.0	136.3	93.7	0.0176	7.26	7.26	-0.003	934.72
6.625" circle	837.61	6.63	110	9.16	0.239 1.8		7.80	0.045	0.4	1.0	79	34.2	53 0.92	10.25	0.013	0.0001399	59.0	136.3	93.7	0.0131	5.41	5.41	0.001	943.88
6.625" circle	832.20	6.63	110	4.04	0.239 1.8	54 0.14	7.75	0.044	0.2	1.0	78	33.7	54 0.92	10.17	0.013	0.0001377	59.0	136.3	93.7	0.0129	5.33	5.33	-0.003	947.92
6.625" circle	826.88	6.63	110	1.50	0.239 1.8	42 0.14	7.70	0.044	0.1	1.0	77	33.2	55 0.92	24.60	0.032	0.0008058	58.9	136.0	93.6	0.0754	31.14	31.15	-0.009	949.42
																					295.87			(2007-0) 1 77

RECEIVED

OCT 0 6 2008

WATER RESOURCES DEPT SALEM, OREGON

Constant Length Circle System

RECEIVED

																								FIA	
5.040 A 15.00 (0.11 (15.00 a 1	Pump Typ		Submer		Pump E				_		Elev.														
System:	9	d	C HP	L	A	1 27.7	R	V	S		4.50	Head	psi									l	JCI	062	nna
Des- cription	gpm	in.	пР	feet	sq. ft	cfs	nya.	ft/sec	ft/ft	ft	feet	feet												0 0 2	008
Sub Pump	500.68	12 00	200			1.116			eff	1262.1	4.0	1258	544.8									WATE	PRE	OHIDA	
steel well pipe	500.68	4.50	110	976.00	0.110		0.09	10.10	0.114		40.0	707	306.1	VAL	MONT II	NDUST	RIES INC. CI	PCIE		INSTALI	I ED DV	******	TIME	DUUHC	ES DEPT
control system	500.68	4.00	110	40.00	0.087			12.78	0.202	8.1	0.0	699	302.6	VAL			ER DESIGN	NOLL		DENIDIE	ETONG	RAIN G	ALEN	OREC	ON
regulator	500.68	4.00	110	2	0.087			12.78	0.202	534.8	0.0	164	71.0		Oi	MAINE	LIV DEGIGIN			LINDLE	LIONG	IVAIN GE	COVVER	3	
12" steel main	500.68		110	1320.00	0.785		0.25	1.42	0.001		91.0	254	109.8												distance
10" steel main	500.68		110	1460.00		1.116	0.21	2.05	0.002		-5.0	255	110.5											38	from
6.625" circle	500.68	6.63	110	20.00	0.239	1.116	0.14	4.66	0.017		20.0	235	101.7	# C c	d in 64"	d in '	A ft sq	psi	h	2gh	Q cfs	Q gpm 3	esian	diff.	pivot
6.625" circle	500.68	6.63	110	32.40	0.239	1.116	0.14	4.66	0.017	0.6 0	.815	234	101.1	1 0.92	5.46	0.007		10000000		105.5 0			1.73	-0.000	32.40
6.625" circle	498.95	6.63	110	17.52	0.239	1.112	0.14	4.64	0.017	0.3 0	.815	232	100.6	2 0.92	5.46	0.007	0.0000397	74.8	172.7	105.5 0	.0042		1.73	-0.001	49.92
6.625" circle	497.22	6.63	110	16.84		1.108	0.14	4.63	0.017	0.3 0	.815	231	100.2	3 0.92	5.46	0.007	0.0000397	74.7	172.5	105.4 0	.0042	1.73	1.73	-0.002	66.76
6.625" circle	495.50	6.63	110	17.52		1.104	0.14	4.61	0.017	0.3 0		230	99.7	4 0.92	5.45	0.007	0.0000396	74.6	172.3	105.3 0	.0042	1.72	1.72	0.000	84.28
6.625" circle	493.78	6.63	110	18.00		1.100	0.14	4.60	0.017	0.3 0		229	99.2	5 0.92	5.45	0.007		74.5	172.1	105.3 0	.0042	1.72	1.72	-0.001	102.28
6.625" circle	492.06	6.63	110	17.94		1.096	0.14	4.58	0.017	0.3 0		228	98.7	6 0.92	5.45	0.007				105.2 0		1.72	1.72	-0.002	120.22
6.625" circle	490.34	6.63	110	18.00		1.093	0.14	4.56	0.017	0.3 0	0.000	227	98.2	7 0.92	5.46		0.0000397			105.1 0			1.72	0.003	138.22
6.625" circle	488.62	6.63	110	18.00		1.089	0.14	4.55	0.017	0.3 0		226	97.8	8 0.92	5.44	0.007				105.1 0		1.71	1.71	0.000	156.22
6.625" circle	486.91 484.91	6.63	110	18.30 18.00		1.085	0.14	4.53	0.016	0.3 0		225	97.3	9 0.92	5.88	0.008				105.1 0		2.00	2.00	-0.003	174.52
6.625" circle 6.625" circle	482.64	6.63	110 110	17.52		1.080 1.075	0.14	4.51 4.49	0.016	0.3 0 0.3 0		224 223	96.8 96.6	10 0.92	6.27 5.89	0.008				105.0 0		2.27	2.27	-0.001	192.52
6.625" circle	480.64	6.63	110	16.84	0.239		0.14	4.47	0.016	0.3 0		222	96.1	11 0.92 12 0.92	6.26	0.008				104.9 0			2.00	0.001	210.04
6.625" circle	478.38	6.63	110	17.52		1.066	0.14	4.45	0.016	0.3 0		221	95.6	13 0.92	6.65	0.009				104.8 0		2.26 2.55	2.26 2.55	-0.001 -0.001	226.88 244.40
6.625" circle	475.83	6.63	110	18.00		1.060	0.14	4.43	0.016	0.3 0		220	95.1	14 0.92	6.65					104.8 0			2.55	-0.001	262.40
6.625" circle	473.28	6.63	110	17.94		1.055	0.14	4.41	0.016	0.3 0		219	94.7	15 0.92	7.01	0.009				104.7 0		2.83	2.83	-0.003	280.34
6.625" circle	470.45	6.63	110	18.00	0.239	1.048	0.14	4.38	0.015	0.3 0		218	94.2	16 0.92	7.01	0.009				104.6 0		2.83	2.83	-0.003	298.34
6.625" circle	467.63	6.63	110	18.00	0.239	1.042	0.14	4.35	0.015	0.3 0		216	93.7	17 0.92	7.02	0.009				104.6 0		2.83	2.83	0.003	316.34
6.625" circle	464.79	6.63	110	18.29	0.239	1.036	0.14	4.33	0.015	0.3 0	.815	215	93.3	18 0.92	7.43	0.010	0.0000735			104.6 0		3.17	3.17	0.003	334.63
6.625" circle	461.62	6.63	110	18.00	0.239	1.029	0.14	4.30	0.015	0.3 0	.815	214	92.8	19 0.92	7.43	0.010	0.0000735	73.4	169.5	104.5 0	.0077	3.17	3.17	0.001	352.63
6.625" circle	458.45	6.63	110	17.52		1.022	0.14	4.27	0.015	0.3 0	.815	213	92.3	20 0.92	7.43	0.010	0.0000735	73.3	169.3	104.4 0	.0077	3.17	3.17	-0.001	370.15
6.625" circle	455.28	6.63	110	16.84		1.014	0.14	4.24	0.015	0.2 0		212	91.9	21 0.92	7.84	0.010	0.0000818	73.2	169.1	104.3 0	.0085	3.53	3.53	-0.004	386.99
6.625" circle	451.75	6.63	110	17.52	0.239		0.14	4.20	0.014	0.3 0		211	91.4	22 0.92	7.83	0.010		73.2	169.1	104.3 0	.0085	3.52	3.52	-0.003	404.51
6.625" circle	448.24	6.63	110	18.00		0.999	0.14	4.17	0.014	0.3 0		210	90.9	23 0.92	8.16		0.0000887			104.3 0		3.82	3.82	-0.003	422.51
6.625" circle 6.625" circle	444.42 440.61	6.63	110 110	17.94		0.990	0.14	4.14	0.014	0.2 0		209	90.7	24 0.92	8.16		0.0000887			104.2 0		3.81	3.81	0.005	440.45
6.625" circle	436.38	6.63	110	18.00 18.00		0.972	0.14 0.14	4.10 4.06	0.014	0.2 0 0.2 0		208 207	90.2 89.8	25 0.92 26 0.92	8.59		0.0000983			104.1 0		4.22	4.22	0.004	458.45
6.625" circle	431.81	6.63	110	18.29		0.962	0.14	4.00	0.013	0.2 0		206	89.3	26 0.92	8.94 8.94		0.0001064			104.1 0		4.58	4.58	-0.004	476.45
6.625" circle	427.23	6.63	110	18.00		0.952	0.14	3.98	0.013	0.2 0		205	88.9	28 0.92	8.94		0.0001064			104.1 0 104.0 0		4.57 4.57	4.57 4.57	0.002 -0.001	494.74
6.625" circle	422.66	6.63	110	17.52		0.942	0.14	3.93	0.013	0.2 0		204	88.4	29 0.92	8.94		0.0001064			104.0 0		4.57	4.57	-0.001	512.74 530.26
6.625" circle	418.09	6.63	110	16.84		0.932	0.14	3.89	0.012	0.2 0		203	88.0	30 0.92	8.94		0.0001064			103.9 0		4.57	4.57	-0.004	547.10
6.625" circle	413.53	6.63	110	17.52	0.239		0.14	3.85	0.012	0.2 0		202	87.5	31 0.92	9.38		0.0001172			103.9 0		5.03	5.03	-0.003	564.62
6.625" circle	408.50	6.63	110	18.00	0.239	0.910	0.14	3.80	0.012	0.2 0	.815	201	87.1	32 0.92	9.74		0.0001263			103.8 0		5.42	5.42	-0.004	582.62
6.625" circle	403.09	6.63	110	17.94	0.239	0.898	0.14	3.75	0.012	0.2 0	.815	200	86.6	33 0.92	9.74	0.013	0.0001263	72.4	167.2	103.8 0	0.0131	5.41	5.41	0.002	600.56
6.625" circle	397.67	6.63	110	18.00	0.239	0.886	0.14	3.70	0.011	0.2 0	.815	199	86.2	34 0.92	9.74	0.013	0.0001263	72.4	167.2	103.8 0	0.0131	5.41	5.41	0.002	618.56
6.625" circle	392.26	6.63	110	18.00		0.874	0.14	3.65	0.011	0.2 0		198	85.8	35 0.92	10.14		0.0001369	72.3	167.0	103.7 0	.0142	5.86	5.86	0.002	636.56
6.625" circle	386.40	6.63	110	18.29		0.861	0.14	3.60	0.011	0.2 0		197	85.3	36 0.92	10.14		0.0001369			103.7 0		5.86	5.86	0.002	654.85
6.625" circle	380.54	6.63	110	18.00		0.848	0.14	3.54	0.010	0.2 0		196	84.9	37 0.92	10.50		0.0001468			103.6 0		6.28	6.28	0.001	672.85
6.625" circle	374.26	6.63	110	17.52		0.834	0.14	3.48	0.010	0.2 0		195	84.5	38 0.92	10.14		0.0001369			103.6 0		5.86	5.86	-0.002	690.37
6.625" circle 6.625" circle	368.40 362.12	6.63 6.63	110 110	16.84 17.52	0.239	0.821	0.14 0.14	3.43	0.010	0.2 0		194	84.0 83.6	39 0.92	10.50		0.0001468			103.6 0		6.28	6.28	-0.003	707.21
6.625" circle	355.86	6.63	110	18.00		0.793	0.14	3.37	0.010	0.2 0 0.2 0		193 192	83.5	40 0.92	10.49		0.0001465			103.6 0		6.27	6.27	-0.005	724.73
6.625" circle	349.05	6.63	110	17.94		0.793	0.14	3.25	0.009	0.2 0		192	82.8	41 0.92 42 0.92	10.94 10.94		0.0001594 0.0001594			103.5 0		6.81	6.81	-0.001	742.73
6.625" circle	342.24	6.63	110	18.00		0.763	0.14	3.19	0.009	0.2 0		190	82.3	42 0.92	11.31		0.0001594			103.5 0 103.4 0		6.81	6.81	-0.001	760.67
6.625" circle	334.96	6.63	110	18.00		0.746	0.14	3.12	0.008	0.1 0		189	81.9	44 0.92	11.30		0.0001703			103.4 0		7.27 7.26	7.27 7.26	0.003	778.67
6.625" circle	327.70	6.63	110	18.29		0.730	0.14	3.05	0.008	0.1 0		188	81.5	45 0.92	11.30		0.0001700			103.4 0		7.25	7.25	-0.000 0.005	796.67 814.96
6.625" circle			110	18.00		0.714			0.008	0.1 0		187	81.1		11.30		0.0001700						7.25	0.005	832.96
											9=1257		0.500.00			0.5.0	3.0001100	. 1.0	.00.0	100.0		1.25	1.20	0.005	002.30

	Pump Typ	oe .	Submers	ible	Pump Eff	ficienc	7.04				Elev.	Cum.		H	HOME											distance
System:	q	d	C	L	Α	Q	R	V	S	h	Chg.	Head	psi													from
Des-	gpm	in.	HP	feet	sq. ft	cfs	hyd.	ft/sec	ft/ft		feet		· Desire	#	Cd	in 64"	d in '	A ft sq	psi	h	2gh	Q cfs	Q gpm 3	ocian	diff.	
cription							V. V.											71.109	po.		2911	Q OIS	a gpiii s	csign	uiii.	pivot
6.625" circle	313.19	6.63	110	17.52	0.239 0	0.698	0.14	2.92	0.007	0.1 0	.815	186	80.7	47 0	.92	11.30	0.015	0.0001700	71.8	165.8	103.3	0.0176	7.25	7.25	0.005	850.48
6.625" circle	305.94	6.63	110	16.84	0.239 0	0.682	0.14	2.85	0.007	0.1 0	.815	185	80.3	48 0		11.68		0.0001817				0.0188		7.75	-0.003	867.32
6.625" circle	298.19	6.63	110	17.52	0.239	0.664	0.14	2.78	0.007	0.1 0	.815	184	79.9	49 0		11.68		0.0001817						7.74	0.004	
6.625" circle	290.45	6.63	110	18.00	0.239 0	0.647	0.14	2.70	0.006	0.1 0	.815	184	79.5	50 0	1000	12.00	0.016	0.0001917	71.7	165.6	103.3	0.0100		8.17	0.006	884.84 902.84
6.625" circle	282.27	6.63	110	17.94	0.239 0	0.629	0.14	2.63	0.006	0.1 0	.815	183	79.1	51 0		12.00						0.0198	8.17	8.17	0.000	
6.625" circle	274.10	6.63	110	18.00	0.239 0	0.611	0.14	2.55	0.006	0.1 0	.815	182	78.7	52 0		12.43		0.0002057				0.0212	8.77	8.76	0.006	920.78
6.625" circle	265.34	6.63	110	18.00	0.239	0.591	0.14	2.47	0.005	0.1 0	.815	181	78.3	53 0		12.43		0.0002057				0.0212	8.77	8.76	0.006	938.78
6.625" circle	256.57	6.63	110	18.29	0.239 0	0.572	0.14	2.39	0.005	0.1 0		180	77.9	54 0		12.42		0.0002054				0.0212		8.75		956.78
6.625" circle	247.82	6.63	110	18.00	0.239	0.552	0.14	2.31	0.005	0.1 0		179	77.5	55 0		12.42						0.0212		8.75	-0.004	975.07
6.625" circle	239.08	6.63	110	17.52	0.239 0	0.533	0.14	2.23	0.004	0.1 0		178	77.1	56 0		12.42		0.0002054				0.0212		8.75	-0.004	993.07
6.625" circle	230.33	6.63	110	16.84	0.239	0.513	0.14	2.14	0.004	0.1 0		177	76.7	57 0		12.82		0.0002034				0.0212				1010.59
6.625" circle	221.01	6.63	110	17.52	0.239 0	0.492	0.14	2.06	0.004	0.1 0		176	76.4	58 0	0.000	12.81		0.0002185				0.0225		9.32		1027.43
6.625" circle	211.71	6.63	110	18.00	0.239 0	0.472	0.14	1.97	0.004	0.1 0		175	76.0	59 0	100000	13.20						0.0225		9.30		1044.95
6.625" circle	201.84	6.63	110	17.94	0.239 0	0.450	0.14	1.88	0.003	0.1 0		175	75.6	60 0		13.19		0.0002320						9.87		1062.95
6.625" circle	191.98	6.63	110	18.00	0.239 0	0.428	0.14	1.79	0.003	0.1 0		174	75.2	61 0		13.19						0.0239		9.86		1080.89
6.625" circle	182.12	6.63	110	18.00	0.239 0	0.406	0.14	1.70	0.003	0.0 0		173	74.8	62 0		13.44		0.0002405				0.0239		9.86		1098.89
6.625" circle	171.89	6.63	110	18.29	0.239 0		0.14	1.60	0.002	0.0 0		172	74.5	63 0		13.44		0.0002405				0.0248	10.23			1116.89
6.625" circle	161.66	6.63	110	18.00	0.239 0	0.360	0.14	1.50	0.002	0.0 0		171	74.1	64 0		13.44						0.0248	10.23			1135.18
6.625" circle	151.42	6.63	110	17.52	0.239 0	0.337	0.14	1.41	0.002	0.0 0		170	73.7	65 0		13.44						0.0248	10.23			1153.18
6.625" circle	141.19	6.63	110	16.83	0.239 0	0.315	0.14	1.31	0.002	0.0 0		169	73.4	66 0		13.44		0.0002405				0.0248	10.23			1170.70
6.625" circle	130.95	6.63	110	17.52	0.239 0		0.14	1.22	0.001	0.0 0		169	73.0	67 0		13.79		0.0002403			103.1		10.23			1187.53
6.625" circle	120.19	6.63	110	18.00	0.239 0		0.14	1.12	0.001	0.0 0		168	72.6	68 0		13.78		0.0002532				0.0261	10.77			1205.05
6.625" circle	109.44	6.63	110	17.94	0.239 0		0.14	1.02	0.001	0.0 0		167	72.3	69 0		14.12							10.75			1223.05
6.625" circle	98.15	6.63	110	18.00	0.239 0		0.14	0.91	0.001	0.0 0		166	71.9	70 0		14.12		0.0002655				0.0273	11.29			1240.99
6.625" circle	86.86	6.63	110	18.00	0.239 0		0.14	0.81	0.001	0.0 0		165	71.6	71 0		14.11		0.0002653				0.0273	11.29			1258.99
6.625" circle	75.59	6.63	110	17.92	0.239 0		0.14	0.70	0.001	0.0 0		164	71.2	72 0		14.12		0.0002655					11.27			1276.99
6.625" circle	64.30	6.63	110	4.04	0.239 0		0.14	0.60	0.000	0.0 0		164	70.9	73 0		11.19		0.0002655			103.0	0.0273	11.29			1294.91
6.625" circle	57.21	6.63	110	1.50	0.239 0		0.14	0.53	0.000	0.0 0		163	70.5			31.81		0.0001867				0.0172	7.09			1298.95
						10.5 10. 00						.00	70.5	7 - 0	.02	01.01	0.041	0.0010474	71.1	104.2	102.8	0.1300	57.21	57.20	0.010	1300.45
																			71.1				500.68			

RECEIVED

OCT 06 2008

WATER RESOURCES DEPT SALEM, OREGON

CAF		

CARPENTER Constant Length Circle Sprinkler System

																					0.5	VL	AFF	
	Pump Ty		Submer		Pump E			7.04																
System:	q	d	С	L	Α	Q	R	V	S		Elev.		psi								nci	OF	2008	2
Des-	gpm	in.	HP	feet	sq. ft	cfs	hyd.	ft/sec	ft/ft	ft	Chg.	Head									001	0 0	2000	9
cription									eff.															
Sub Pump	814.34		200			1.814				1262.1	4.0	1258	544.8								WATERF	IESOU	RCES	DEPT
steel well pipe	814.34	4.00	110	976.00	0.087		200000000000000000000000000000000000000	20.79	0.498	486.0	440.0	332	143.8	VALI	II TNON	NDUST	RIES INC. CI	RCLE		INSTALLED I	SAT	FM O	RECON	1
control system	814.34	4.00	110	40.00	0.087			20.79	0.498	19.9	0.0	312	135.2		SF	PRINKLE	ER DESIGN			PENDLETON	GRAIN GE	OWER	SEGUN	N.
regulator	814.34	4.00	110	2.00	0.087	1.814	0.08	20.79	0.498	148.1	0.0	164	71.0											
12" steel main	814.34	12.00	110	1320.00	0.785	1.814	0.25	2.31	0.002	3.1	-91.0	406	175.9					*				*		distance
10" steel main	814.34	10.00	110	1460.00	0.545	1.814	0.21	3.33	0.006	8.4	3.3	395	170.9							.5				from
8" steel main	814.34	8.00	110	2360.00	0.349	1.814	0.17	5.20	0.017	40.2	22.0	332	143.9	# C c	in 64"	d in '	A ft sq	psi	h	2gh Q cfs	Q gpm 3	esian		pivot
6.625" circle	814.34	6.63	110	32.40	0.239	1.814	0.14	7.58	0.043	1.4	0.1	331	143.3	1 0.92	5.45	0.007	0.0000396	74.6	172.3	105.3 0.0042		1.72	0.000	32.40
6.625" circle	812.62	6.63	110	17.52	0.239	1.811	0.14	7.56	0.042	0.7	0.1	330	143.0	2 0.92	5.45	0.007	0.0000396	74.3	171.6	105.1 0.0042		1.72	-0.003	49.92
6.625" circle	810.90	6.63	110	16.84	0.239	1.807	0.14	7.55	0.042	0.7	0.1	329	142.7	3 0.92	5.45	0.007	0.0000396	74.3	171.6	105.1 0.0042		1.72	-0.003	66.76
6.625" circle	809.19	6.63	110	17.52	0.239	1.803	0.14	7.53	0.042	0.7	0.1	329	142.3	4 0.92	5.89	0.008	0.0000462	73.8	170.4	104.8 0.0048		2.00	-0.002	84.28
6.625" circle	807.19	6.63	110	18.00	0.239	1.799	0.14	7.51	0.042	0.8	0.1	328	142.0	5 0.92	6.27	0.008	0.0000523	73.6	170.0	104.6 0.0055	2.26	2.26	0.001	102.28
6.625" circle	804.93	6.63	110	17.94	0.239	1.794	0.14	7.49	0.042	0.7	0.1	327	141.6	6 0.92	6.88	0.009	0.000063			104.4 0.0066		2.72	-0.003	120.22
6.625" circle	802.21	6.63	110	18.00	0.239	1.787	0.14	7.47	0.041	0.7	0.1	326	141.3	7 0.92	7.45	0.010	0.0000739		168.8		3.18	3.18	0.002	138.22
6.625" circle	799.03	6.63	110	18.00	0.239	1.780	0.14	7.44	0.041	0.7	0.1	325	140.9	8 0.92	7.85	0.010	0.0000821			104.1 0.0085		3.53	-0.005	156.22
6.625" circle	795.50	6.63	110	18.30	0.239	1.773	0.14	7.40	0.041	0.7	0.1	325	140.6	9 0.92	7.85	0.010	0.0000821			103.8 0.0085		3.52	-0.002	174.52
6.625" circle	791.98	6.63	110	18.00	0.239	1.765	0.14	7.37	0.041	0.7	0.1	324	140.2	10 0.92	8.17	0.011	0.0000889			103.7 0.0092		3.81	-0.004	192.52
6.625" circle	788.18	6.63	110	17.52	0.239	1.756	0.14	7.34	0.040	0.7	0.1	323	139.9	11 0.92	8.61	0.011	0.0000987			103.5 0.0102		4.22	-0.002	210.04
6.625" circle	783.96	6.63	110	16.84	0.239	1.747	0.14	7.30	0.040	0.7	0.1	322	139.6	12 0.92	8.62	0.011	0.0000989			103.3 0.0102		4.22	0.002	226.88
6.625" circle	779.74	6.63	110	17.52	0.239	1.737	0.14	7.26	0.039	0.7	0.1	322	139.3	13 0.92	8.97	0.012	0.0001071			103.2 0.0111	4.57	4.57	-0.005	244.40
6.625" circle	775.17	6.63	110	18.00	0.239	1.727	0.14	7.22	0.039	0.7	0.1	321	139.0	14 0.92	9.43	0.012	0.0001184	71.3	164.7	103.0 0.0122		5.03	0.005	262.40
6.625" circle	770.14	6.63	110	17.94	0.239	1.716	0.14	7.17	0.038	0.7	0.1	320	138.6	15 0.92	9.42	0.012	0.0001182	71.1	164.2	102.8 0.0122		5.02	-0.003	280.34
6.625" circle	765.12	6.63	110	18.00	0.239	1.705	0.14	7.12	0.038	0.7	0.1	319	138.3	16 0.92	9.79	0.013	0.0001276		163.5		5.41	5.41	-0.003	298.34
6.625" circle	759.71	6.63	110	18.00	0.239	1.693	0.14	7.07	0.038	0.7	0.1	319	138.0	17 0.92	9.80		0.0001279			102.5 0.0131	5.41	5.41	0.001	316.34
6.625" circle	754.30	6.63	110	18.29	0.239	1.681	0.14	7.02	0.037	0.7	0.1	318	137.7	18 0.92	10.21		0.0001388		162.6			5.86	0.005	334.63
6.625" circle	748.44	6.63	110	18.00	0.239	1.668	0.14	6.97	0.036	0.7	0.1	317	137.4	19 0.92	10.22		0.0001391			102.1 0.0142		5.86	0.004	352.63
6.625" circle	742.57	6.63	110	17.52	0.239	1.655	0.14	6.91	0.036	0.6	0.1	317	137.1	20 0.92	10.58		0.0001491		161.4			6.28	-0.005	370.15
6.625" circle	736.30	6.63	110	16.84	0.239	1.641	0.14	6.85	0.035	0.6	0.1	316	136.8	21 0.92	10.58		0.0001491			101.8 0.0152		6.27	-0.004	386.99
6.625" circle	730.03	6.63	110	17.52	0.239	1.627	0.14	6.80	0.035	0.6	0.1	315	136.5		11.04		0.0001623		160.5		기 (1) (1)	6.81	0.003	404.51
6.625" circle	723.22	6.63	110	18.00	0.239	1.611	0.14	6.73	0.034	0.6	0.1	315	136.2	23 0.92	11.40		0.0001731		160.0			7.26	-0.006	422.51
6.625" circle	715.97	6.63	110	17.94	0.239	1.595	0.14	6.66	0.034	0.6	0.1	314	136.0	24 0.92	11.40		0.0001731			101.4 0.0175		7.25	-0.006	440.45
6.625" circle	708.72	6.63	110	18.00	0.239	1.579	0.14	6.60	0.033	0.6	0.1	313	135.7	25 0.92	11.80		0.0001854			101.2 0.0188	5.6 ST-0215-5300	7.74	0.004	458.45
6.625" circle	700.98	6.63	110	18.00	0.239	1.562	0.14	6.52	0.032	0.6	0.1	313	135.4	26 0.92	12.13		0.0001959			101.0 0.0198		8.17	0.001	476.45
6.625" circle	692.81	6.63	110	18.29	0.239	1.544	0.14	6.45	0.032	0.6	0.1	312	135.1	27 0.92	12.58				158.0			8.77	0.006	494.74
6.625" circle	684.03	6.63	110	18.00	0.239	1.524	0.14	6.37	0.031	0.6	0.1	311	134.9	28 0.92	12.58		0.0002107			100.7 0.0212		8.77	-0.007	512.74
6.625" circle	675.27	6.63	110	17.52	0.239	1.505	0.14	6.29	0.030	0.5	0.1	311	134.6	29 0.92	12.59		0.0002111			100.6 0.0212		8.77	-0.006	530.26
6.625" circle	666.50	6.63	110	16.84	0.239	1.485	0.14	6.20	0.029	0.5	0.1	310	134.4	30 0.92	12.59					100.5 0.0212		8.76	-0.002	547.10
6.625" circle	657.75	6.63	110	17.52	0.239	1.466	0.14	6.12	0.029	0.5	0.1	310	134.1	31 0.92	12.98		0.0002243			100.3 0.0225		9.30	-0.005	564.62
6.625" circle	648.45	6.63	110	18.00	0.239	1.445	0.14	6.04	0.028	0.5	0.1	309	133.9	32 0.92	13.37	0.017	0.000238			100.2 0.0238		9.85	-0.003	582.62
6.625" circle	638.60	6.63	110	17.94	0.239	1.423	0.14	5.94	0.027	0.5	0.1	309	133.7	33 0.92	13.64		0.0002477			100.0 0.0248			0.004	600.56
6.625" circle	628.37	6.63	110	18.00	0.239	1.400	0.14	5.85	0.026	0.5	0.1	308	133.4	34 0.92	14.00	0.018	0.000261		155.0	99.9 0.0261	10.77		-0.005	618.56
6.625" circle	617.60	6.63	110	18.00	0.239	1.376	0.14	5.75	0.026	0.5	0.1	308	133.2	35 0.92	14.00	0.018	0.000261		154.7	99.8 0.0261	10.76		-0.003	636.56
6.625" circle	606.85	6.63	110	18.29	0.239	1.352	0.14	5.65	0.025	0.5	0.1	307	133.0	36 0.92	14.35		0.0002742	66.8		99.7 0.0273			-0.005	654.85
6.625" circle	595.56	6.63	110	18.00	0.239	1.327	0.14	5.54	0.024	0.4	0.1	307	132.8	37 0.92	14.36		0.0002746	66.7		99.6 0.0273			0.002	672.85
6.625" circle	584.27	6.63	110	17.52	0.239		0.14	5.44	0.023	0.4	0.1	306	132.6	38 0.92	14.37	0.019	0.000275		153.6	99.5 0.0273			0.002	690.37
6.625" circle	572.98	6.63	110	16.84	0.239		0.14	5.33	0.022	0.4	0.1	306	132.4	39 0.92	14.37	0.019	0.000275		153.3	99.4 0.0273	100000000000000000000000000000000000000		0.001	707.21
6.625" circle	561.70	6.63	110	17.52	0.239		0.14	5.23	0.021	0.4	0.1	305	132.2	40 0.92	14.84		0.0002932		152.9	99.2 0.0291	12.01		-0.002	724.73
6.625" circle	549.68	6.63	110	18.00	0.239		0.14	5.12	0.021	0.4	0.1	305	132.1	41 0.92	15.26		0.0003101	66.1		99.2 0.0307	12.69		0.005	742.73
6.625" circle	536.99	6.63	110	17.94	0.239		0.14	5.00	0.020	0.4	0.1	305	131.9	42 0.92	15.26		0.0003101		152.2	99.0 0.0307			-0.005	760.67
6.625" circle	524.31	6.63	110	18.00	0.239		0.14	4.88	0.019	0.3	0.1	304	131.7	43 0.92	16.07		0.0003439		152.0	98.9 0.0340			-0.005	778.67
6.625" circle	510.27	6.63	110	18.00	0.239		0.14	4.75	0.018	0.3	0.1	304	131.5	44 0.92	16.08	0.021	0.0003443		151.7	98.9 0.0340			0.003	796.67
6.625" circle	496.21	6.63	110	18.29	0.239		0.14	4.62	0.017	0.3	0.1	303	131.4	45 0.92	16.08	0.021	0.0003443		151.7	98.8 0.0340	8) <u></u>		0.003	814.96
6.625" circle	482.17		110	18.00		1.074		4.49	0.016	0.3	0.1	303	131.2	46 0.92	16.09		0.0003447	65.5		98.7 0.0340			-0.002	832.96
									3.0.0	0.0	• •	000		10 0.02	.0.03	3.021	0.0000447	55.5	131.3	30.7 0.0340	14.05	14.05	-0.001	032.90

	Pump Typ	oe e	Submers	ible	Pump Eff	iciency	1	7.04				CARPE	ENTER					*			1 ★	distance	
System:	q	d	С	L	Α	Q	R	V	S	h	Elev.	Cum.	psi						.5			from	
Des-	gpm	in.	HP	feet	sq. ft	cfs	hyd.	ft/sec	ft/ft	ft	Chg.	Head		# 0	0 d in 64"	d in '	A ft sq	psi	n 2gh	Q cfs	Q gpm Design	diff. pivot	
cription							**************************************		eff.					2.00				po.	9	Q 013	a gpin sesign	diii. pivot	
6.625" circle	468.12	6.63	110	17.52	0.239 1	.043	0.14	4.36	0.015	0.3	0.1	303	131.1	47 0.92	2 16.10	0.021	0.0003452	65.4 151.0	98.6	0.0340	14.06 14.05	0.006 850.48	
6.625" circle	454.07	6.63	110	16.84	0.239 1	.012	0.14	4.23	0.014	0.2	0.1	302	131.0	48 0.92	2 16.10	0.021	0.0003452	65.3 150.8		0.0340	14.04 14.05	-0.005 867.32	
6.625" circle	440.02	6.63	110	17.52	0.239 0	.980	0.14	4.10	0.014	0.2	0.1	302	130.9	49 0.92		0.021	0.0003447	65.2 150.6		0.0339	14.02 14.01	0.007 884.84	
6.625" circle	426.01	6.63	110	18.00	0.239 0	.949	0.14	3.97	0.013	0.2	0.1	302	130.7	50 0.92			0.0003812	65.1 150.3	3 28 20 20	0.0375	15.49 15.48	0.007 884.84	
6.625" circle	410.52	6.63	110	17.94	0.239 0	.915	0.14	3.82	0.012	0.2	0.1	302	130.6	51 0.92			0.0003812	65.0 150.		0.0375	15.48 15.47	0.006 920.78	
6.625" circle	395.04	6.63	110	18.00	0.239 0	0.880	0.14	3.68	0.011	0.2	0.1	301	130.5	52 0.92			0.0003808	64.9 149.9		0.0373	15.45 15.45		
6.625" circle	379.60	6.63	110	18.00	0.239 0	.846	0.14	3.53	0.010	0.2	0.1	301	130.4	53 0.92			0.0004167	64.8 149.		0.0374	16.89 16.90	-0.004 938.78	
6.625" circle	362.70	6.63	110	18.29	0.239 0	.808	0.14	3.38	0.010	0.2	0.1	301	130.3	54 0.92				64.7 149.4		0.0409	16.90 16.90	-0.009 956.78 -0.003 975.07	
6.625" circle	345.81	6.63	110	18.00	0.239 0	.771	0.14	3.22	0.009	0.2	0.1	301	130.2	55 0.92		2000	0.0004172	64.7 149.4		0.0409	16.90 16.90		
6.625" circle	328.91	6.63	110	17.52	0.239 0	.733	0.14	3.06	0.008	0.1	0.1	301	130.1	56 0.92			0.0004172	64.6 149.2		0.0409	16.92 16.92	-0.003 993.07	
6.625" circle	311.99	6.63	110	16.84	0.239 0	.695	0.14	2.90	0.007	0.1	0.1	300	130.1	57 0.92			0.0004181	64.6 149.2		0.0410	16.92 16.92	0.002 1010.59 0.002 1027.43	
6.625" circle	295.07	6.63	110	17.52	0.239 0	.657	0.14	2.75	0.007	0.1	0.1	300	130.0	58 0.92			0.0004176	64.5 149.0		0.0409	16.89 16.88	0.002 1027.43	
6.625" circle	278.18	6.63	110	18.00	0.239 0	.620	0.14	2.59	0.006	0.1	0.1	300	129.9	59 0.92			0.0004557	64.5 149.0		0.0446	18.43 18.42	0.010 1044.95	
6.625" circle	259.75	6.63	110	17.94	0.239 0	.579	0.14	2.42	0.005	0.1	0.1	300	129.9	60 0.92			0.0004557	64.4 148.		0.0446	18.42 18.42	-0.004 1080.89	
6.625" circle	241.33	6.63	110	18.00	0.239 0	.538	0.14	2.25	0.004	0.1	0.1	300	129.8	61 0.92	7		0.0004552	64.4 148.		0.0446	18.40 18.40	-0.004 1080.89	
6.625" circle	222.94	6.63	110	18.00	0.239 0	.497	0.14	2.08	0.004	0.1	0.1	300	129.8	62 0.92			0.0004547	64.3 148.5		0.0445	18.36 18.36	0.002 1116.89	
6.625" circle	204.57	6.63	110	18.29	0.239 0	.456	0.14	1.90	0.003	0.1	0.1	300	129.7	63 0.92		0.025	0.000496	64.3 148.5		0.0485	20.03 20.02	0.002 1116.89	
6.625" circle	184.55	6.63	110	18.00	0.239 0	.411	0.14	1.72	0.003	0.0	0.1	299	129.7	64 0.92			0.0004965	64.3 148.5		0.0486	20.05 20.02	0.008 1153.18	
6.625" circle	164.50	6.63	110	17.52	0.239 0	.367	0.14	1.53	0.002	0.0	0.1	299	129.6	65 0.92			0.0004557	64.2 148.3		0.0445	18.39 18.38	0.008 1153.18	
6.625" circle	146.11	6.63	110	16.83	0.239 0	.326	0.14	1.36	0.002	0.0	0.1	299	129.6	66 0.92			0.0004547	64.2 148.3		0.0444	18.35 18.34	0.007 1170.70	
6.625" circle	127.76	6.63	110	17.52	0.239 0	.285	0.14	1.19	0.001	0.0	0.1	299	129.6	67 0.92				64.2 148.3		0.0522	21.55 21.55	0.004 1205.05	
6.625" circle	106.21	6.63	110	18.00	0.239 0	.237	0.14	0.99	0.001	0.0	0.1	299	129.5	68 0.92			0.0005342	64.2 148.3	500000	0.0522	21.55 21.55	0.004 1203.05	
6.625" circle	84.65	6.63	110	17.94	0.239 0	.189	0.14	0.79	0.001	0.0	0.1	299	129.5	69 0.92				64.2 148.3	2 200.00	0.0522	21.55 21.56	-0.006 1240.99	
6.625" circle	63.10	6.63	110	18.00	0.239 0	.141	0.14	0.59	0.000	0.0	0.1	299	129.5	70 0.92				64.2 148.3		0.0522	21.55 21.55	0.004 1258.99	
6.625" circle	41.54	6.63	110	18.00	0.239 0	.093	0.14	0.39	0.000	0.0	0.1	299	129.5	71 0.92		0.026	0.0005337	64.2 148.3		0.0522	21.53 21.53	-0.007 1276.99	
6.625" circle	20.01	6.63	110	17.92	0.239 0	.045	0.14	0.19	0.000	0.0	0.1	299	129.4	72 0.92		0.025	0.000496	64.2 148.3		0.0322	20.01 20.01	0.002 1294.91	
																	3.000.00	5 T.Z 1-10.0	01.1	0.0400	814.34	0.002 1294.91	
																					014.04		

RECEIVED

OCT 06 2008

WATER RESOURCES DEPT SALEM, OREGON

COPPOCK	
Submersible	

Pump Efficiency

Pump Type

Lateral Movement Line Sprinkler System

7.04

RECEIVED OCT 06 2008

System:																				L	161	06 2	908
Des-	q	d	C	L	Α	Q	R	V	S	h	Elev.	Cum.	psi							WATE	D De-		SDEPT
cription	gpm	in.	HP	feet	sq. ft	cfs	hyd.	ft/sec	ft/ft		Chg.		PO.		VALMO	NT INDUST	TRIES INC	CIRCLE	INSTALLED B	MANE	HES	OURCE	SDERT
Sub Pump	500.47	12.00	200		5	1.115	V/Fc		eff.	1262.1	4.0	1258	544.8			KLER DESIG		J. OIIYOLL	PENDLETON (SPAINS	BARN	OREC	ODEPT
steel well pipe	500.47	4.50	110	976.60	0.110	1.115	0.09	10.10	0.114	111.2	440.0	707	306.1				•		LINDLETON	SIVAIN G	KOWE	MONEG	JN
control system	500.47	4.00	110	40.00	0.087	1.115	0.08	12.78	0.202	8.1	0.0	699	302.6										
regulator	500.47		110	2.00	0.087			12.78	0.202	-534.9	0.0	164	71.0										
12" steel main	500.47			1320.00	0.785		0.25	1.42	0.001		-91.0	254	109.8										
10" steel main	500.47			1460.00	0.545		0.21	2.04	0.002	3.4	42.0	208	90.2										
6" pvc	500.47	6.00	13.1	1420.00	0.196		0.13	5.68	0.018	25.5	-42.0	225	97.3										distance
6"pvc 6.25" circle	500.47 500.47	6.00 6.63	140 110	1260.00 32.40	0.196		0.13	5.68	0.018	22.6	0.0	202	87.5	720	. Pw								from
6.25" circle	498.74	6.63	110	17.52	0.239		0.14	4.66	0.017 0.017	0.6	2.0	200	86.4		d in 64"	d in '	A ft sq	psi	h 2gh Q cfs	Q gpm:	Design	diff.	pivot
6.25" circle	497.01	6.63	110	16.84	0.239		0.14	4.64 4.63	0.017	0.3	-3.0 -3.0	202	87.6	1 0.92	5.46		0000397		0 105.5 0.0042	1.73	1.73	-0.000	32.40
6.25" circle	495.29	6.63	110	17.52	0.239		0.14		0.017	0.3	-3.0	205 208	88.7 89.9	2 0.92	5.46	0.007 0.0			7 105.5 0.0042		1.73	-0.001	49.92
6.25" circle	493.57	6.63	110	18.00	0.239		0.14	4.59	0.017	0.3	2.0	205	88.9	3 0.92 4 0.92	5.45 5.45	0.007 0.0			5 105.4 0.0042		1.72	0.001	66.76
6.25" circle	491.85	6.63	110	17.94	0.239		0.14	4.58	0.017	0.3	2.0	203	87.9	5 0.92	5.45	0.007 0.0	0000396		3 105.3 0.0042		1.72	0.000	84.28
6.25" circle	490.13	6.63	110	18.00	0.239		0.14		0.017	0.3	1.0	202	87.4	6 0.92	5.45	2.2.3.	0000396		1 105.3 0.0042	1.72	1.72	-0.001	102.28
6.25" circle	488.41	6.63	110	18.00	0.239		0.14	4.55	0.017	0.3	1	200	86.8	7 0.92	5.46		0000398		8 105.2 0.0042 6 105.1 0.0042		1.72	-0.002	120.22
6.25" circle	486.41	6.63	110	18.30	0.239	1.084	0.14	4.53	0.016	0.3	1	200	86.5	8 0.92	5.88	200	0.000046		6 105.1 0.0042	1.72 2.00	1.72 2.00	0.003	138.22
6.25" circle	484.41	6.63	110	18.00	0.239	1.079	0.14	4.51	0.016	0.3	1	198	85.9	9 0.92	5.88		0.000046		4 105.1 0.0048	2.00	2.00	-0.002 -0.003	156.22 174.52
6.25" circle	482.15	6.63	110	17.52	0.239	1.074	0.14	4.49	0.016	0.3	1	197	85.4	10 0.92	6.26		0000522		1 105.0 0.0055	2.26	2.26	0.003	192.52
6.25" circle	479.89	6.63	110	16.84	0.239		0.14	4.47	0.016	0.3	1	196	84.8	11 0.92	6.26		0000522		9 104.9 0.0055	2.26	2.26	0.002	210.04
6.25" circle	477.63	6.63	110	17.52	0.239		0.14	4.45	0.016	0.3	1	195	84.3	12 0.92	6.26		0000522		7 104.8 0.0055	2.26	2.26	-0.001	226.88
6.25" circle	475.08	6.63	110	18.00	0.239		0.14	4.42	0.016	0.3	1	193	83.7	13 0.92	6.65	0.009 0.0	0000589		7 104.8 0.0062	2.55	2.55	-0.001	244.40
6.25" circle	472.25	6.63	110	17.94	0.239		0.14	4.40	0.016	0.3	1	192	83.2	14 0.92	7.01	0.009 0.0	0000654	73.8 170.	4 104.8 0.0069	2.83	2.83	0.001	262.40
6.25" circle	469.42	6.63	110	18.00	0.239		0.14	4.37	0.015	0.3	1	191	82.6	15 0.92	7.01	0.009 0.0	0000654		2 104.7 0.0069	2.83	2.83	-0.001	280.34
6.25" circle	466.60	6.63	110	18.00	0.239		0.14	4.34	0.015	0.3	-3.0	194	83.8	16 0.92	7.01	0.009 0.0	0000654	73.6 170.	0 104.6 0.0068	2.83	2.83	-0.003	298.34
6.25" circle 6.25" circle	463.42 460.25	6.63 6.63	110 110	18.29 18.00	0.239		0.14	4.31	0.015	0.3	-3.0	196	85.0	17 0.92	7.43	0.010 0.0			7 104.6 0.0077	3.17	3.17	0.003	316.34
6.25" circle	457.08	6.63	110	17.52	0.239		0.14	4.28 4.25	0.015 0.015	0.3	-3.0 2.0	199	86.2	18 0.92	7.43	0.010 0.0			7 104.6 0.0077	3.17	3.17	0.003	334.63
6.25" circle	453.56	6.63	110	16.84	0.239		0.14	4.22	0.013	0.3	2.0	197 194	85.2 84.2	19 0.92 20 0.92	7.43	0.010 0.0			5 104.5 0.0077	3.17	3.17	0.001	352.63
6.25" circle	450.04	6.63	110	17.52	0.239		0.14	4.19	0.014	0.2	1.0	193	83.7	21 0.92	7.83 7.83		0000816		3 104.4 0.0085	3.52	3.52	-0.000	370.15
6.25" circle	446.22	6.63	110	18.00	0.239		0.14	4.15	0.014	0.3	1.0	192	83.1	22 0.92	8.16	0.010 0.0			1 104.3 0.0085	3.52	3.52	-0.003	386.99
6.25" circle	442.41	6.63	110	17.94	0.239		0.14	4.12	0.014	0.2	1	191	82.8	23 0.92	8.15	0.011 0.0			1 104.3 0.0093 8 104.3 0.0092	3.82	3.82	-0.000	404.51
6.25" circle	438.20	6.63	110	18.00	0.239	0.976	0.14	4.08	0.014	0.2	1	190	82.3	24 0.92	8.58		.000098		6 104.3 0.0092	3.81 4.22	3.81 4.22	-0.002	422.51
6.25" circle	433.98	6.63	110	18.00	0.239	0.967	0.14	4.04	0.013	0.2	1	189	81.7	25 0.92	8.58		.000098		4 104.1 0.0102	4.22	4.22	-0.003 0.004	440.45
6.25" circle	429.42	6.63	110	18.29	0.239	0.957	0.14	4.00	0.013	0.2	1	188	81.2	26 0.92	8.93	0.012 0.0			4 104.1 0.0111	4.57	4.57	-0.005	458.45 476.45
6.25" circle	424.84	6.63	110	18.00	0.239		0.14	3.95	0.013	0.2	1	186	80.7	27 0.92	8.94	0.012 0.0			1 104.1 0.0111	4.57	4.57	0.002	494.74
	419.81	6.63	110	17.52	0.239		0.14	3.91	0.013	0.2	1	185	80.1	28 0.92	9.38	0.012 0.0			9 104.0 0.0122	5.03	5.03	0.000	512.74
6.25" circle	415.24	6.63	110	16.84	0.239		0.14	3.87	0.012	0.2	1	184	79.6	29 0.92	8.94	0.012 0.0			9 104.0 0.0111	4.57	4.57	-0.001	530.26
6.25" circle	410.22	6.63	110	17.52	0.239		0.14	3.82	0.012	0.2	1	183	79.1	30 0.92	9.38	0.012 0.0			7 103.9 0.0122	5.03	5.03	-0.003	547.10
6.25" circle 6.25" circle	405.20 399.80	6.63 6.63	110	18.00	0.239		0.14	3.77	0.012	0.2	-3.0	185	80.3	31 0.92	9.37	0.012 0.0		72.6 167.	7 103.9 0.0121	5.02	5.02	-0.004	564.62
6.25" circle	393.93	6.63	110 110	17.94 18.00	0.239 (0.14	3.72 3.67	0.011	0.2	-3.0	188	81.5	32 0.92	9.73	0.013 0.0			4 103.8 0.0131	5.41	5.41	-0.005	582.62
6.25" circle	388.08	6.63	110	18.00	0.239		0.14	3.61	0.011 0.011	0.2	2.0	186	80.5	33 0.92	10.14	0.013 0.0			2 103.8 0.0142	5.87	5.87	-0.004	600.56
6.25" circle	382.21	6.63	110	18.29	0.239		0.14	3.56	0.011	0.2	1.0	184 183	79.6	34 0.92	10.13	0.013 0.0			2 103.8 0.0142	5.85	5.86	-0.005	618.56
6.25" circle	375.94	6.63	110	18.00	0.239		0.14	3.50	0.011	0.2	1.0	183	79.1 78.6	35 0.92 36 0.92	10.14	0.013 0.0			0 103.7 0.0142	5.86	5.86	0.002	636.56
6.25" circle	369.67	6.63	110	17.52	0.239		0.14	3.44	0.010	0.2	1	181	78.2	36 0.92	10.49 10.49	0.014 0.0			0 103.7 0.0152	6.27	6.27	0.004	654.85
6.25" circle	363.40	6.63	110	16.84	0.239		0.14	3.38	0.010	0.2	1	179	77.7	38 0.92	10.49	0.014 0.0 0.014 0.0			7 103.6 0.0152	6.27	6.27	-0.001	672.85
6.25" circle	357.14	6.63	110	17.52	0.239		0.14	3.32	0.009	0.2	1	178	77.2	39 0.92	10.49	0.014 0.0			7 103.6 0.0152	6.27	6.27	-0.001	690.37
6.25" circle	350.32	6.63	110	18.00	0.239		0.14	3.26	0.009	0.2	1	177	76.7	40 0.92	10.43	0.014 0.0			5 103.6 0.0152 5 103.6 0.0165	6.27	6.27	-0.005	707.21
6.25" circle	343.52	6.63	110	17.94	0.239	0.765	0.14	3.20	0.009	0.2	1	176	76.2	41 0.92	10.93				3 103.5 0.0165	6.81 6.80	6.81 6.80	0.004	724.73
6.25" circle	336.26	6.63	110	18.00	0.239		0.14	3.13	0.008	0.1	1	175	75.7	42 0.92	11.30				3 103.5 0.0176	7.26	7.26	-0.003 0.005	742.73 760.67
6.25" circle	329.01	6.63	110	18.00	0.239	0.733	0.14	3.06	0.008	0.1	1	174	75.2	43 0.92	11.29	0.015 0.0			1 103.4 0.0176	7.25	7.25	-0.003	778.67
																			THE CONTRACTOR OF THE PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS OF	T		0.000	

					COPPO	CK																			distance
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cription	gpm	in.	HP	feet	sq. ft	cfs	hvd.	ft/sec	ft/ft			Head		C	d in 64"	d in '	A ft sq	psi	h	2gh	Q cfs	Q gpm Des	an	diff. p	
	0,										3						71 11 34	poi		zgri	Q CIS	Q gpin Jes	gn	um. p	JIVOL
6.25" circle	321.26	6.63	110	18.29	0.239	0.716	0.14	2.99	0.008	0.1	1	173	74.7	44 0.92	11.68	0.015	0.0001817	71 0	166 1	102.4	0.0100	7.76 7.	76	0.000	700.07
		6.63	110	18.00	0.239		0.14	2.92	0.007	0.1	-3.0	175	76.0	45 0.92	11.68		0.0001817					7.76 7.		0.006	796.67
6.25" circle		6.63	110	17.52	0.239		0.14	2.85	0.007	0.1	-3.0		77.2	46 0.92	11.68		0.0001817							0.006	814.96
6.25" circle	298.00	6.63	110	16.84	0.239		0.14	2.77	0.007	0.1	-3.0	181	78.5	47 0.92	11.68		0.0001817					7.75 7.		0.001	832.96
6.25" circle		6.63	110	17.52	0.239		0.14	2.70	0.006	0.1	2.0	179	77.5	48 0.92	11.68		0.0001817					7.75 7.		0.001	850.48
6.25" circle		6.63	110	18.00	0.239		0.14	2.63	0.006	0.1	2.0	177	76.6	49 0.92	12.00							7.75 7.		0.001	867.32
6.25" circle		6.63	110	17.94	0.239		ALEXANDER V	2.55	0.006	0.1	1.0	176	76.2	50 0.92	12.00		0.0001917					8.18 8.		-0.004	884.84
6.25" circle	265.14		110	18.00	0.239		0.14	2.47	0.005	0.1	1.0	175	75.7	51 0.92	12.42		0.0001917					8.18 8.		0.006	902.84
6.25" circle		6.63	110	18.00	0.239		0.14	2.39	0.005	0.1	4	174	75.7	52 0.92	12.42		0.0002054 0.0002054					8.76 8.	0.55	-0.002	920.78
6.25" circle		6.63	110	18.29	0.239		0.14	2.30	0.005	0.1		173	74.8	53 0.92	12.42		0.0002034					8.75 8.		0.002	938.78
6.25" circle		6.63	110	18.00	0.239		0.14	2.21	0.004	0.1	,	172	74.3	54 0.92	12.81							9.31 9.		0.000	956.78
6.25" circle		6.63	110	17.52	0.239		0.14	2.13	0.004	0.1	4	171	73.9	55 0.92	12.81		0.0002185					9.31 9.		0.000	975.07
6.25" circle	219.71	6.63	110	16.84	0.239		0.14		0.004	0.1	1	170	73.4	56 0.92	12.42		0.0002185					9.31 9.			993.07
6.25" circle	210.40	6.63	110	17.52	0.239		0.14	1.96	0.003	0.1		169	73.0	57 0.92	12.42		0.0002054					8.75 8.			1010.59
6.25" circle		6.63	110	18.00	0.239		0.14	1.87	0.003	0.1	4	167	72.5	58 0.92	13.19		0.0002185					9.30 9.			1027.43
6.25" circle	190.71	6.63	110	17.94	0.239		0.14	1.78	0.003	0.1	,	166	72.0	59 0.92	13.19		0.0002317					9.86 9.			1044.95
6.25" circle	180.48	6.63	110	18.00	0.239		100000000000000000000000000000000000000	1.68	0.003	0.0	,	165	71.6	ACCOUNT OF THE PARTY		0.017						9.83 9.			1062.95
6.25" circle		6.63	110	18.00	0.239		0.14	1.58	0.003	0.0	1	164	71.0	60 0.92	13.43		0.0002402					10.23 10.			1080.89
6.25" circle	159.49	6.63	110	18.29	0.239		0.14	1.48	0.002		1	163		61 0.92	13.43		0.0002402					10.23 10.			1098.89
6.25" circle		6.63	110	18.00	0.239		0.14	1.38	0.002	0.0	1		70.7	62 0.92	13.78		0.0002529					10.77 10.			1116.89
6.25" circle		6.63	110	17.52	0.239		0.14	1.28	0.002	0.0		162	70.3	63 0.92	13.78		0.0002529				Section 1 to the section of the sect	10.76 10.	7765		1135.18
6.25" circle	127.21	6.63	110	16.83	0.239		0.14	1.18	0.002	0.0	1	161	69.8	64 0.92	13.78		0.0002529					10.76 10.	3353		1153.18
6.25" circle		6.63	110	17.52	0.239		0.14	1.08	0.001	0.0	1	160 159	69.4	65 0.92			0.0002529					10.76 10.	2002		1170.70
6.25" circle		6.63	110	18.00	0.239		0.14	0.98	0.001	0.0		158	69.0	66 0.92			0.0002529					10.76 10.			1187.53
6.25" circle		6.63	110	17.94	0.239		0.14	0.98	0.001		1		68.5	67 0.92			0.0002655					11.30 11.			1205.05
6.25" circle			110	18.00	0.239		0.14	0.77	0.001	0.0	1	157	68.1	68 0.92			0.0002655					11.30 11.			1223.05
6.25" circle	70.55		110	18.00	0.239		0.14	0.77		0.0	1	156	67.6	69 0.92			0.0002651					11.28 11.			1240.99
6.25" circle		6.63	110		0.239		110000000000000000000000000000000000000		0.000	0.0	1	155	67.2	70 0.92							0.0291	12.03 12.			1258.99
6.25" circle		6.63	110	17.92 3.94	0.239		0.14	0.54	0.000	0.0	1	154	66.8	71 0.92							0.0291	12.03 12.			1276.99
6.25" circle	40.15		110				0.14	0.44	0.000	0.0	1	153	66.3	72 0.92	700175						0.0273	11.28 11.		0.000	
0.25 CITCIE	40.15	0.03	110	1.60	0.239	0.089	0.14	0.37	0.000	0.0	1	152	65.9				0.0001667					7.09 7.	11000		1298.85
														74 0.92	26.64	0.035	0.000945	71.2	164.4	102.9	0.0972	40.15 40.	15	0.003	1300.45
																						500.47			

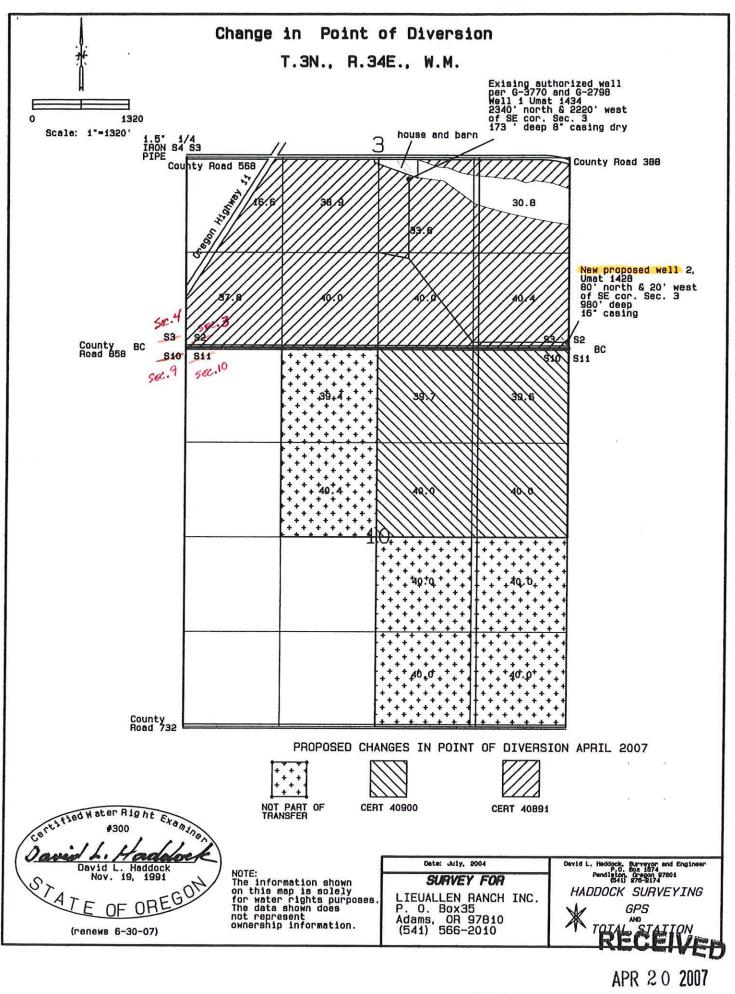


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WATER RESOURCES DEPT SALEM, OREGON



OCT 0 6 2008
WATER RESOURCES DEPT
SALEM, OREGON

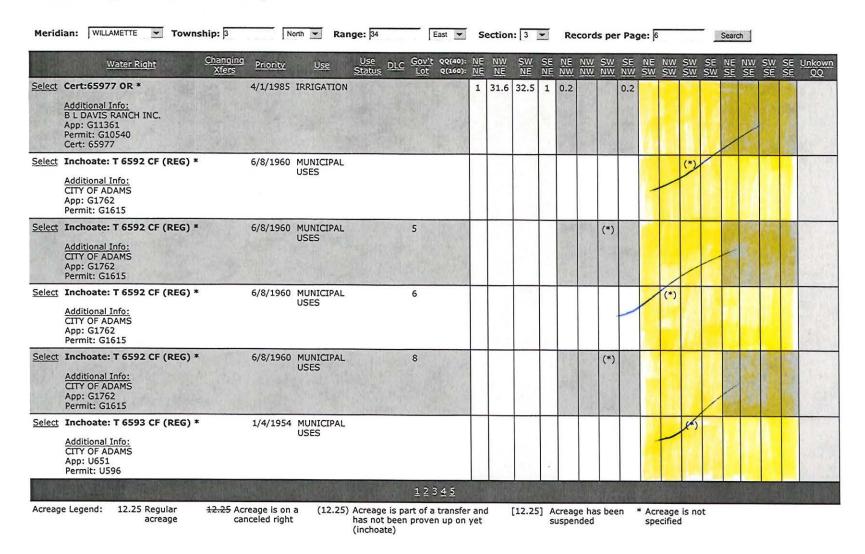


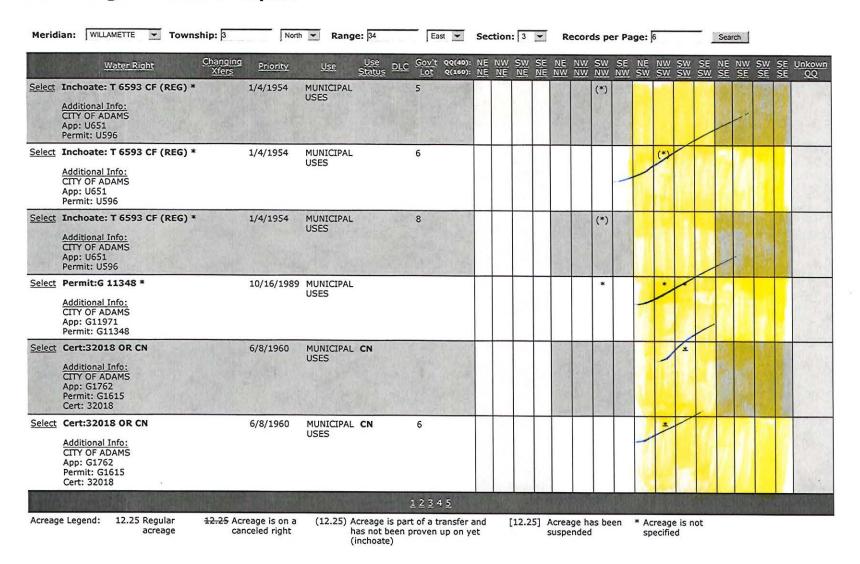
		Water Right	Changing Xfers	Priority	<u>Use</u>	Use Status	DLC Gov't	QQ(40): Q(160):	NE NE	NW NE	SW S	E NE	NW NW	SW NW	SE I	NE NV	SW SW	SE !	NE I	IW S	SW S	SE Uni
	Select	Permit: G 12171 * Additional Info: SHELDON LIEUALLEN App: G12761 Permit: G12171		1/21/1992	IRRIGATION							39.4		THE RESERVE OF THE PERSON NAMED IN	40							
3	Select	Cert:22886 OR * Additional Info: WILLIAM R COPPOCK App: U532 Permit: U483 Cert: 22886		10/24/1952	IRRIGATION					-			8.4	,				200				
_	Select	Cert:40900 OR * Additional Info: LIEUALLEN RANCH INC. App: G4020 Permit: G3770 Cert: 40900	T10374	8/3/1967	IRRIGATION BYE	FCT	Rit		0100	39.7	40 4	V	/									Manager and
	Select	Cert:55726 OR * Additional Info: LIEUALLEN RANCH INC. App: G8520 Permit: G7874 Cert: 55726		11/3/1977	IRRIGATION								(40	40	40	40
R	Select	Cert:55726 OR * Additional Info: LIEUALLEN RANCH INC. App: G8520 Permit: G7874 Cert: 55726		11/3/1977	SUPPLEMENT IRRIGATION (Suppl'mtl)	AL	50)P(-	39.6	39.7	40 4	0 V										

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WE EXTSTANG REGHTS

Me	ridian: WILLAMETTE	Township	: 3	North 💌	Range: 34		East 💌	Sect	ion:	3 🕶		Reco	rds pe	r Pag	ge: 6		-	S	earch	1			
	<u>Water Right</u>	Changing Xfers	Priority	<u>Use</u>	Use DL	Gov't eq	2(40): NE 160): NE	NW NE	SW NE	SE N	E I	NW S	SW SE	NE SV	N\ V S\	N S	w	SE SW	NE SE	NW SE	SW SE	SE SE	Unk Q
Sel	Additional Info: ROB'T MORRISON Decree: UMATILLA RIVEL Cert: 2588	3	12/31/1902	DOMESTIC							N. C. C. C.	*						1			1		
Sel	Additional Info: ELLA BOWLING App: S9632 Permit: S6347 Cert: 5802		6/30/1924	IRRIGATION	V CN				25				¥	Ų							À		
Sel	Additional Info: BERKELEY A DAVIS App: U568 Permit: U520 Cert: 22887		3/10/1953	IRRIGATION	N CN			34.1			3 3	32.9						-					
Sel	Additional Info: LIEUALLEN RANCH INC. App: G3003 Permit: G2798 Cert: 40891	T10374	12/21/1964		r Rt	aftt								38	9	3	7.8	40 3	8.08	33.6	40	40,4	
Sel	Additional Info: LIEUALLEN RANCH INC. App: G3003 Permit: G2798 Cert: 40891	T10374	12/21/1964 5 UBJ		N RAGHT	6									16	.6							
Sel	Additional Info: B L DAVIS RANCH INC. App: G3477 Permit: G3278 Cert: 40895		5/3/1966	IRRIGATION	N CN	1	40							TO SECURITY OF THE PARTY OF THE									THE REAL PROPERTY.
Acre	age Legend: 12.25 Regul acrea		.25 Acreage is canceled r		2.25) Acreage	1 1000			[1	2.25]		eage l	has bee	n ,	Acre		s not				Č.		

	Water Right Chan	ging Priority	Use	Use Status	DLC Gov	t QQ(40): Q(160):	NE NE	NW NE	SW NE	SE NE	NE NW	NW	SW NW	SE NW	NE SW	NW SW	SW SW	SE SW	NE SE	NW SE	SW SE	SE SE
Select	Cert:40895 OR CN Additional Info: B L DAVIS RANCH INC. App: G3477 Permit: G3278 Cert: 40895	5/3/1966	IRRIGATION	CN	2			4														
Select	Cert:40896 OR CN Additional Info: B L DAVIS RANCH INC. App: G3478 Permit: G3279 Cert: 40896	5/3/1966	IRRIGATION	CN					15	40.8				20.2							1	
Select	Cert:40918 OR * Additional Info: CECIL/ANNA MAE RAND App: G4635 Permit: G4359 Cert: 40918	10/8/1968	IRRIGATION		6											2.4	1					
Select	Cert:53386 RR * Additional Info: BERKELEY A DAVIS App: U568 Permit: U520 Cert: 53386	3/10/1953	IRRIGATION								26.1	10.4										
Select	Cert:53655 CF * Additional Info: B L DAVIS RANCH INC. App: G3477 Permit: G3278 Cert: 53655	5/3/1966	IRRIGATION		1		28.8												STATE OF THE PARTY			
Select	Cert:53656 CF * Additional Info: B L DAVIS RANCH INC. App: G3478 Permit: G3279 Cert: 53656	5/3/1966	IRRIGATION							29.4			- 2									
						1234	5		A FI	- Williams	1	Ser. L		1	NEW YORK		To la	1919	7.0	5/6	P. C.	





	Water Right	Changing Xfers	Priority	<u>Use</u>	Use Status	DLC Gov't	QQ(40): Q(160):	NE I	NW S	SW NE	SE NI	NN V NV	SW NW	SE NW	NE SW	NW SW	SW SW	SE SW	NE SE	NW SE	SW SE	SE !	Jnkowr QQ
Select	Permit: G 10763 CN Additional Info: STEELMAN DUFF INC. App: G11700 Permit: G10763		9/26/1987	ROAD CONSTRUCTION	CN						*	-	*	*		~							
Select	Additional Info: B L DAVIS RANCH INC. App: G3478 Permit: G3279 Cert: 40896		5/3/1966	SUPPLEMENTAL IRRIGATION (Suppl'mtl)	CN					25				15									
Select	Cert:55726 OR * Additional Info: LIEUALLEN RANCH INC. App: G8520 Permit: G7874 Cert: 55726			SUPPLEMENTAL IRRIGATION (Suppl'mtl)	TW To	AL.	RI	Q.	Z)	_			(38.9		37.8	40	30.8	33.6	40	40 NC	R
Select	Cert:55726 OR * Additional Info: LIEUALLEN RANCH INC. App: G8520 Permit: G7874 Cert: 55726			SUPPLEMENTAL IRRIGATION (Suppl'mtl)				_								16.6	NC	R	_				

NCR

THIS IS SUPPLEMENTAL WR.

MICHOLOGIC (TROUBLACY HAS THE SAME WELL AS THE NEW PROPOSED WELL.)

TO TRANSFER.

COUNTY OF

feet North and 20 feet West from SE corner Section 3.

UMATILLA

CERTIFICATE OF WATER RIGHT

This is to certify, That

3.5 cubic feet per second

LIEUALLEN RANCH INC.

, State of OR 97810 , has made of Box 15, Adams proof to the satisfaction of the Water Resources Director, of a right to the use of the waters of a well

a tributary of Wildhorse Creek irrigation of 160.0 acres and supplemental irrigation of 437.0 acres

under Permit No. and that said right to the use of said waters has been perfected in G-7874 accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from November 3, 1977 that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed

or its equivalent in case of rotation, measured at the point of diversion from the well. The well is SE 1/4 SE 1/4, Section 3, T3N, R34E, WM; 80

The amount of water used for irrigation, together with the amount secured under any other right one-eightieth of one cubic foot per second existing for the same lands, shall be limited to or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year,

and shall

conform to such reasonable rotation system as may be ordered by the proper state officer. A description of the place of use under the right hereby confirmed, and to which such right is appurtenant, is as follows:

SEE NEXT PAGE

Page two

PRIMARY SUPPLEMENTAL 40.0 acres NE 1/4 SE 1/4 38.9 acres NE 1/4 SW 1/4 40.0 acres NW 1/4 SE 1/4 16.6 acres Lot 6 (NW 1/4 SW 1/4) 40.0 acres SW 1/4 SE 1/4 37.8 acres SW 1/4 SW 1/4 40.0 acres SE 1/4 SE 1/4 Section 10 40.0 acres SE 1/4 SW 1/4 30.8 acres NE 1/4 SE 1/4 33.6 acres NW 1/4 SE 1/4 40.0 acres SW 1/4 SE 1/4 40.0 acres SE 1/4 SE 1/4 Section 3 39.6 acres NE 1/4 NE 1/4 39.7 acres NW 1/4 NE 1/4 40.0 acres SW 1/4 NE 1/4 40.0 acres SE 1/4 NE 1/4 Section 10

Township 3 North, Range 34 East, WM

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein described.

WITNESS the signature of the Water Resources Director, affixed

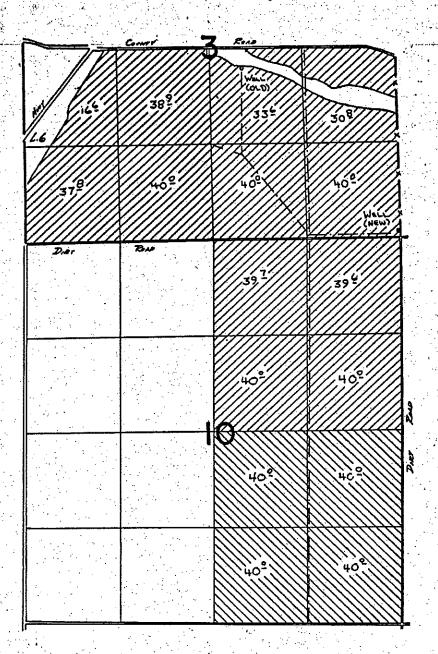
this date. February 18, 1987

WILLIAM H. YOUNG Water Resources Director

Recorded in State Record of Water Right Certificates, Volume 51 , page 55726

8289D/SA G-8520

T. 3N., R. 34E., W.M.



SCALE 1"=1320

WELL (NEW) LOCATED &	80'N	20 W	FROM	SE	COR.	Sec.	3	
PRIMARY	i.			7	Suppl	EMEN	ITAL	

FINAL PROOF SURVEY

Application No. G:8520 Permit No. G:7874...
IN NAME OF
LIEUALLEN RANCH INC.

Surveyed Max. Z.... 1924, by M.h. Church......



Application for Water Right Transfer

Please type or print legibly in dark ink. If your application is incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "N/A" to indicate "Not Applicable." As you complete this form, please refer to notes and guidance included on the application. A summary of review criteria and procedures that are generally applicable to these applications is available at www.wrd.state.or.us/OWRD/PUBS/forms.shtml.

Please check one Permanent Transfer Temporary Transfer total number of years: (begin year:) (end year:) Time-Limited Drought Transfer Other	
Temporary Transfer • total number of years: (begin year:) Time-Limited Drought Transfer	
• total number of years: Time-Limited Drought Transfer	
(begin year:) Drought Transfer	
(
	K
2. APPLICANT INFORMATION	
Name: LIEUALLEN RANCH, INC	
Address: $POBOX35$	
ADAMS OREGON 97810)
Phone: 541-566-2010 CFU 59 Home Work Other Fax: 541-566-2214 E-Mail address: jimlieual	11.010.
Phone: S41-966-2010 Work Other	767
Env. 541-566-2214 F-Mail address: 1 in lieu al	len ah
3. AGENT INFORMATION	
3. AGENT INFORMATION (The agent listed is authorized to represent the applicant in all matters relating to this transfer applicant:	olication.)
	olication.)
(The agent listed is authorized to represent the applicant in all matters relating to this transfer applicant: Last	lication.)
(The agent listed is authorized to represent the applicant in all matters relating to this transfer applicant:	lication.)
(The agent listed is authorized to represent the applicant in all matters relating to this transfer applicant.) Name: First Last	lication.)
(The agent listed is authorized to represent the applicant in all matters relating to this transfer applicant in all matters relating to the second relation in the second relation in all matters relating to the second relation relation in all matters relating to the second relation relati	lication.)

Transfer Application/1

1037 WATER RESOURCES DEPT SALEM, OREGON Com

4. PROPOSED CHANGE(S) TO WATER RIGHT(S)

_	Application / Decree	Permit / Previous Trans	fer Certificate
1.		G2798	40891
2.		G 3770	40900
3.			
4.			
5.	20		
5.			
	,	int of Appropriation [☐ Additional Point of Appropriation
RR	(s) for change(s): WE	CT - DRY WEG	PROVIDES WATER TO
RRU	GATION PROJE	CT - DRY WEG	
escrited to	5. W. te the current water deliving the last 5 years. Include divert, convey and apply is multiple rights that have description must be sufficient conveyed from the authorized plicant is ready, willing, and	ATER DELIVERY SYSTEM or the system or the system or the system or the authorized independent systems, do not to demonstrate that the fulled source and applied at the authorized to exercise the right.	a that was in place at some time s, canals, pipelines and sprinklers ed place of use. If the transfer escribe each system separately.

Last revised: 10/13/2006

RECEIVED

6. EVIDENCE OF BENEFICIAL WATER USE

- Attach one or more Evidence of Use Affidavits (Supplemental Form B) demonstrating that each of the right(s) involved in the transfer have been exercised in the last five years in accordance with the terms and conditions of the right or that a presumption of forfeiture for non-use could be rebutted. The Evidence of Use Affidavit(s) must include supporting documentation such as the following:
 - Copies of receipts from sales of irrigated crops or for expenditures relating to use of water:
 - Records such as Farm Service Agency crop reports, irrigation district records, an NRCS farm management plan, or records of other water suppliers;
 - Dated aerial photographs of the lands or other photographs containing sufficient detail to establish location and date of the photograph; or
 - If the right has not been used during the past five years, documentation that the presumption of forfeiture would be rebutted under ORS 540.610(2).

7. AFFECTED DISTRICTS AND LOCAL GOVERNMENTS

ı	Are any of the water rights proposed for transfer located within or served by an irrigation or other water district? Yes No
	Will any of the water rights be located within or served by an irrigation or other water district after the proposed transfer? Yes No
i.	Is water for any of the rights supplied under a water service agreement or other contract for stored water with a federal agency or other entity? Yes No
	If "Yes", for any of the above, list the name and mailing address of the district, agency and/or entity:
	N/A
	List the name and mailing address of all affected local governments (e.g., county, city, municipal corporation, and tribal governments within whose jurisdiction the rights are located).
	NA



8. LAND OWNERSHIP

П	Does the applicant own the lands FROM which the right is being transferred? Yes \(\subseteq No
	If "No", provide the following information. For Temporary Transfers, also include a <u>notarized statement granting consent</u> to the transfer from <u>each</u> of the landowners:
	Names of Current Landowner(s):
	Address:
	di
	City State Zip
u	Does the applicant own the lands TO which the right is being transferred? Yes □ No □ N/A - NOT APPLICABLE TO INSTREAM TRANSFERS
	If "No", provide the following information:
	Names of Receiving Landowner(s): First Last
	Address:
	City State Zip
1	Check <u>one</u> of the following:
	☐ The receiving landowner will be responsible for completion of the proposed changes after the final order is issued. All notices and correspondence should be sent to this landowner.
	The applicant will remain responsible for completion of changes. Notices and correspondence should continue to be sent to the applicant and applicant's agent.
	□ N/A. (Not applicable. Application is for an Instream Water Right Transfer.)

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to the same of the

Last revised: 10/13/2006

9. ATTACHMENTS

Check each of the following attachments included with this application.

The application will be returned if all required attachments are <u>not</u> included.

Supplemental Form A – Description of Proposed Change(s) to a Water Right A separate Supplemental Form A is enclosed for each water right to be affected by this	Land Use Information Form: ☐ Enclosed; or ☐ Not Required if all of the following are met: • In EFU zone or irrigation district,
transfer. Supplemental Form B — Evidence of Use Affidavit(s) ✓ At least one Evidence of Use Affidavit documenting that the right has been used during the last five years or that the right is not subject to forfeiture under ORS 540.610 is attached. The affidavit provided must be the original (not a copy), and The Evidence of Use Affidavit must be	 ② Change in place of use only, ③ No structural changes needed, including diversion works, delivery facilities, other structures, and ④ Irrigation only. Fees: ☐ Amount enclosed: \$
accompanied by supporting documentation.	Instream Water Right Transfers, also include:
Map Water Right Transfer The map must be prepared by a Certified Water Right Examiner and meet the requirements of OAR 690-380-3100 unless a waiver has been granted. The map provided must be the original, not a copy.	Supplemental Form C − Instream Water Right Transfer Complete this form to describe the desired nature and attributes for the proposed instream water right.
☐ Temporary Transfer or Historical POD Change A map meeting the requirements of OAR 690- 380-3100 must be included but need <u>not</u> be prepared by a Certified Water Right Examiner.	Temporary Transfers, also include: Recorded Deed: ☐ The applicant must submit a copy of the current deed of record for the land from which the
Water Well Report(s)/Well Log(s):	authorized place of use or point of diversion/appropriation is being moved.
The application is for a change in point of appropriation or change from surface water to ground water and copies of all water well reports are attached.	Affidavit of Consent: ☐ If the applicant is NOT the owner of record for the land from which the authorized place of
☐ Water well reports are not available and a description of construction details including well depth, static water level, and information necessary to establish the ground water body developed or proposed to be developed is attached.	use or point of diversion/appropriation is being moved, a notarized statement from the actual owner of record consenting to the proposed transfer must be submitted.
N/A. The application does <u>not</u> involve a change in point of appropriation or a change from surface water to ground water, so water well reports are <u>not</u> required.)	RECEIV

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APR 20 2007

WATER RESOURCES DEPT SALEM OREGON 10374

Before submitting your application to the Department, be sure you have:

- Answered each question completely.
- Included all the required attachments.
- Provided original signatures for <u>all</u> named deed holders, or other parties, with an interest in the water right.
- Included a check payable to the Oregon Water Resources Department for the appropriate amount.

10. SIGNATURES
* Check one of the following, as appropriate, and sign the application in the signature box below:
In accordance with OAR 690-380-3000(13)(a), I (we) understand that prior to Department approval of a permanent transfer and upon my receipt of a draft Preliminary Determination for the proposed transfer, I (we) will be required [pursuant to OAR 690-380-4010(5)] to provide the following landownership information and evidence demonstrating that I (we) are authorized to pursue the transfer:
 (a) A report of ownership and lien information that has been prepared by a title company within the last three months;
(b) A copy of written notification of the proposed transfer provided by the applicant to <u>all</u> lien holders on the subject lands unless the report of ownership and lien information shows that a water right conveyance agreement has been recorded for the subject lands. If a water right conveyance agreement has been recorded for the subject lands, a copy of the agreement and identification of the owner of the lands at the time the agreement was recorded must be submitted; <u>and</u>
(c) If the landowner identified in the report of ownership and lien information is <u>not</u> the applicant, a notarized statement consenting to the transfer (attached) signed by the landowner identified in the report or an authorized representative of the entity to whom the interest in the water right has been conveyed as identified in a water right conveyance agreement or other documentation demonstrating that the applicant is authorized to pursue the transfer in the absence of the consent of the landowner.
I (we) affirm that the applicant is a municipality, as defined in ORS 540.510(3)(b), and that the right is in the name of the municipality or a predecessor. Therefore, pursuant to OAR 690-380-3000(13)(b), the applicant is <u>NOT</u> required to provide the above described report of ownership and lien information.
I (we) affirm that the applicant is an entity with the authority to condemn property and is acquiring the property to which the water right proposed for transfer is appurtenant by condemnation. Documentation is provided with this application supporting this statement. Therefore, pursuant to OAR 690-380-3000(13)(c), the applicant is NOT required to provide the above described report of ownership and lien information. (NOTE: Such an entity may only apply for a transfer under this subsection if it has filed a condemnation action to acquire the property.)
I (we) affirm that the information contained in this application is true and accurate.

Just Ruch by find fuell TIM LIEUALIEN 4/13/07

applicant signature name (print) date

applicant signature name (print) date

Lieuallen Ranch, Inc.

P.O. Box 35 Adams, Or 97819 Ph # (541) 566-2010

Dear Sir or Madam:

It was agreed by the majority of shareholders to authorize the president or a vice president to sign any document in behalf of Lieuallen Ranch, Inc.

Sincerely,

President	Am Jualle	Date 4/1-	3/07
_	Jim Lieuallen		

Vice President	Jah Lienalla	Date	(13/07
	Rich Lieuallen		1

Vice President	fre	Trein Ch	Date 4	//3/	07
/	Toe Lie	ıallen	. ,	,	

'Marla Lieuallen	Secretary Marla Lieuallen	Date _	4 13	M
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Treasurer Mary M. Lieuallen Date 413/07

Water Right Transfer Supplemental Form A DESCRIPTION OF PROPOSED CHANGE(S) TO A WATER RIGHT

List only <u>one</u> water right per page. A <u>separate Supplemental Form A</u> must be completed for each certificate, permit, decree, or other right involved in the proposed transfer.

Attach additional copies of Supplemental Form A as needed to describe other certificates, permits, decrees or other rights involved in this transfer.

Certificate Number or other identifying number:	40900

1. TYPE OF CHANGE(S) PROPOSED

(Check all that apply.)

Point of Diversion or Appropriation	Place of Use	Character of Use
Change (The old point of diversion or appropriation will not be used for the portion of the water right affected by the transfer.) Additional (Both the old and new points of diversion or appropriation will be used for the portion of the water right affected by the transfer.) Historic Point of Diversion or Appropriation Change (Unauthorized point of diversion or appropriation used for more than 10 years.) Surface Water to Ground Water (A new point of appropriation will be used instead of the old point of diversion. The old point of	☐ All of the right will be exercised at a different location than currently authorized (Use of water at the current location will be discontinued.) ☐ Only a portion of the right will be exercised at a different location than currently authorized (Use of water at the current location will be discontinued.)	Proposed new use: Irrigation Municipal Quasi-municipal Commercial Industrial Instream (complete and attach Supplemental Form C) Domestic (indicate number of households) Other
diversion will not be used.) Point of Diversion Change due to Government Action (The old point of diversion or appropriation can no longer be used due to government action.) Exchange (Water from another source will be used in exchange for supplying an equal amount of replacement water to that source.)		primary surface water right.) Supplemental Use to Primary Use (Primary water right shall be cancelled and the supplemental water right will change to primary use.)

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Description of Proposed Change(s) to a Water Right

APR 20 2007

2. CURRENT WATER RIGHT INFORMATION

Water Right Subject to Transfer (check and complete one of the following): Certificated Right Certificate Number Permit Number or Decree Name Adjudicated, Non-certificated Right Name of Decree Page Number Permit for which Proof has Date Claim of Beneficial Use Permit Number been Approved Submitted Transferred Right for which Proof has been Filed Previous Transfer Number Date Claim of Beneficial Use Submitted Name on Permit, Certificate, or Decree: LIEUALLEN RANCH, INC County: UMATILLA Authorized Use(s) to be Affected by Transfer: Priority Date(s): 8/3/67 (1967) If there are multiple Priority Dates identified on the water right, any information provided on pages 3 through 6 of this form must identify which priority date is associated with each of the authorized and proposed points of diversion or appropriation and places of use. Source(s) of Water to be Affected by Transfer: Tributary to: If there are multiple Sources listed on the water right, any information provided on pages 3 through 6 of this form must identify which source is associated with each of the authorized and proposed points of diversion or appropriation and places of use. For applications proposing a Change in Place of Use or Character of Use: Are there Other Water Rights, Permits or Ground Water Registrations associated with this land? ☐ Yes □ N/A – No Change in Place of Use or Character of Use If "Yes", what are the Permit, Registration or Certificate Numbers? Pursuant to ORS 540.510, any "layered" water use or a right that is supplemental to a primary right proposed for transfer must be included in the transfer or be

cancelled, except as provided in OAR 690-380-2240(5).

B	Certificate Number or other identifying number:	40900

The following information must be provided <u>only</u> for those points of diversion or appropriation that are involved in the transfer (i.e., <u>list only the portion of the water right you propose to transfer.</u>) Attach additional pages as necessary.

Government lot and donation land claim numbers must be included in the tables below only if the information is reflected on the existing water right.

Location of Existing Authorized Point(s) of Diversion or Appropriation to be Changed:

(i.e., the allowed point(s) of diversion or appropriation listed on the water right that will be affected by the proposed transfer, the "FROM" point(s) of diversion or appropriation)

If Ground Water, OWRD Well Log ID No. (or Well ID Tag No. L)	Source and Priority Date	Township	Range	Mer	Sec	1	Tax Lot, DLC or Gov't Lot	Survey Coordinates (coordinates from a recognized survey comer)
UMAT 1434	GROUND 8/3/1967	3N	34E	W	3	WW44SE14	C v	2340 feet NORTH + 2220 feet WEST FROM SE CORNER OF SECTION 3
		-7 51	400					Terror Section S
		V	= . CY=					

 Does the water right being transferred involve a ground water source 	8	Does the	water right	being t	ransferred	involve a	ground	water	source(s	5)?
--	---	----------	-------------	---------	------------	-----------	--------	-------	----------	-----

Yes No (Surface water source only.)

If "Yes", for each authorized point of appropriation (well) involved, you must either:

A. Supply a copy of the well log(s) for <u>each</u> point of appropriation that is clearly labeled and associated with the corresponding well in the table above and on the accompanying application map. (<u>NOTE</u>: You may search for well logs on the Department's web page at: http://www.wrd.statc.or.us)

or

B. If a well log is <u>not</u> available, you must describe the construction of the authorized point of appropriation by completing the table below. Attach additional copies as necessary.

Construction of Existing Authorized Point(s) of Appropriation – (Only needed if <u>no</u> well log is available.)
Wells in this listing must be clearly tied to corresponding well location(s) described in the table above and shown on the accompanying application map.

OWRD Well No. as identified in table above	Diameter	Type and size of casing	No. of feet of casing	Intervals casing is perforated (in feet)	Seal depth	Est. depth to water	Est. depth to water bearing stratum	Type of access port or measuring device	Total well depth
				N	χ				

- 3 -

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Supplemental Form A

Description of Proposed Change(s) to a Water Right

10374 WATER RESOURCES DEP

a	Certificate Number or other identifying number:	40900
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The following information must be provided <u>only</u> for those places of use that are involved in the transfer (i.e., <u>list only the portion of the water right you propose to transfer</u>.) Attach additional pages as necessary.

Government lot and donation land claim numbers must be included in the tables below only if the information is reflected on the existing water right.

Location of Existing Authorized Place of Use to be Affected:

(i.e., the allowed lands listed on the water right that will be affected by the proposed transfer, the "FROM" lands)

Source and Priority Date	Township	Range	Mer	Sec	¼ ¼ Section	Tax Lot, DLC or Gov't Lot	Acres (if applicable)
GROUND 3/3/1967 £	3N	34F	W	10	NE/4 NE1/4		39.6
ñ	u	11	tr	11	NW/4NE/4		39.7
11	u	te	n	a.	NWY4NEYL SWY4NEY	t	40.0
le	1/	q	11	u	SE44NE 1/4		40.0
		V.		-4			
	No.						
							4
							N

Surve	ey coord	posed ch linates de	anges to escribed l	the war	ter rig hould	GES TO T ght involving accurately itional pages	g point(s) o	f diversion	on and/or		tion.
I.	ocation	of Prop	osed Poi	nt(s) of or appro	f Dive	ersion or Ap	opropriati N/A	on: astream Wa			<i>l.)</i>
Sour		Township	Range	Mer	Sec	1/4 1/4 Section	Tax Lot, DLC or Gov't Lot	(coord	Survey Contacts from contacts	Coordinates a recognized su mer)	ırvey
GROU	ND	3N	34E	W	3	SE14SE14		WESTF	FROM TI	AND 20 HE SE CO	Feet
	4							or si	ECTION	3	
						1		1			
•	well(s listed If "Ye well, o	s) already above. es", attac or if well	ch and classics of the construction of the con	eted? early lare re <u>not</u> a	Ye bel th	e correspon ble, describe	No ding well in the constitution of the const	N/A - No log(s) for ruction of	o propos <u>each</u> pro (the well	ed well(s) oposed l(s) using	SAME
•	well(s listed If "Ye well, o the ta http://	s) already above. es", attac or if well ble below www.wrd	y construct th and clo log(s) and v. (<u>NOTE</u> state or u	eted? early la ee <u>not</u> a e You ma	Ye bel th vaila ay sea	s 🗆	No Inding well is the constitution on the constitution of the co	N/A - No log(s) for ruction of Departmen	o propos <u>each</u> pro f the well nt's web p	ed well(s) oposed l(s) using oage at:	- Chicago Line
C Well i	well(s listed If "Ye well, o the tac http:// If "No follow construct	s) already above. es", attacor if well ble below www.wrd o", descriving table thin this listin	ch and cla l log(s) ar v. (NOTE. state.or.u ribe the ar e: Proposed	eted? early la ee <u>not</u> a e You me s) nticipal Point(clearly to	bel the vailar sea co	s ne correspon ble, describe rch for well l	No I ding well is the constitution of the propertion or Weight	N/A - No log(s) for ruction of Department possed well ell(s)	each pro each pro the well nt's web p	ed well(s) pposed l(s) using page at:	AS CERT #
Well is shown /ell eady hilt?	well(s listed If "Ye well, o the tac hup:// If "Ne follow Construct numbers in on the ac If an exis well, OW Well Log I (or Well II	s) already above. es", attacor if well ble below wing table etion of I in this listing land bloom by the companying table etion of I in this listing land bloom by the companying land bloom blo	ch and cle log(s) ar v. (NOTE. l.state.or.u ribe the ar	eted? early la ee <u>not</u> a e You me s) nticipal Point(clearly to	ye Ye bel the vailable ay sea ded co	s The correspond The corres	No Iding well is the constitution or the propertion or We well location als is Seal depth	N/A - No log(s) for ruction of Department possed well ell(s)	each pro each pro the well nt's web p	ed well(s) pposed l(s) using page at:	AS CERT #
Well is shown 'ell eady iilt?	well(s listed If "Ye well, o the ta. http:// If "No follow Construct numbers in on the ac If an exis well, OW Well Log I (or Well II	s) already above. es", attacor if well ble below www.wrd o", descriving table etion of In this listing companying table D No. D Tag	ch and cle l log(s) ar v. (NOTE. state.or.u ribe the ar e: Proposed ng must be ng applicat	early la ee not a You may reprint (clearly to ion map. Type and size of	ye Ye bel the vailable ay sea ded co	s	No Iding well is the constitution or the propertion or We well location als is Seal depth	N/A - No log(s) for ruction of Department oosed well (s) a(s) described Est. depth to	each profithe well int's web put a left in the test. Est. depth to water bearing	ed well(s) opposed l(s) using oage at: e Type of access port or measuring	ASCERT #
Well is shown 'ell eady iilt?	well(s listed If "Ye well, o the ta. http:// If "No follow Construct numbers in on the ac If an exis well, OW Well Log I (or Well II	s) already above. es", attacor if well ble below www.wrd o", descriving table etion of In this listing companying table D No. D Tag	ch and cle l log(s) ar v. (NOTE. state.or.u ribe the ar e: Proposed ng must be ng applicat	early la ee not a You may re point(clearly to ion map. Type and size of	ye Ye bel the vailable ay sea ded co	s	No Iding well is the constitution or the propertion or We well location als is Seal depth	N/A - No log(s) for ruction of Department oosed well (s) a(s) described Est. depth to	each profithe well int's web put a left in the test. Est. depth to water bearing	ed well(s) opposed l(s) using oage at: e Type of access port or measuring	ASCERT #

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cribe proposed c w should accura lication map. Att	tely corresp	ond to the	prop	osed pla			
Location of Prop	*				5 :===0		· Right Transfe
Source	Township	Range	Mer	Sec	Y Y Section	Tax Lot; DLC or Gov't Lot	Acres (if applicable
GROUND	3N	34E	W	10	NEY4NEY4		-39.6
4	lr.	"	7	11	NW/4 NE14		39.7
4	"	"	u	a	SW14NE44		40.0
11	k	11	"	11	SE14 NE 14		40.0
		h h					
	-				, ~		
	\wedge	10	EH	AN	GE		
							-
				19			

Water Right Transfer Supplemental Form A DESCRIPTION OF PROPOSED CHANGE(S) TO A WATER RIGHT

List only one water right per page. A separate Supplemental Form A must be completed for each certificate, permit, decree, or other right involved in the proposed transfer.

Attach additional copies of Supplemental Form A as needed to describe other certificates, permits, decrees or other rights involved in this transfer.

 Certificate Number or other identifying num 	per: 40 891
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1. TYPE OF CHANGE(S) PROPOSED

(Check all that apply.)

Point of Diversion or Appropriation	Place of Use	Character of Use
Change (The old point of diversion or appropriation will <u>not</u> be used for the portion of the water right affected by the transfer.) Additional (Both the old <u>and</u> new points of diversion or appropriation will be used for the portion of the water right affected by the transfer.) Historic Point of Diversion or Appropriation Change (Unauthorized point of diversion or appropriation	☐ All of the right will be exercised at a different location than currently authorized (Use of water at the current location will be discontinued.) ☐ Only a portion of the right will be exercised at a different location than currently authorized (Use of water at the current location will be discontinued.)	Proposed new use: Irrigation Municipal Quasi-municipal Commercial Industrial Instream (complete and attach Supplemental Form C) Domestic (indicate number of households)
diversion or appropriation used for more than 10 years.) □ Surface Water to Ground Water (A new point of appropriation will be used instead of the old point of diversion. The old point of diversion will not be used.) □ Point of Diversion Change due to Government Action (The old point of diversion or appropriation can no longer be used due to government action.)	7 · 8 · 8 · 8 · 8 · 8 · 8 · 8 · 8 · 8 ·	☐ Other ☐ Substitution (A supplemental ground water right will be substituted for a primary surface water right.) ☐ Supplemental Use to Primary Use (Primary water right shall be cancelled and the supplemental water right will change to primary use.)
Exchange (Water from another source will be used in exchange for supplying an equal amount of replacement water to that source.)	×	

2. CURRENT WATER RIGHT INFORMATION

Water Right Subject to Transfer (check and complete one of the following): Certificated Right Permit Number or Decree Name Adjudicated, Non-certificated Right Name of Decree Page Number Permit for which Proof has Permit Number Date Claim of Beneficial Use been Approved Submitted Transferred Right for which Previous Transfer Number Date Claim of Beneficial Use Proof has been Filed Submitted LIEUALLEN RANCH, Name on Permit, Certificate, or Decree: CAMATILLA County: Authorized Use(s) to be Affected by Transfer: Priority Date(s): If there are multiple Priority Dates identified on the water right, any information provided on pages 3 through 6 of this form must identify which priority date is associated with each of the authorized and proposed points of diversion or appropriation and places of use. Source(s) of Water to be Affected by Transfer: _ Tributary to: If there are multiple Sources listed on the water right, any information provided on pages 3 through 6 of this form must identify which source is associated with each of the authorized and proposed points of diversion or appropriation and places of use. For applications proposing a Change in Place of Use or Character of Use: Are there Other Water Rights, Permits or Ground Water Registrations associated with this land? □ Yes \square N/A – No Change in Place of Use or Character of Use If "Yes", what are the Permit, Registration or Certificate Numbers? Pursuant to ORS 540.510, any "layered" water use or a right that is supplemental to a primary right proposed for transfer must be included in the transfer or be

cancelled, except as provided in OAR 690-380-2240(5).

 Certificate Number or other identifying number: 	40891	
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The following information must be provided <u>only</u> for those points of diversion or appropriation that are involved in the transfer (i.e., <u>list only the portion of the water right you propose to transfer</u>.) Attach additional pages as necessary.

Government lot and donation land claim numbers must be included in the tables below only if the information is reflected on the existing water right.

Location of Existing Authorized Point(s) of Diversion or Appropriation to be Changed:

(i.e., the allowed point(s) of diversion or appropriation listed on the water right that will be affected by the proposed transfer, the "FROM" point(s) of diversion or appropriation)

If Ground Water, OWRD Well Log ID No. (or Well ID Tag No. L)	Source and Priority Date	Township	Range	Mer	Sec	1/4 1/4	Tax Lot, DLC or Gov't Lot	Survey Coordinates (coordinates from a recognized survey corner)
UMAT 1434	GROUND 12/31/1964	311	34F	WE	3	NW14 SEV	4	2340 feet NORTH + 2220 feet WEST FROM SE CORNER OF SECTION 3
	r ^a		46	100				

В	Does the water right being transferred involve a ground water source(s)	?
	Ves \(\sqrt{No (Surface water source only)}	

If "Yes", for each authorized point of appropriation (well) involved, you must either:

A. Supply a copy of the well log(s) for <u>each</u> point of appropriation that is clearly labeled and associated with the corresponding well in the table above and on the accompanying application map. (<u>NOTE</u>: You may search for well logs on the Department's web page at: http://www.wrd.state.or.us)

or

B. If a well log is <u>not</u> available, you must describe the construction of the authorized point of appropriation by completing the table below. Attach additional copies as necessary.

Construction of Existing Authorized Point(s) of Appropriation – (Only needed if <u>no</u> well log is available.)
Wells in this listing must be clearly tied to corresponding well location(s) described in the table above and shown on the accompanying application map.

table above	casing	casing	perforated (in feet)	depth	depth to water	bearing stratum	access port or measuring device	Total well depth
			MIP	١				

Description of Proposed Change(s) to a Water Right EIVED

н	Certificate Number or other identifying number:	40891

The following information must be provided only for those places of use that are involved in the transfer (i.e., list only the portion of the water right you propose to transfer.) Attach additional pages as necessary.

Government lot and donation land claim numbers must be included in the tables below only if the information is reflected on the existing water right.

Location of Existing Authorized Place of Use to be Affected:

(i.e., the allowed lands listed on the water right that will be affected by the proposed transfer, the "FROM" lands)

Source and Priority Date	Township	Range	Mer	Sec	1/4 1/4 Section	Tax Lot, DLC or Gov't Lot	Acres (if applicable)
GROUND 12/31/1964	3N	34E	WM	3	NE145W14		38.9
4	11	11	10	11	NW145W14	6	16.6
(r	N	"	11	11	SW14 SW14		37.8
(r	V	"	Ir	10	SE1/4 SW1/4		40.0
C	10	"	11	11	NE145E14		30.8
te	H.	11.	ri	11	NW/4SE14		33.6
U	10	11	11	11	5W145E14		40.0
te	11	10	11	11	SE14 SE 14		40.4
		201					

Sur	cribe propose vey coordinate ompanying ap	d changes to es described l	the wat below s	ter rig hould	accurately	g point(s) o correspon	of diversion d to the p	on and/or		ution.
ñ	Location of P (i.e., the "TO" poi TE: Complete	nt(s) of diversion	or approp	priation)	$\square N/A - I$	nstream Wa			d.)
	rce Towns	- V -	Mer	Sec	1/4 1/4 Section	Tax Lot, DLC or Gov't Lot		Survey C inates from	Coordinates a recognized s mer)	
iRou	ND 31	V 34E	W	3	SE14 SE14		WESTF		AND 201 ESE CON	
									*	
	listed abov If "Yes", a well, or if the table b http://www.	attach and clewell log(s) are elow. (<u>NOTE</u> wrd.state.or.u	e arly la ee <u>not</u> a You mo s)	bel the vailate ay sea	e correspoi ble, describ rch for well i	nding well is the const. logs on the	log(s) for ruction oj Departmei	<u>each</u> pro f the well nt's web p	l(s) using page at:	
Well	Construction I numbers in this on on the accomp	listing must be	clearly ti	ied to c	Appropriate orresponding	tion or Wo	ell(s) n(s) describ	oed in the t	able above a	nd
/ell eady nilt? s/No)	If an existing well, OWRD Well Log ID No. (or Well ID Tag No. L)	Diameter	Type and size of casing	i N	o. of et of sing perfora (in fe	is Seal	Est. depth to water	Est. depth to water bearing stratum	Type of access port or measuring device	Total well depth
- 1										
					NA					

	100 200		_
н	Certificate Number or other identifying number:	40891	

Describe proposed changes to the water right involving place of use. Information described below should accurately correspond to the proposed place of use shown on the accompanying application map. Attach additional pages as necessary.

Location of Proposed Place of Use: (i.e., the "TO" lands) \[\Boxed N/A - Instream Water Right Transfer (NOTE: Complete this table only if a Change in Place of Use is being proposed.)

Source	Township	Range	Mer	Sec	44 Section	Tax Lot, DLC or Gov't Lot	Acres (if applicable)
GROUND	3N	34E	WM	3	WE'14 SW 1/4		38.9
17	1.	10	11	11	WW145W114	6	16.6
· ·	и	10	10	11	SW145W14		37.8
(*	H	r	"	4	SE145W1/4		40.4
r	"	Y'	11	4	NE145E114		30.8
er.	4	*	7	11	NW 14SE14		33.6
"	11	11	11	"	SWY4 SE114		40.0
-4	ir.	11	11	11	SE14 SE14		404
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				2			
	1/0	(1	10	1/6	F		
	140	C	11	100			
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					135		

BEFORE THE WATER RESOURCES DEPARTMENT OF THE STATE OF OREGON

In the Matter of Transfer Application)	FINAL ORDER
T-10374, Umatilla County)	APPROVING A CHANGE IN POINTS
)	OF APPROPRIATION

Authority

ORS 537.705 and 540.505 to 540.580 establish the process in which a water right holder may submit a request to transfer the point of appropriation, place of use, or character of use authorized under an existing water right. OAR Chapter 690, Division 380 implements the statutes and provides the Department's procedures and criteria for evaluating transfer applications.

Applicant

LIEUALLEN RANCH, INC. P.O. BOX 35 ADAMS, OREGON 97810

Findings of Fact

Background

Use:

- 1. On April 20, 2007, Lieuallen Ranch, Inc., filed an application to change the points of appropriation under Certificates 40900 and 40891. The Department assigned the application number T-10374.
- The first right to be transferred is as follows:

Certificate:

40900 in the name of Lieuallen Ranch, Inc., (perfected under Permit

G-3770)

Irrigation of 159.3 acres Priority Date: August 3, 1967

Rate: 0.84 cubic foot per second (cfs)

Limit/Duty: ONE-EIGHTIETH of one cubic foot per second per acre, limited to a

diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated

during the irrigation season of each year

Source: A well within the Wildhorse Creek Basin

This final order is subject to judicial review by the Court of Appeals under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482(1). Pursuant to ORS 536.075 and OAR 137-003-0675, you may petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Authorized Point of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Survey Coordinates
3 N	34 E	WM	3	NW SE	(UMAT 1434) - 2340 feet North and 2220 feet West from the SE Corner of Section 3

Authorized Place of Use:

Twp	Rng	Mer	Sec	Q-Q	Acres
3 N	34 E	WM	10	NE NE	39.6
3 N	34 E	WM	10	NW NE	39.7
3 N	34 E	WM	10	SW NE	40.0
3 N	34 E	WM	10	SE NE	40.0

3. The second right to be transferred is as follows:

Certificate: 40891 in the name of Lieuallen Ranch, Inc., (perfected under Permit

G-2798)

Use: Irrigation of 278.1 acres

Priority Date: December 21, 1964

Rate: 0.84 cubic foot per second (cfs)

Limit/Duty: ONE-EIGHTIETH of one cubic foot per second per acre, limited to a

diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated

during the irrigation season of each year

Source: A well within the Wildhorse Creek Basin

Authorized Point of Appropriation:

Twp	Rng	Mer	Sec	Q - Q	Survey Coordinates
3 N	34 E	WM	3	NW SE	(UMAT 1434) - 2340 feet North and 2220 feet West from the SE Corner of Section 3

Authorized Place of Use:

			IRR	IGATION		
Twp	Rng	Mer	Sec	Q - Q	G Lot	Acres
3 N	34 E	WM	3	NE SW		38.9
3 N	34 E	WM	3	NW SW	6	16.6
3 N	34 E	WM	3	SW SW		37.8
3 N	34 E	WM	3	SE SW		40.0
3 N	34 E	WM	3	NE SE		30.8
3 N	34 E	WM	3	NW SE		33.6
3 N	34 E	WM	3	SW SE		40.0
3 N	34 E	WM	3	SE SE		40.4

4. Application T-10374 proposes to change the point of appropriation of both water rights approximately 3100 feet southeast to a well located:

Twp	Rng	Mer	Sec	Q-Q	Survey Coordinates
3 N	34 E	WM	3	SE SE	(UMAT 1428) - 80 feet North and 20 feet West from the SE Corner of Section 3

- 5. Notice of the application for transfer was published on May 1, 2007, pursuant to OAR 690-380-4000. No comments were filed in response to the notice.
- 6. On January 18, 2008, the Department issued a draft of the preliminary determination proposing to approve Transfer Application T-10374. The draft Preliminary Determination requested written response from the applicant as to whether the draft is consistent with their intent in seeking the transfer. On January 22, 2008, the Department received written response from the applicant requesting that the Department proceed with issuance of a Preliminary Determination and provided the necessary information to demonstrate that the applicant is authorized to pursue the transfer.
- 7. On February 14, 2008, the Department issued a preliminary determination proposing to approve Transfer T-10374 and mailed a copy to the applicant. Additionally, notice of the preliminary determination for the transfer application was published on the Department's weekly notice on February 19, 2008, and in the East Oregonian newspaper on February 24, March 2 and 9, 2008, pursuant to ORS 540.520 and OAR 690-380-4020. No protests were filed in response to the notices.

Transfer Review Criteria (OAR 690-380-4010)

- 8. Water has been used within the last five years according to the terms and conditions of the rights, and there is no information in the record that would demonstrate that the rights are subject to forfeiture under ORS 540.610.
- 9. The Department has determined that the proposed point of appropriation (UMAT 1428) will develop the same source of water as the authorized point of appropriation (UMAT 1434), being the same well for both rights described in Findings of Fact No. 2 and 3 above.
- 10. A well, pump, pipeline, and sprinkler system sufficient to use the full amount of water allowed under both existing rights were present within the five-year period prior to submittal of Application T-10374.
- 11. The proposed change would not result in enlargement of the rights.
- 12. The proposed changes would not result in injury to other water rights.

Conclusions of Law

The change in points of appropriation proposed in application T-10374 is consistent with the requirements of ORS 537.705 and 540.505 to 540.580 and OAR 690-380-5000. If protests are not filed pursuant to OAR 690-380-4030, the application will be approved.

Now, therefore, it is ORDERED:

- 1. The change in points of appropriation proposed in application T-10374 is approved.
- 2. Water right certificates 40900 and 40891 are cancelled.
- 3. The right to the use of the water is restricted to beneficial use at the place of use described, and is subject to all other conditions and limitations contained in Certificates 40900 and 40891 and any related decree.
- 4. Water shall be acquired from the same aquifer (water source) as the original point of appropriation (UMAT 1434).
- 5. The quantity of water diverted at the new point of appropriation shall not exceed the quantity of water lawfully available at the original point of appropriation.
- 6. The water user shall maintain and operate the existing measurement device and shall make such improvements as may be required by the Department.
- 7. The approved changes shall be completed and full beneficial use of the water shall be made on or before October 1, 2009. A Claim of Beneficial Use prepared by a Certified Water Rights Examiner shall be submitted by the applicant to the Department within one year after the deadline for completion of the changes and full beneficial use of the water.
- 8. When satisfactory proof of the completed changes is received, new certificates confirming the rights transferred will be issued.

Dated at Salem, Oregon this 14 day of agree 2008.

Phillip C. Ward, Director

Mailing date: APR 2 5 2008

Water Right Transfer Checklist

Transfer T-10374 Transfer Specialist: KDD									
Transfer Type	Transfer Type: <u>▲ POA</u>								
	Applicant Name/Address: LIEUALLEN RANCH, Jim Lieuallen, President, PO Box 35, ADAMS, OR 97810								
Agent Name/Address:									
CWRE Name/Number: David Haddock, CWRE #300									
Rec Landowner Name/Address:									
Irr. District Name/Address:									
Affected Gov'	ts Name/Add	ress: <u>U</u>	matilla County	Y					
Commentors:	Name/Addres	s:	_						
Water Rights							н		
Records	Records		File No. or	Permit No.	Certifi		RR/CR Needed	RR/CR	
Marked	Copied	Dec	cree Name	G 4500	No	•		Nos.	
				G-2798	40891		Yes No		
				G-3770	40900		Yes No		
							☐ Yes ☐ No		
Key Dates &	Initial Action	IS				_			
Rec'd: 4/20/2	007	P	roposed Actio	n(s): POU POI	HST A	POD I	USE OTHER: POA		
Fees Pd:	_	W	VM District: #:	<u>5</u>		ODFW District:			
Initial Notice:	<u></u>	W	VM Review se	nt: <u>5/1/2007</u>		ODF	W Review sent:		
Acknowledger	nent Letter Se	ent 🖂				GW I	Review sent: <u>10/2/2007</u>		
Processing Da	ntes & Action	s			,	,			
Deficiency Co	ntacts:						Due:		
					not requi				
DPD Mailed:		4:41. 1	DDD [] N		fid of Pub				
ODFW cor PD Mailed:		t With I			st Day Pu		r Sent:		
PD Weekly No					minder D				
Preliminary I							·		
182_14 A	ctronic Files u		d	☑ Dre	eliminary l	Determ	ination		
	Cover letter	produce	u		Refund I		mation		
	Notice				maining R				
⊠ File	Assigned/ M	odPod	updated		0	0			
DPD Re	view (Option	al)	P	D Review (Sale	em)		Final Order Review (Salem)	
Reviewer:	98 E-050		Reviewer	PKS		Re	viewer:	lad	
Date:			Date: 2/1	13/08		Da	ite: 4//	4/00	
Coordinator: _			Coordinat				ordinator:		
Date:			Date:	713/05		Da	ite:		
Comments/Spe	ecial Issues:								
Special Order	Volume: Vol	74	Pages	77 Fir	al Order	Signatu	re Date: 4-/4	1-08	
Notice of FO e	mail'd to proc	essors	Ken/m	ike .					



<u>Ap</u>	plication										
\boxtimes	The type of change is clearly indicated.										
\boxtimes	The application is appropriately signed.										
\boxtimes	Appropriate fees were paid. If overpayment, Refund Request to be sent with FO										
\boxtimes	Land use form matches affected tax lots and is signed by proper official. (from ALL affected Govt's)										
	Ditch company, district and/or BOR, sent a copy of the application and map, if appropriate.										
\boxtimes	All required attachments received.										
Wa	ter right subject to transfer										
\boxtimes	Certificated right or Proof accepted "to the satisfaction"										
\boxtimes	The right been exercised according to terms & conditions of certificate.										
\boxtimes	Delivery system has the capacity to fully divert the rate/duty of the right.										
\boxtimes	No information in record that suggests forfeiture.										
\boxtimes	No conflicts identified on the plat cards and plat card reports printed.										
	Affidavits prepared for rights that need to be canceled or diminished.										
Ap	plication Map										
\times	The map has an original CWRE signature.										
	The map size and scale accurate and appropriate per OAR 690-380-3100(1)(b)(c)&(d).										
-											
1000	The POD/POA dimensions & 1/4 1/4 on map match the transfer application and certificate descriptions.										
	Map acres match the tabulation on the certificate.										
500 10	Have final proof maps/decree maps for the rights. Application map matches certificate FPS.										
	Have necessary aerial photos.										
	ermining the "From" and "To" Lands (make working copy of application and certificates to mark on)										
	Only the authorized POD's/POA's and POUs to be transferred are listed.										
	Application & certificate tabulations match. (Mark on appl. and cert. copies and note corrections needed)										
0 0	Marked on certificate the acreage being transferred, cancelled and remaining by ¼ ¼.										
	nership										
	The deed/ROLI matches the "from" lands. (Don't need to check "to" lands.)										
	Have current tax lot map. (If transfer application is several years old, contact assessor's office)										
	The applicant is the owner of the "from" lands.										
	All owners on the deed/ROLI have signed the application.										
	If necessary, there is a notarized, signed statement of consent from landowners other than applicant.										
	If necessary, there is a copy of written notification to each lien holder identified on ROLI.										
	Agent has authorization to make decisions.										
	luation (materials needed for peer reviewer in bold)										
	application complete										
	deed/ROLI										
Kev											
	Headgate										
Inin	ry: Y N Enlargement: Y N										
95	ditions to avoid enlargement/injury –										
COII	duons to avoid chargement injury –										

RECEIVED

JAN 28 2008

Advertising Receipt

East Oregonian

PO Box 1089 Pendleton, OR 97801 Phone: (541)276-2211 Fax: (541)278-2680

Jim Lieuailen Lieuallen Ranch, Inc. PO Box 35 ADAMS, OR 97810

Cust#:

05100204-000

Ad#:

05504775

Phone:

(541)969-9269

Prepaid:

Total Due

300.37

0.00

Date:

02/21/08

Ad taker:

DRS

Salesperson:

Classification:

900

Description	Start	Stop	ins.	Cost/Day	Surcharges	Total
02 Internet	02/24/08	03/09/08	3	1.03	-	3.09
10 East Oregonian	02/24/08	03/09/08	3	97.59		292.78
Bold Words						4.50
Payment Reference:					Total:	300.37
rayment neterence.					Tax:	0.00
EO-3080	· ·				Net:	300.37

NOTICE OF **PRELIMINARY DETERMINATION** for Water Right Transfer T-10374

T-10374 filed by Lieuallen Ranch, Inc., P.O. Box 35, Adams, OR, 97810, proposes to change the points of appropriation under two existing water rights. Certificate 40900 (priority date of August 3, 1967) and Certificate 40891 (priority date of December 21, 1964) each allow the use of 0.84 cubic foot per seco Sec 3, T3N, R34E, W.M., within 10. The applicant proposes to southeast to a new well located Resources Department has con with the requirements of ORS (Any person may file, jointly or s

ond (cfs) from the same well located within the NW1/4SE1/4, in the Wildhorse Creek Basin, for irrigation in Sections 3 and change the point of appropriation approximately 3100 feet d within the SE1/4SE1/4, Section 3, for both rights. The Water included that the proposed transfer appears to be consistent Chapters 537 and 540, and OAR 690-380-5000.	
severally, with the Department a protest or statement within 30	_

MEMO

TO: FILE T-10374
TO: FILE <u>T-10374</u> FROM: <u>Kerry Kawangh</u> DATE: <u>9.27</u> , 2013
RE: DETERMINATION OF PROOF
I've determined that a PROPOSED FINAL certificate should be prepared and mailed to the permit holder consistent with: DFOA - C 4 0900 Permit Transfer
Conflict? No Yes:stamped PROPOSED or assign Cert #
Draft certificate(s) are available in the transfer directory.
Water Organization identified using area of interest tool? No Yes, cc:
Check ownership; and if there is a new owner, add them to the mailing list.
✓ Prepare a mailing list.
Record marking: App Cert
NOTES: C 40900 - Flewer acres 125. 1/20 CF3/ne = 1.56 CF5 > 0.84 CF5 authory The **CoBu map does n't show Gov't Lot 6 in NWSW Sec 3 T 3NR 34EWM C 40891-7 fewer acres 209.69 x 1/80 CF5/nc = 2.62 > 70.84 CFS authory TF

Pump Capacity Calculation Sheet

using Department designed formula:

T-10374 2/24/2014

(hp)(efficiency) / (lift + psi head) = capacity in cfs

klk

Efficiency:

New Well UMAT 1428

Centrifugal = 6.61 Turbine = 7.04

Data Entry (fill in underlined blanks)

$$\begin{array}{c|c} \mathsf{HP} = & 200 \\ \mathsf{Efficiency} = & 7.04 \\ \mathsf{Lift} = & 806 \\ \mathsf{PSI} = & 70 \\ \end{array}$$

Results Calculated

(hp)(efficiency) =

1408

Head based on psi =

177.8

Total dynamic head =

983.8

(head + lift)

Pump Capacity =

1.43 feet per second



Water Resources Department

North Mall Office Building 725 Summer Street NE, Suite A Salem, OR 97301-1266 503-986-0900 FAX 503-986-0904

April 24, 2008

LIEUALLEN RANCH INC. JIM LIEUALLEN, PRESIDENT PO BOX 35 ADAMS OR 97810

Reference: Transfer 10374

Enclosed is a copy of the order approving your water right transfer application.

A time to complete the transfer is given the order. YOU SHOULD GIVE PARTICULAR ATTENTION TO THE TIME LIMIT. The water right for any portion of the authorized change in use or change in place of use NOT carried out within the time allowed will be lost.

An extension of the time limit can be allowed <u>only</u> upon a showing that diligent effort has been made to complete the actual change within the time allowed.

You have the requirement to hire a Certified Water Right Examiner (CWRE) to complete a Claim of Beneficial Use report and map which must be submitted to this department within one year of the date you completed the change or within one year of the completion date authorized in the transfer, whichever occurs first.

Sincerely,

Sarah Henderson

Executive Support

cc:

Watermaster #5

David Haddock, CWRE

Carah Henderson

Enclosure



February 15, 2008

Water Resources Department

North Mall Office Building 725 Summer Street NE, Suite A Salem, OR 97301-1266 503-986-0900 FAX 503-986-0904

Lieuallen Ranch, Inc. Jim Lieuallen, President P.O. Box 35 Adams, Oregon 97810

SUBJECT: Transfer Application T-10374

Please find enclosed the Preliminary Determination indicating that, based on the information available, the Department intends to approve application T-10374. This document is an intermediate step in the approval process; water may not be used legally as proposed in the transfer application until a Final Order has been issued by the Department. Please read this entire letter carefully to determine your responsibility for additional action.

A public notice is being published in the Department's weekly publication simultaneously with issuance of the Preliminary Determination. The notice initiates a 30-day period in which any person may file either a protest opposing the decision proposed by the Department in the Preliminary Determination or a standing statement supporting the Department's decision.

Because the new point of appropriation is more than ¼ mile from the authorized point of appropriation, the applicant is responsible for giving public notice of the transfer changes in a local newspaper having a general circulation in the area of the water right. The notice must be published at least once a week for three consecutive weeks. We have prepared the notice for you (enclosed). The deadline for individuals to file protests or standing statements is 30 days after the date of last publication. Please have the newspaper insert the date of last publication in the proper place.

After publication, the Department needs to receive an affidavit specifying the dates the notice was published. Please have the newspaper prepare and mail an original *affidavit of publication* to the Department; to me at the address above by April 2, 2008.

If no protest is filed, the Department will issue a Final Order consistent with the Preliminary Determination. You should receive a copy of the Final Order about 30 days after the close of the protest period.

If a protest is filed, the application may be referred to a contested case provides an opportunity for the proponents and opponents of the decision proposed in the Preliminary Determination to present information and arguments supporting their position in a quasi-judicial proceeding.

Sincerely.

Kelly Starnes

Field Services Division

cc:

Tony Justus, District 5 Watermaster

Dave Haddock, CWRE

encs

BEFORE THE WATER RESOURCES DEPARTMENT OF THE STATE OF OREGON

In the Matter of Transfer Application)	PRELIMINARY DETERMINATION
T-10374, Umatilla County)	PROPOSING APPROVAL OF A
)	CHANGE IN POINTS OF
)	APPROPRIATION

Authority

ORS 537.705 and 540.505 to 540.580 establish the process in which a water right holder may submit a request to transfer the point of appropriation, place of use, or character of use authorized under an existing water right. OAR Chapter 690, Division 380 implements the statutes and provides the Department's procedures and criteria for evaluating transfer applications.

Applicant

LIEUALLEN RANCH, INC. P.O. BOX 35 ADAMS, OREGON 97810

Findings of Fact

Certificate:

Use:

Background

On April 20, 2007, Lieuallen Ranch, Inc., filed an application to change the points of appropriation under Certificates 40900 and 40891. The Department assigned the application number T-10374.

The first right to be transferred is as follows:

40900 in the name of Lieuallen Ranch, Inc., (perfected under Permit

G-3770)

Irrigation of 159.3 acres Priority Date: August 3, 1967

Rate: 0.84 cubic foot per second (cfs)

ONE-EIGHTIETH of one cubic foot per second per acre, limited to a Limit/Duty:

diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated

during the irrigation season of each year

Source: A well within the Wildhorse Creek Basin

Authorized Point of Appropriation:

T	`wp	Rng	Mer	Sec	Q - Q	Survey Coordinates
3	3 N	34 E	WM	3	NW SE	(UMAT 1434) - 2340 feet North and 2220 feet West from the SE Corner of Section 3

Pursuant to OAR 690-380-4030, any person may file a protest or standing statement within 30 days after the last date of publication of notice of this preliminary determination.

Authorized Place of Use:

Twp	Rng	Mer	Sec	Q-Q	Acres
3 N	34 E	WM	10	NE NE	39.6
3 N	34 E	WM	10	NW NE	39.7
3 N	34 E	WM	10	SW NE	40.0
3 N	34 E	WM	10	SE NE	40.0

3. The second right to be transferred is as follows:

Certificate: 40891 in the name of Lieuallen Ranch, Inc., (perfected under Permit

G-2798)

Use: Irrigation of 278.1 acres

Priority Date: December 21, 1964

Rate: 0.84 cubic foot per second (cfs)

Limit/Duty: ONE-EIGHTIETH of one cubic foot per second per acre, limited to a

diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated

during the irrigation season of each year

Source: A well within the Wildhorse Creek Basin

Authorized Point of Appropriation:

Twp	Rng	Mer	Sec	Q - Q	Survey Coordinates
3 N	34 E	WM	3	NW SE	(UMAT 1434) - 2340 feet North and 2220 feet West from the SE Corner of Section 3

Authorized Place of Use:

	IRRIGATION									
Twp	Rng	Mer	Sec	Q - Q	G Lot	Acres				
3 N	34 E	WM	3	NE SW		38.9				
3 N	34 E	WM	. 3	NW SW	6	16.6				
3 N	34 E	WM	3	SW SW		37.8				
3 N	34 E	WM	3	SE SW		40.0				
3 N	34 E	WM	3	NE SE		30.8				
3 N	34 E	WM	3	NW SE		33.6				
3 N	34 E	WM	3	SW SE		40.0				
3 N	34 E	WM	3	SE_SE		40.4				

4. Application T-10374 proposes to change the point of appropriation of both water rights approximately 3100 feet southeast to a well located:

Twp	Rng	Mer	Sec	Q-Q	Survey Coordinates
3 N	34 E	WM	3	SE SE	(UMAT 1428) - 80 feet North and 20 feet West from the SE Corner of Section 3

5. Notice of the application for transfer was published on May 1, 2007, pursuant to OAR 690-380-4000. No comments were filed in response to the notice.

Transfer Review Criteria (OAR 690-380-4010)

- 6. Water has been used within the last five years according to the terms and conditions of the rights, and there is no information in the record that would demonstrate that the rights are subject to forfeiture under ORS 540.610.
- 7. The Department has determined that the proposed point of appropriation (UMAT 1428) will develop the same source of water as the authorized point of appropriation (UMAT 1434), being the same well for both rights described in Findings of Fact No. 2 and 3 above.
- 8. A well, pump, pipeline, and sprinkler system sufficient to use the full amount of water allowed under both existing rights were present within the five-year period prior to submittal of Application T-10374.
- 9. On January 18, 2008, the Department issued a draft of the preliminary determination proposing to approve Transfer Application T-10374. The draft Preliminary Determination requested written response from the applicant as to whether the draft is consistent with their intent in seeking the transfer. On January 22, 2008, the Department received written response from the applicant requesting that the Department proceed with issuance of a Preliminary Determination and provided the necessary information to demonstrate that the applicant is authorized to pursue the transfer.
- 10. The proposed change would not result in enlargement of the rights.
- 11. The proposed changes would not result in injury to other water rights.

Determination and Proposed Action

The change in points of appropriation proposed in application T-10374 appears to be consistent with the requirements of ORS 537.705 and 540.505 to 540.580 and OAR 690-380-5000. If protests are not filed pursuant to OAR 690-380-4030, the application will be approved.

If application T-10374 is approved, the final order will include the following:

- 1. The change in points of appropriation proposed in application T-10374 is approved.
- 2. Water right certificates 40900 and 40891 are cancelled.
- 3. The right to the use of the water is restricted to beneficial use at the place of use described, and is subject to all other conditions and limitations contained in Certificates 40900 and 40891 and any related decree.
- 4. Water shall be acquired from the same aquifer (water source) as the original point of appropriation (UMAT 1434).
- 5. The quantity of water diverted at the new point of appropriation shall not exceed the quantity of water lawfully available at the original point of appropriation.

- 6. The water user shall maintain and operate the existing measurement device and shall make such improvements as may be required by the Department.
- 7. The approved changes shall be completed and full beneficial use of the water shall be made on or before October 1, 2009. A Claim of Beneficial Use prepared by a Certified Water Rights Examiner shall be submitted by the applicant to the Department within one year after the deadline for completion of the changes and full beneficial use of the water.
- 8. When satisfactory proof of the completed changes is received, new certificates confirming the rights transferred will be issued.

Dated at Salem, Oregon this 14 day of February 2008.

Phillip C. Ward, Director

This Preliminary Determination was prepared by Kelly Starnes. If you have questions about the information in this document, you may reach me at (503)-986-0886 or Patrick.K.Starnes@wrd.state.or.us.

Protests should be addressed to the attention of Field Services Division, Water Resources Department, 725 Summer St. NE Suite A, Salem, OR 97301-1266.

Notice of Preliminary Determination for Water Right Transfer T-10374

T-10374 filed by Lieuallen Ranch, Inc., P.O. Box 35, Adams, OR 97810, proposes to change the points of appropriation under two existing water rights. Certificate 40900 (priority date of August 3, 1967) and Certificate 40891 (priority date of December 21, 1964) each allow the use of 0.84 cubic foot per second (cfs) from the same well located within the NW¼ SE¼, Sec 3, T 3 N, R 34 E, W.M., within the Wildhorse Creek Basin, for irrigation in Sections 3 and 10. The applicant proposes to change the point of appropriation approximately 3100 feet southeast to a new well located within the SE¼ SE¼, Section 3, for both rights. The Water Resources Department has concluded that the proposed transfer appears to be consistent with the requirements of ORS Chapters 537 and 540, and OAR 690-380-5000.

Any person may file, jointly or severally, with the Department a protest or standing statement within 30 days after the date of final publication of notice in the Department's weekly notice or of this newspaper notice, whichever is later. A protest form and additional information on filing protests may be obtained by calling (503) 986-0881. The last date of newspaper publication is [DATE OF LAST PUBLICATION]. If no protests are filed, the Department will issue a final order consistent with the preliminary determination.

Ken Dowden

From: Jim Lieuallen [jimlieuallen@hotmail.com]
Sent: Tuesday, January 22, 2008 10:22 AM

To: Ken Dowden

Ken Dowden,

I recieved your letter and the draft of Preliminary Determination regarding transfer application T-10374 and everything appears to be in order. Please move foward with the application.

Thank you, Jim Lieuallen



JAN 28 2008
WATER RESOURCES DEPT
SALEM, OREGON



Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301-1271 (503) 986-0900 www.wrd.state.or.us

Watermaster Review Form: Water Right Transfer

Trai	nsfer Appl	ication:	T- <u>10374</u>		Revi	ew Due Date:	<u>5-24-07</u>					
App	olicant Nar	ne: <u>L</u> i	ieuallen Ranch	Inc.								
Prop	posed Cha	nges:	☐ POU	POD	⊠ POA	USE	OTHER					
Rev	riewer(s):	Tony J	<u>ustus</u>		Date	of Review:	May. 1, 2007					
1.	Do you have information suggesting that the water rights may be subject to forfeiture? Yes No If "Yes", describe the information and indicate if you intend to file a cancellation affidavit or if you need additional time to determine if a cancellation affidavit should be filed:											
2.	. Is there a history of regulation on the source that serves the right proposed for transfer that has involved the right and downstream water rights? Yes No Generally characterize the frequency of any regulation or explain why regulation has not occurred:											
3.	from the	current where t	use of the right	t? 🔲 If you c	heck the box,	t from return fl generally chara ter rights that b						
	Are there Yes most affect	No 🏻	If "Yes", de		- respectively and the second contract of the first	e proposed cha be affected and	SUPERIOR DE MARIE DE LA MARIE DEL LA MARIE DE LA MARIE					
5.	old and no	ew POE	s or within the	1.5%	ream reach? [are channel los	sses between the k the box,					
6.	other water	er rights		ot have occurre		change result in existing right v	regulation of vas maximized?					
				iginal place of N/A If "Yo			from the same					
		of more	water than ca			"full face value ithout waste? [
				fied through that the same sou	2024	ions? Yes	☐ No If					

RECEIVED

10. What alternatives may be available for addressing any issues identified above: If not same source then could modify request to change from supplemental irrigation to primary irrigation.
11. Have headgate notices been issued for the source that serves the right? ☐ Yes ☒ No
12. What water control and measurement conditions should be included in the transfer:
Measurement ☐ Should be ☐ May be required prior to ☐ in the future.

Transfer Application: T-10374

Watermaster Review Form

Theodore R. Kulongoski, Governor

Water Resources Department 725 Summer Street NE, Suite A Salem, OR 97301-1271 503-986-0900 FAX 503-986-0904

FORWARD TO: FIELD PROCESSOR WORKING ON THIS TRANSFER DATE: 4-25-07	
FROM: WATERMASTER, DISTRICT # GROUNDWATER SECTION	
(SIGNATURE) Mike Zwart date signed 10/2/07 signed by injury reviewer	
SUBJECT: WATER RIGHT TRANSFER #/0374	
A change in: POU POD POA USE of water.	
In the name(s) of <u>Lieuallen Ranch</u> Inc.	
In my opinion (assuming the right is valid), the proposed change	
MAY BE MADE WITHOUT INJURY WOULD RESULT IN INJURY* to an existing water right.	
*The approval of this transfer application would result in injury to other water rights because	
The existing right may not be valid because	
Headgate notices <u>HAVE</u> <u>HAVE NOT</u> Been issued for diversion from the source(s)which serve(s) this right.	
If for change in point of diversion, is there any intervening point(s) for diversion between the authorized and proposed points of diversion? (Yes or No)	
In my opinion, the order approving the subject transfer application should include the following in regard to the appropriator installing suitable measuring devices in the diversion works:	
(1) PRIOR to the diverting of water at the new point of diversion RECEIVED	
(2) WHEN IN the judgement of the watermaster it becomes necessary WATER RESOURCES DE	т
The enclosed copy of the transfer application and map(s) is for your records. WATER RESOURCES DESCRIPTION OF THE SALEM OREGON	

OREGON WATER RESOURCES DEPARTMENT INTEROFFICE MEMO

To:

Ground Water files

Date: October 2, 2007

From:

Michael J. Zwart

Subject:

Application Review: T-10374, Lieuallen Ranch, Inc.

This application proposes a change in POA. The authorized well (UMAT 1434) reportedly is dry and therefore no longer usable. I suspect that instead of going dry, this well has experienced a reduction specific capacity over time and may have always had marginal available drawdown. Water levels in local basalt wells have been rebounding in recent years. The proposed well (UMAT 1428) develops the same basalt ground-water source as does the authorized well.

I find that the proposed change may be made without injury provided the following: the right is valid and the Watermaster can approve the proposal.



JAN 28 2008

WATER RESOURCES DEPT SALEM, OREGON



Water Resources Department

North Mall Office Building 725 Summer Street NE, Suite A Salem, OR 97301-1266 503-986-0900 FAX 503-986-0904

April 25, 2007

LIEUALLEN RANCH INC PO BOX 35 ADAMS OR 97810

Reference: Transfer 10374

On April 20, 2007 we received your water right transfer application requesting a change in point of appropriation for use of water from A WELL, tributary to WILDHORSE CREEK. The application was accompanied by \$350.00. Our receipt 87219 is enclosed.

By copy of this letter, we are asking the Watermaster for his report regarding the potential for injury to existing water rights which may be caused by the change.

Your application will be examined to determine if additional information is needed. You will be contacted following this examination. A number of other transfer applications are also awaiting review. As a result, it may be some time before we are able to process your application. If you wish to have your application processed more quickly, you may want to consider use of the Department's reimbursement authority. Under this authority an applicant may receive expedited review by paying the full cost for a pre-qualified contractor to process the applications. For more information on the Reimbursement Authority program, see our website at http://www.wrd.state.or.us/OWRD/mgmt reimbursement.shtml> or call the transfer section.

Except as provided under ORS 540.510(3) for municipalities, you may not use water for the new use, in the new place of use or from the new point of diversion until the transfer application has been approved. In order to avoid any possible forfeiture of the water right, you should continue to use the water as described by your existing water right. If the land is sold before the transfer is approved, the buyer's consent to the transfer will be required unless a recorded deed or other legal document clearly established that the water right was not conveyed in the sale.

We will notify you if additional information or corrections to the application or map are required.

If you have any questions, please call the Transfer Section, (503)986-0883.

cc:

Watermaster #5
Groundwater
David Haddock, CWRE

enclosure

RECEIVED

JAN 28 2008

WATER RESOURCES DEPT SALEM, OREGON

STATE OF OREGON

COUNTY OF UNATILLA

CERTIFICATE OF WATER RIGHT

This Is to Certify, that Lieuallen rance, inc.

97810

of Adems , State of Oregon , has made proof to the satisfaction of the STATE ENGINEER of Oregon, of a right to the use of the waters of a well

a tributary of Wildhorse Greek irrigation of 159.3 acres

for the purpose of

under Permit No. G-3770 of the State Engineer, and that said right to the use of said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from August 3, 1967

that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed 0.84 cubic foot per second

or its equivalent in case of rotation, measured at the point of diversion from the stream. The point of diversion is located in the NW SE, Section 3, T. 3 N., R. 34 E., W. M., 2340 feet North and 2220 feet West from SE Corner, Section 3.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to one-eightieth of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3 acre feet per acre for each acre irrigated during the irrigation season of each year;

and shall

conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use under the right hereby confirmed, and to which such right is appurtenant, is as follows:

39.6 acres NEt NEt
39.7 acres NMt NEt
40.0 acres SMt NEt
40.0 acres SEt NEt
Section 10
T. 3 N., R. 34 E., W. H.

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of herein strategy and the lands or place of

use herein RECEIVED

WITNESS the signature of the State Engineer, offixed

APR 20 2007

his date. September 19, 1974

WATER RESOURCES DEPT SALEM, OREGON

Recorded in State Record of Water Right Certificates, Volume

32 , page 40900

7#3696

2002-4170152 1 of 4

4002"717010

A VI

State of Oregon County of Unatilia

and recorded on

67-25-62 at 3:45

RECT NOV 2 0 2007

AFTER RECORDING RETURN TO: Steven H. Corey P.O. Box 218 Pendleton, Oregon 97801

MAIL TAX STATEMENTS TO: Lieuallen Ranch, Inc.

417 0152

RECEIVED

JUL 25 2002

UMATILLA COUNTY

code type DE-PRO Location Document number

R417-0152 2002-4170152 41.00

Office of County Records

This instrument was received

in the record of document

Records Officer

STATUTORY BARGAIN AND SALE DEED

MARILYN G. LIEUALLEN and MARILYN LIEUALLEN, personal representative of the Estate of Sheldon J. Lieuallen, Crantor, conveys to LIEUALLEN RANCH, INC., an Oregon corporation, Grantee, the following described real property:

Tracts I, II and IV as described on Exhibit A attached hereto and incorporated herein.

The true and actual consideration for this conveyance is \$652,638.00.

This deed is given for the purposes of correcting record title to the real property described herein, said consideration having been paid by Grantee in 2000.

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES AND TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30,930.

DATED this 22nd day of July , 2002.

Marilyn G. Lieualler Marilyn G. Lieualler

Marilyn Lieuallen, personal representative of the Estate of Sheldon J. Lieuallen, deceased

1 - Stautuory Bargain and Sale Deed



STATE OF OREGON)
) ss
County of Umatilla)

July 22 , 2002.

Personally appeared the above named MARILYN G. LIEUALLEN and MARILYN LIEUALLEN, personal representative of the Estate of Sheldon J. Lieuallen, deceased, and acknowledged the foregoing instrument to be her voluntary act, both individually and as personal representative.

Before me:



Notaty Public for Oregon
My commission expires: /-6-2004

EXHIBIT "A"

TRACT I:

TOWNSHIP 3 NORTH, RANGE 34, E.W.M.

Section 1: The Easterly 110 acres of the Northwest Quarter. 400

All being East of the Willamette Meridian, Umatilla County, Oregon.

Excepting therefrom that portion lying within the County Road right of way.

TRACT II:

TOWNSHIP 3 NORTH, RANGE 34, E.W.M.

Section 10: East Half of the Northwest Quarter. 5(00

All being East of the Willamette Meridian, Umatilla County, Oregon.

Excepting therefrom that portion lying within the County Road right of way.

1 - EXHIBIT "A"

· \ / / / / /



TRACT IV:

TOWNSHIP 4 NORTH, RANGE 35, E.W.M.

A tract of land located in the Southeast Quarter of Section 10 and in Section 11, described as follows:

Beginning at the West one quarter corner of said Section 11; thence North 73° 32' 03" East, 2,469.40 feet to the True Point of Beginning for this description; thence South 12° 58' 34" West, 690.51 feet; thence South 88° 14' 26" East, 108.66 feet; thence South 03° 25' 35" East, 285.94 feet; thence South 37° 55' 32" West, 69.08 feet; thence South 01° 38' 12" East, 279.27 feet; thence South 15° 48' 18" West, 214.15 feet; thence South 15° 37' 02" East, 253.16 feet; thence South 02° 41' 31" East, 358.44 feet; thence South 27° 47' East, 399.20 feet; thence South 16° 25' 01" East, 208.27 feet; thence South 04° 07' 05" East, 233.86 feet; thence North 90° 00' 00" West, 1,573.66 feet; thence South 00° 00' 00" East, 445.67 feet; thence South 00° 00' 00" East, 10 feet, more or less to a point on the South line of said Section 11; thence Westerly along the South line of said Section 11, a distance of 1,010 feet, more or less to the Southwest corner of said Section 11; thence Westerly along the South line of Section 10, a distance of 990 feet, more or less to a point located South 06° 43' 28" West from a 1/2 inch iron pin; thence North 06° 43' 28" East, 1,302.15 feet, more or less, to a 1/2 inch iron pin (deed record North 03° 39' 50" East, 1,301.95 feet); along the arc of an offset spiral curve, the long chord of which bears North 36° 01' 11" East, 334.62 feet; thence South 53° 52' 46" East, 561.57 feet; thence North 36° 07' 14" East, 2,364.10 feet; thence North 56° 01' 36" West, 687.57 feet to a point on the Easterly right of way line of State Highway No. 11; thence North 35° 00' 32" East, along the Easterly right of way line of State Highway No. 11, a distance of 1,210 feet, more or less to the West line of the East Half of the Northwest Quarter of said Section 11; thence Northerly along the West line of the East Half of the Northwest, 670 feet, more or less to the Northwest corner of the said East Half of the Northwest Quarter; thence Easterly along the North line of said Section 11, a distance of 1,340 feet, more or less to a point in the centerline of County Road No. 643 (formerly the route of State Highway No. 11); thence Southerly along the centerline of County Road No. 643, a distance of 1,730 feet, more or less, to a point located South 63° 02' 09" East, from a 5/8 inch by 30 inch iron pin; thence 63° 02' 09" West, 61 feet, more or less to a 5/8 inch by 30 inch iron thence continuing North 63° 02' 09" West, 163.12 feet; thence South 88° 26' 41" West, 146.62 feet; thence South 60° 30' 00" West, 70.30 feet; thence South 40° 53' 24" West, 184.38 feet; thence South 12° 41' 52" East, 156.12 feet to the point of beginning.

All being East of the Willamette Meridian, Umatilla County, Oregon.

Excepting therefrom any portion lying within the State Highway and County Road right of way.

2 - EXHIBIT "A"



Water Resources Department

North Mall Office Building 725 Summer Street NE, Suite A Salem, OR 97301-1266 503-986-0900 FAX 503-986-0904

April 25, 2007

LIEUALLEN RANCH INC PO BOX 35 ADAMS OR 97810

Reference: Transfer 10374

On April 20, 2007 we received your water right transfer application requesting a change in point of appropriation for use of water from A WELL, tributary to WILDHORSE CREEK. The application was accompanied by \$350.00. Our receipt 87219 is enclosed.

By copy of this letter, we are asking the Watermaster for his report regarding the potential for injury to existing water rights which may be caused by the change.

Your application will be examined to determine if additional information is needed. You will be contacted following this examination. A number of other transfer applications are also awaiting review. As a result, it may be some time before we are able to process your application. If you wish to have your application processed more quickly, you may want to consider use of the Department's reimbursement authority. Under this authority an applicant may receive expedited review by paying the full cost for a pre-qualified contractor to process the applications. For more information on the Reimbursement Authority program, see our website at http://www.wrd.state.or.us/OWRD/mgmt reimbursement.shtml> or call the transfer section.

Except as provided under ORS 540.510(3) for municipalities, you may not use water for the new use, in the new place of use or from the new point of diversion until the transfer application has been approved. In order to avoid any possible forfeiture of the water right, you should continue to use the water as described by your existing water right. If the land is sold before the transfer is approved, the buyer's consent to the transfer will be required unless a recorded deed or other legal document clearly established that the water right was not conveyed in the sale.

We will notify you if additional information or corrections to the application or map are required.

If you have any questions, please call the Transfer Section, (503)986-0883.

cc:

Watermaster #5 Groundwater David Haddock, CWRE

enclosure



Water Resources Department

725 Summer Street NE, Suite A Salem, OR 97301-1271 503-986-0900 FAX 503-986-0904

Notice of Application for Water Right Transfer, Temporary Transfer, or Permit Amendment 05/01/2007

The Department seeks comment on the recently-filed application listed below. Any person may comment on the application. Comments must be received by the Department within 30 days of the date of this notice.

County:

UMATILLA

Transfer:

10374

Water Right:

CERT 40900,40891

Priority Date:

1967,1964

Name:

LIEUALLEN RANCH INC

Address:

PO BOX 35; ADAMS OR 97810

Change:

POA

Source:

WELL

Authorized POA:

T3N R34E 3

Proposed POA:

T3N R34E 3

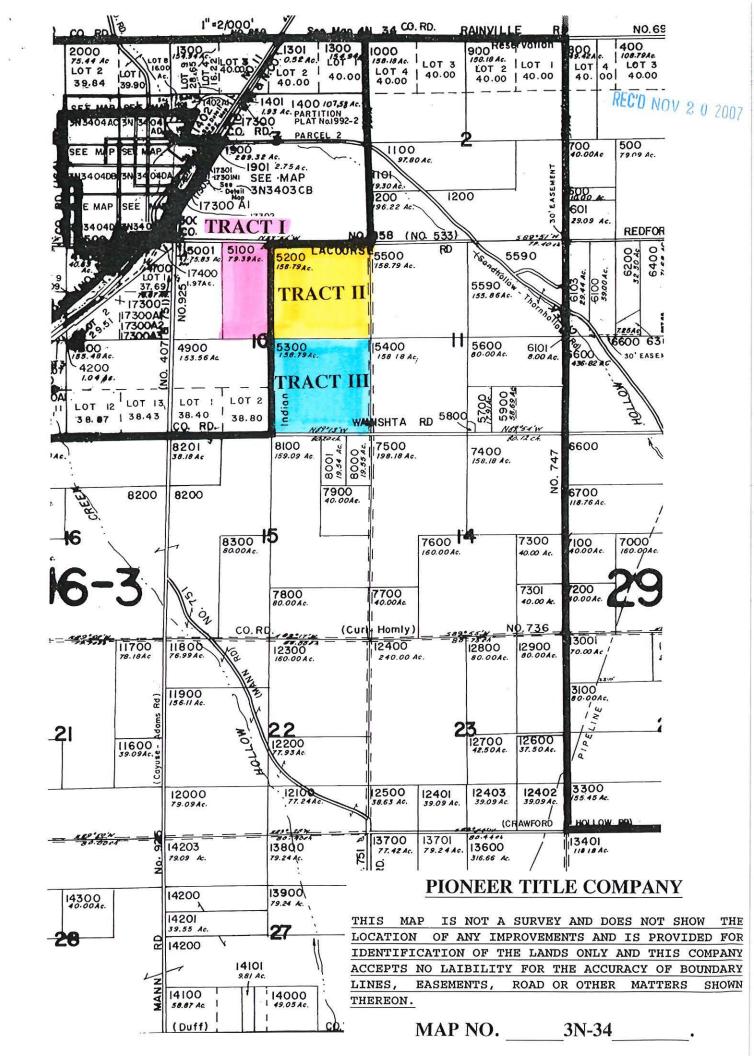
The holder of a water right may apply to permanently change an existing water use subject to transfer. A transfer application may involve any of the following changes: Point of diversion or appropriation (POD; POA); Additional point of diversion or appropriation (APOD; APOA); Historic POD (HIST); Place of use (POU); Character of use (USE); Instream (ISWR); Substitution (SUB); or Exchange (EXCH).

The holder of a water right subject to transfer may request to temporarily change the place of use of the water for up to 5 years and, if necessary to convey the water, to temporarily change the point of diversion or appropriation.

The holder of a water right permit may apply to change a point of diversion (POD) or appropriation (POA) or to change the place of use (POU).

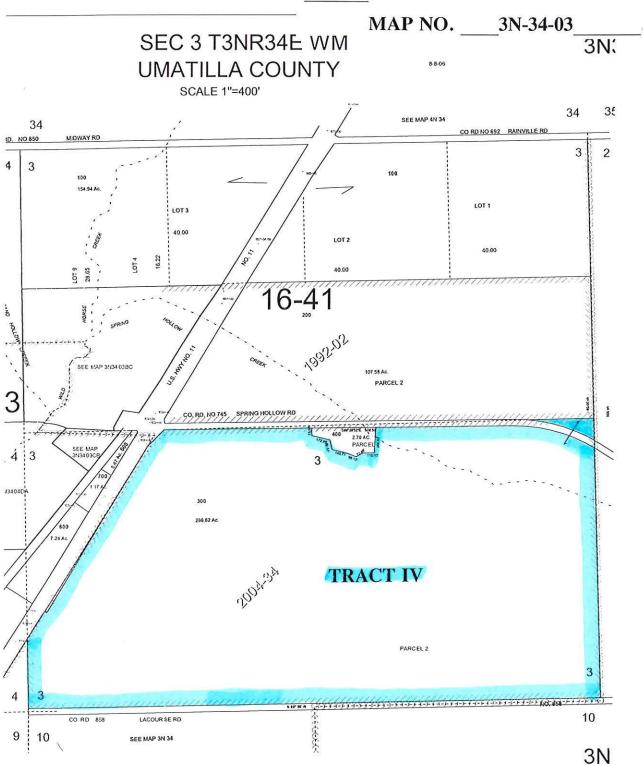
Any person who provides comments within the comment period will receive a copy of the Department's preliminary determination of whether the application should be approved or rejected after the Department has completed a review of the application and will be provided an opportunity to protest the application and preliminary determination at that time. The Director may presume that the transfer would be allowed by, and compatible with comprehensive plans unless an affected local government informs the Director otherwise within 30 days of this notice. Comments should be sent to the Transfers Section at the Department's Salem office.

TRANSFER CHECK OFF LIS	T		*
TEMP Div 15	ISWR))) No PERM AMEND(DIV 15_
LETTER FROM ATTORNEY	ARS (LO.	TINFO ON FRONT COVER	.) JINO
ENTERED IN DB CONTENTS MARKED COLOR CODED 4 COPIES MADE & STAMPED CERTIFICATE MARKED CERTIFICATE MARKED PULL APPLICATIONS APP FOLDER MARKED FINAL PROOF MAP COPIED PERMIT MARKED PERMIT COPIED PERMIT MAP COPIED DECREE MARKED DECREE COPIED	yes yes yes yes yes yes yes yes		
ADJUDICATION MAP COPIED		-	i i
INTRIES CHECKED PUBLIC NOTICE DATE LETTER SENT COPY TO WM BLUE FORM TO WM COPY TO GW LUE FORM TO GW COPY TO CWRE ETTER TO ODFW		POA, APOA, or [SW TO GW Orange Perm Amend/Yellow ALL Surface water POU/USE	Temp/Grn Dist/Lav Alt Acr/pink hi ONLY(as POD)] Temp/Grn Dist/Lav Alt Acr/pink hi (POD and APOD FISH SCRBENS)
ANSFER SENT TO:	suah	SW NCR SCR	~ DK
		-/-	



PIONEER TITLE COMPANY

THIS MAP IS NOT A SURVEY AND DOES NOT SHOW THE LOCATION OF ANY IMPROVEMENTS AND IS PROVIDED FOR IDENTIFICATION OF THE LANDS ONLY AND THIS COMPANY ACCEPTS NO LAIBILITY FOR THE ACCURACY OF BOUNDARY LINES, EASEMENTS, ROAD OR OTHER MATTERS SHOWN THEREON.



KILL ALL MEN BY THESE PRESENTS. That I, LAURA M. LIEUALIEN, a widew, here mafter called Grantor, in sons deration of Ten Dellars (210.00) and other good and valuable considerations to me paid, do bargain, sell and convey unto LIEUALLEN HANCH, INC., an Oregon corporation, hereinafter called Grantee, the following described real property, to-wit:

An undivided one-half interest in and to the following: The North Half of the Southeast Quarter of Section 31,

Township 2 North, Range 34; Lots 3 and 4, and the South Half of the Northwest Quarter (otherwise known as the Northwest Quarter) of Section 5; Township 3 North, Range 34.

The Southeast Quarter of Section 3, and all that portion of the Southwest Quarter of Section 3 lying East of the O.R.&N. Company's right of way, in Township 3 North, Range 34.

Lots 7 and 8, and the Northerly 5 feet of the Easterly 51 feet of Lot 9 in Block 9 in the Original Town, now City, of Adams.

All being East of the Willamette Meridian in Umatilla County, Oregon.

Together with the tenements, hered tuments and appurtenances thereunto belonging or in anywise appertaining.

TO HAVE AND TO HOLD the same unto said Grantce, its successors and assigns, forever.

IN WITNESS WHEREOF, I have hereunto set my hand this

day of March, 1960.

(

STATE OF OREGON
County of Umatilla

Laura N. L

March A. D. 1960.

Personally appeared the above named Laura M. Lieuallen, a

act and deed.

Before me:



Notary Public for Oregon

My Commission Expires

MASS 1001

on toll link

258 = 141

Site of the same o

36

B 297/333

WARRANTY DEED

307771

KNOW ALL MEN BY THESE PRESENTS, That GWENDOLYN ROGERS;

a single woman, hereinafter called Grantor, conveys to LIEUALLEN RANCHES,

INC., an Oregon corporation, all of the following described real property,

to-wit:

The Southeast Quarter of Section 10, Township 3 North, Range 34, East of the Willamette Meridian, in the County of Umatilla and State of Oregon;

and covenants that Grantor is the owner of the above described property

free of all encumbrances and will warrant and defend the same against all

persons who may lawfully claim the same.

The true and actual consideration for this transfer is \$1,380.00, plus other property given.

DATED this 18th day of November, 1968.

Gwendolyn Rogers

Rogers

STATE OF OREGON)
) ss.
County of Umatilla)

November 18th A.D. 1968.

Personally appeared the above named Gwendolyn Rogers, a single and acknowledged the foregoing instrument to be her voluntary act

Before me:

Notary Public for Oregon

My Commission Expires 9-25-69

11-19-68

WARRANTY DEED

G-3770 T.3N.R.34E.W.M. PER 6-2198 77777 PER. 6-3170 FINAL PROOF SURVEY Application No. 6-3003 Permit No. 6-3776
IN NAME OF LIEUALLEN RANCH, INC. Surveyed Arn. 18 19.73 by DM Norm

RECEIVED

APR 20 2007

WATER RESOURCES DEPT SALEM. OREGON NOTICE TO WATER WELL CONTRACTOR The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT SALEM, OREGON 97310 within 30 days from the date of well completion.

WATER WELL REPORT STATE OF OREGON APR 191978 8td

State Well No.

(Please type of WATER RESOURCES DERF Permit No. (Do not write above this IDALEM, OREGON

the state of the s		
(1) OWNER:	(10) LOCATION OF WELL:	
Name Shehpon Lieuzheen	County UMa TILLA Driller's well number	
Address ADAM3 ORe	SE 4 SE 4 Section 3 T. BN R. 34E	W.M.
(A) EVEN ON WORK (I I I)	Bearing and distance from section or subdivision corner	
(2) TYPE OF WORK (check):		
New Well Deepening Reconditioning Abandon D		
If abandonment, describe material and procedure in Item 13.	(11) WATER LEVEL: Completed well. 320	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found	1t.
Rotary Driven Domestic Dindustrial Municipal Domestic Dindustrial Municipal Domestic Dindustrial District Distr	Static level 278 ft. below land surface. Date 4-10	7-78
Dug Bored Irrigation Test Well Other	Artesian pressure lbs. per square inch. Date	
CASING INSTALLED: Threaded Welded	(12) WELL LOG: Diameter of well below casing /2 1/4	,
16 " Diam. from +2 ft. to -18 ft. Gage 2.50	Depth drilled 980 ft. Depth of completed well 980	ft.
12 " Diam. from + 2 1t. to -560 # Gage - 2,50	Formation: Describe color, texture, grain size and structure of mat	erials;
"Diam. from ft. to ft. Gage	and show thickness and nature of each stratum and aquifer penel with at least one entry for each change of formation. Report each cha	rated,
PERFORATIONS: Perforated? Yes No.	position of Static Water Level and indicate principal water-bearing	
Type of perforator used	MATERIAL From To 8	BWL
Size of perforations in. by in.	3016 0 11	
perforations from	BASALT BLOCK 11 320	
perforations fromft. toft.	11 BRN W/TOLC 320 330	50G
perforations from ft. to ft.	11 BLOW 330 460	
(7) SCREENS: Well screen installed? Yes Work		00 G
Manufacturer's Name	11 BLK W TELC 610 748	170 LB
Type Model No.	11 BLK W 72LE 748 800.	-10 -10
Diam Slot size Set from ft. to ft.		15 LBS
Diam Slot size Set from ft. to ft.		122 40
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	4 BLH . 820 895	
		40 LBS
Was a pump test made? Wes No II yes, by whom? FARMORE		60 48
Yield: 1500 gal./min. with 162 ft. drawdown after 8 hrs.	" GREY SOFT 972 980	
Bailer test gal./min. with ft. drawdown after hrs.		
Artesian flow g.p.m.	2 5 (0)	70
perature of water 66 Depth artesian flow encountered	1,	19 78
(9) CONSTRUCTION:	Date well drilling machine moved off of well 7-10	19 78
Well seal-Material used PORTLAND COMENT	Drilling Machine Operator's Certification:	
Well sealed from land surface tof.	This well was constructed under my direct supervi Materials used and information reported above are true t	sion.
Diameter of well bore to bottom of seal 22 in.	best knowledge and belief.	
Number of sacks of cement used in well seal	[Signed] Jan Bund Date 4-10, 1	9.7.0
How was cement grout placed?	Drilling Machine Operator's License No 7.3.3	
GREVITY	42	
DRIVE SAGE ON 12/4"	Water Well Contractor's Certification:	
	This well was drilled under my jurisdiction and this rep true to the best of my knowledge and belief.	ort is
Was a drive shoe used? Pes No Plugs Size: location ft.	Name Jany Bund Well Dulling	
Did any strata contain unusable water? Yes No	(Berson, firm or corporation) (Type or print)	40
Type of water? depth of strata	Address 5743 S.W. Pargles P. Pred	99
Method of sealing strata off	[Signed] Lany Burd	
Was well gravel packed? Yes No Size of gravel;	(Water Well Contractor)	70
Gravel placed from	Contractor's License No.744 Date 4-16	19.4.4
(USE ADDITIONAL SE	BETS IF NECESSARY) 8P-45	658-119

*	AL Aginal, and cate with the	division of the state of the st
	EM, OREGON STATE OF O	REGON 4020 Fill In State Permit No. 6-2198
	OWNER:	. (10) WELL TESTS:
	Ame LIEVALLEN RANCH INCH NOV 19 198	Was a pump test made? Mes I No If yes, by whom? ARM CHEMICALO
	Address ADAMS ORE STATE FIG	Was a pump test made? See 1 No It yes, by whom?
1		
/	AALFN, CET	2d " " " " " " " " " " " " " " " " " " "
•	×(2) LOCATION OF WELL:	Artesian flow
	County UMATILLA Owner's number, if any-	Shut-in pressurelbs, per square inch.
	R. F. D. or Street No.	Baller test g.p.m. with ft. drawdown
	Bearing and distance from section or subdivision corner	Temperature of water 108 Was a chemical analysis made? Yes M. No
	- WWAL, JEM Sec 3 1 3N Kange 3HE	Was electric log made of well? ☐ Yes MNo
		(11) WELL LOG:
		200.000
	TYPE OF WORK (check):	Diameter of well, /2X 8 inches.
	well Z Deepening Reconditioning Abandon	Total depth 72 ft. Depth of completed well ft.
	If abandonment, describe material and procedure in Item 11.	Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.
X	(4) PROPOSED USE (check): (5) EQUIPMENT:	Off. to 18 6 st. Soil
	Domestic ⋈ Industrial □ Municipal □ Rotary □	
	gation M Test Well D Other D Cable	6" BROKEN BASANT
	_ Dug well U	65" 107 " GRAY BASALT HARD
	(6) CASING INSTALLED: If gravel packed	107" 160 " BLACK BASALT
	Threaded Welded	160" 108 " BROWN CLAS
	FROM ft. to ft. Diam. Wall of Bore ft. ft.	168" +TAIT'S BASALT "NO GUTTINGS"
	"O "60" 16' 33'A, ""	11 11 11 11 11 11 11 11 11 11 11 11 11
	"O "/67' " 8" 2568. " "	"
	n n n n n n	
	99 , 39 99 99 42 11	
	n n n n n	n
	Type and size of shoe or well ring FACTORY Size of gravel:	n n
	Describe joint WEADED	B B
	(7) PERFORATIONS:	n n
	Type of perforator used NONE	n n
	SIZE of perforations in., length, by in.	n n
	FROM it. to it. perf per foot No. of rows	n n
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	" "
		" " "
	n n n n n n n n n	" "
	SCREENS:	n , n
13	Give Manufacturer's Name, Model No. and Size	n n
		n ii
	(8) CONSTRUCTION:	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Was a surface sanitary seal provided? M. Yes □ No To what depth 22 ft.	D D
	Were any strata sealed against pollution? ☐ Yes ☐ No	Ground elevation at well site feet above mean sea level.
	If yes, note depth of strata	Work started Takes are 19/44 Completed to the started
	FROM ft. to ft.	Well Driller's Statement:
		This well was drilled under my jurisdiction and this report to
	METHOD OF SEALING RENTONITE	true to the best of my knowledge and belief.
	(9) WATER LEVELS:	NAME CHARLES SUNGMANN DRILLING CO
	Depth at which water was first found 60 ft.	(Person, firm, or corporation) (Typed or printed)
	Standing level before perforating SS S.W. AFTER ft.	Address 115 REGS AVE, WANKA WANKA WASH.
	Standing level after perforating Digihhive ft.	Driller's well number
	Log Accepted by:	[Signed] Carles once
X	[Signed] Lieualler Honchbu Dated NOV 12 1964	(Well Driller)
	By Shilder Lieualle	License No. 236 Dated 1/0 V. 16 , 1964
	To the Doctor of the Control of the	,

1 10374

RECEIVED

APR 20 2007

WATER RESOURCES DEPT

G-2798 T.3N.R.34E.W.M. PER. 6-2138 [[[]] PER. 6-3170 FINAL PROOF SURVEY Application No. 6-3003 Permit No. 6-3770 IN NAME OF LIEUALLEN RANCH, INC. Surveyed APR. 18 19.73, by DM. Norsi







08/2006

Tract: 10460

RECEIVED

10374

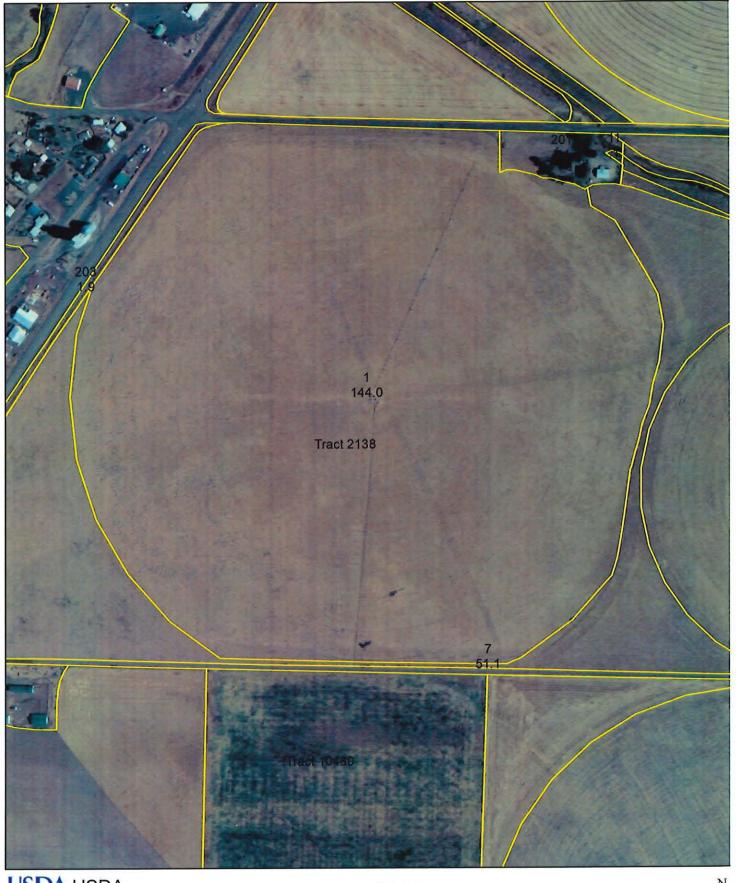


Umatilla County

0 85 170 340 510 680 Feet APR 20 2007

This acreage is for FSA progra purposes only. No warranty is WATER RESOURCES DEPTmade for any other use.

SALEM, OREGON





Tract: 2138
RECEIVED

Umatilla County

APR 20 2007

WATER RESOURCES DEPT SALEM, OREGON

10374

This acreage is for FSA progra purposes only. No warranty is made for any other use.

0 125 250

500

1,000

Feet

750

08/2006





Tract: 2138

RECEIVED

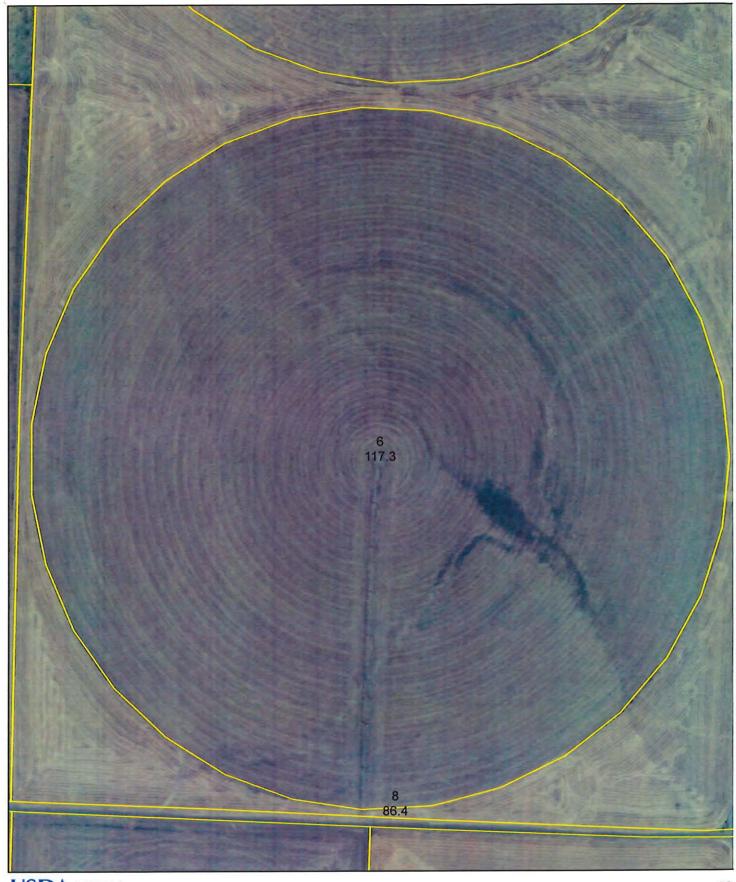
SALEM, OREGON

10374



Umatilla County APR 20 2007 0 80 160 320 480 640 Feet WATER RESOURCES DEPT

This acreage is for FSA progra purposes only. No warranty is made for any other use.





08/2006

Tract: 2138

Umatilla County

0 90 180 360 540 720 Feet

RECEIVED

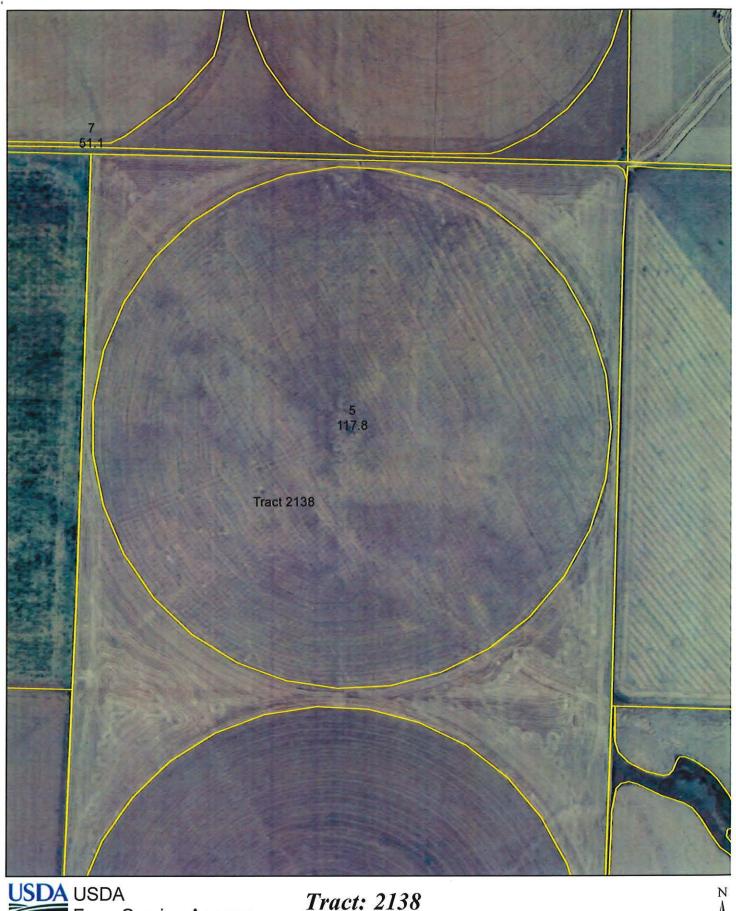
APR 20 2007

WATER RESOURCES DEPT SALEM, OREGON

made for any other use.

10374 This acreage is for FSA progra purposes only. No warranty is





Farm Service Agency

Umatilla

08/2006

0 120240 480 720 960 Feet

RECEIVED

APR 20 2007

WATER RESOURCES DEPT SALEM, OREGON

10374

This acreage is for FSA prograpurposes only. No warranty is made for any other use.

STATE OF OREGON

COUNTY OF IMATILLA

CERTIFICATE OF WATER RIGHT

This Is to Certify, That LIEUALLEN RANCH, INC.

of Adams , State of Oregon , has made proof to the satisfaction of the STATE ENGINEER of Oregon, of a right to the use of the waters of a well

a tributary of Wildhorse Creek irrigation of 278.1 acres

for the purpose of

under Permit No. G-2798 of the State Engineer, and that said right to the use of said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from December 21, 1964

that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed 0.84 cubic foot per second

or its equivalent in case of rotation, measured at the point of diversion from the stream. The point of diversion is located in the NWL SEL, Section 3, T. 3 N., R. 34 B., W. M., 2340 feet North and 2220 feet West from SE Corner, Section 3.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to one-eightieth of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3 acre feet per acre for each acre irrigated during the irrigation season of each year;

and shall

conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use under the right hereby confirmed, and to which such right is appurtenant, is as follows:

38.9 acres NEt SWt
16.6 acres Lot 6 (NWt SWt)
37.8 acres SWt SWt
40.0 acres SEt SWt
30.8 acres NEt SEt
33.6 acres NWt SEt
40.0 acres SWt SEt
40.4 acres SEt SEt
Section 3
T. 3 N., R. 34 E., W. M.

RECEIVED

APR 20 2007

WATER RESOURCES DEF SALEM OREGON

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein described.

WITNESS the signature of the State Engineer, affixed

this date. September 19, 1974

T 10374

Chris L. Wheeler

State Engineer

Recorded in State Record of Water Right Certificates, Volume . 32, page 40891

T#369/ dosed

STATE OF OREGON

COUNTY OF UNATILLA

CERTIFICATE OF WATER RIGHT

This Is to Certify, That Lieuallen Ranch, Inc.

97810

of Adams , State of Oregon , has made proof to the satisfaction of the STATE ENGINEER of Oregon, of a right to the use of the waters of a well

a tributary of Wildhorse Creek irrigation of 159.3 acres

for the purpose of

under Permit No. G-3770 of the State Engineer, and that said right to the use of said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from August 3, 1967

that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed 0.84 cubic foot per second

or its equivalent in case of rotation, measured at the point of diversion from the stream. The point of diversion is located in the NWL SEL, Section 3, T. 3 N., R. 34 E., W. H., 2340 feet North and 2220 feet West from SE Corner, Section 3.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to one-eightieth of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3 acre feet per acre for each acre irrigated during the irrigation season of each year;

and shall

conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use under the right hereby confirmed, and to which such right is appurtenant, is as follows:

39.6 acres NEt NEt
39.7 acres NMt NEt
40.0 acres SWt NEt
40.0 acres SEt NEt
Section 10
T. 3 N., R. 34 E., W. M.

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of

this date.

WITNESS the signature of the State Engineer, affixed

APR 20 2007

WATER RESOURCES DEPT SALEM, OREGON

.....Chris L. Wheeler.....

September 19, 1974

State Engineer

Recorded in State Record of Water Right Certificates, Volume 32, page 40900

7-#3691

Water Right Transfer Supplemental Form B AFFIDAVIT ATTESTING TO THE USE OF WATER

State of Oregon
County of <u>UMATILLA</u>) ss
I, Jim LIEUAUEN , in my capacity as PRESIDENT OF LIEUAUEN RANCH, INC. mailing address PO BOX 143 ADAMS OR 978/0
telephone number (541) 566-2010 , being first duly sworn depose and say:
1. I attest that:
Water was used during the previous five years on the entire authorized place of use of the water right proposed for transfer as described on the accompanying transfer application; or
The water right was leased instream at some time within the last five years. The instream lease number is as follows:; or
☐ The water right is not subject to forfeiture and documentation that a presumption of forfeiture for non-use would be rebutted under ORS 540.610(2) is attached.
2. My knowledge of the exercise or status of the water right is based on (check one):
Personal observation
3. My knowledge is specific to the use of water at the following locations:

Cownship	Rai	nge	Mer	Sec	1/4 1/4 Section	Gov't Lot or DLC	Acres (if applicable)
3 1	34	E	W	3	NE 44 SW 14		38.9
u q	4	9	u	11	NW14SW14	6	16.6
4	te	K	t _f	le	sw14 sw14		37.8
a a	q	re	q	le	SE 14 SW 14		40.4
e (e	te	4	le	le	NE 1/4 SE 1/4		30,8
e a	15	4	¥	le	NW 14 SE 1/4		33.6
1	· ·	te	10	tr	SWY4 SEY4		40.0
e le	te	le.	4	· r	SE1/4SE1/4		40,4
cc cr	tr	ir	te	10	NEV4 NEV4		39.6
10 10	er	tr	4	11	NWY4 NE	14	39.7 CONT 0

(continues on reverse side)

Please print legibly or type. Be as specific as possible. Attach additional pages if you need more space. Supporting documentation must be attached.

Supplemental Form B

-1-

Affidavit Attesting to the Use of Water 2007

4. The water right was exercised for the authorized purpose described below (e.g., crops grown): 2006 CROPS GROWN INCLUDE GRASS SEED, WHEAT AND CANOUR
5. The water delivery system used to apply water as authorized by the right is described below: 200 HP ELECTRIC PUMP/MOTOR DELIVERING WATER TO 4 CIRCLES
AND I LATERAL MOVE SYSTEM WHICH IS DISTRIBUTED BY A SYSTEM OF BURIED PIPES VARING IN SIZE FROM 10" TO 6" IN DIAMETER.
6. One or more of the following documentation supporting the above statements is attached:Copy of a water right certificate that was issued within the last five years (not a remaining right certificate),
Copies of receipts from sales of irrigated crops or for expenditures relating to the use of water, Records such as Farm Service Agency crop reports, irrigation district records, an NRCS farm management plan, or records of other water suppliers,
Dated aerial photographs of the lands or other photographs containing sufficient detail to establish the location and date of the photograph, Dedicated power usage records or receipts,
☐ Instream lease number
Signature of Affant Date
Signed and sworn to (or affirmed) before me this 16 day of April, 2007.
OFFICIAL SEAL SANDRA D JOHNSTON NOTARY PUBLIC-OREGON COMMISSION NO. 396967 MY COMMISSION EXPIRES SEPTEMBER 12, 2009
My Commission Expires: September 12, 2009

Please print legibly or type. Be as specific as possible. Attach additional pages if you need more space. Supporting documentation must be attached.

Supplemental Form B

THAT EXCHANGE AND A SECOND ASSESSMENT

Water Right Transfer Supplemental Form B AFFIDAVIT ATTESTING TO THE USE OF WATER

State of Ore	egon)	6020				
County of _	UMAT	TUA)	SS				
						PR	ESIDENT OF	
I, Jim	LIFY	4 LLEN			_, in my cap	acity as 🚜	PESIDENT OF ELIALLEN RAM	CH JAC
mailing ad	dress Po	BOX 1			MS OR			
telephone i	number (🖆	541)566	- 20	10	_, being first	duly sworn	depose and say:	
1. I attest	that:					ς.		
							orized place of us	
		was leased in a follows:			some time wi		five years. The i	nstream
					re and docun		at a presumption of is attached.	of
2. My kno				atus o			on (check one):	
1.	Person	al observat	ion		☐ Profe	ssional exp	ertise	
3. My kno	wledge is	specific_to t	he use	of wa	ater at the fol	lowing loca	tions:	
	Township	Range	Mer	Sec	¼¼ Section	Gov't Lot or DLC	Acres (if applicable)	
Ī	0 4	211 -	1.1	1	as II well		110 -	

Township		Range		Mer	Sec	¼¼ Section	Gov't Lot or DLC	Acres (if applicable)
3	N	34	E	W	10	SWY4NEY4		40.0
u	u	u	le	te	11	SWY4NEY4 SEY4NEY4		40.0
								<u> </u>

(continues on reverse side)

Please print legibly or type. Be as specific as possible. Attach additional pages if you need more space. Supporting documentation must be attached.

Supplemental Form B

-1-

Affidavit Attesting to the Use of Water

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Ni

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Ni

WHEAT HWS

WHEAT HWR

FALOW

Grain

Grain

REPORT OF COMMODITIES

PROGRAM YEAR 2006

FARM NUMBER:

5020

FARM AND TRACT DETAIL LISTING

DATE: 04-16-2007

Original: _ Operator Name and Address ID Revision: _ LIEUALLEN BROTHERS 1852 PO BOX 35 Cropland: 1,953.8 97810-0035 ADAMS, OR Farmland: 2,116.2 C/C Prod Prod RMA Opt Crp 0/ CLU/ Var/ Int Lnd Rpt Reported Determined Tract Irr Unt Lnd M Stat Share ID Unt Unt Number Field Prc C/C Туре Use Use Quantity Quantity 1 F FAV A 112.90 Y I .2000 1801 135 **BEANS** GAR DryEd Ni 1852 .8000 C/C Type Prac IU Non-Irrig Irrigated BEANS GAR N DE 112.90 Photo Number/Legal Description: GIS/T3N/R34/S-1 RAINVILLE .00 .00 Reported on Non-Cropland: 112.9 Reported on Cropland: 112.90 Difference: 79.20 .5000 4734 268 1 Ni WHEAT SWW Grain A .5000 1852 4734 2 Ni CRP 1 A 3.20 Y I 5000 1852 .5000 Irrigated C/C Type Prac IU Irrigated Type Prac IU Non-Irrig Non-Irrig WHEAT SWW CRP 3.20 N GR 79.20 Photo Number/Legal Description: GIS/T2N/R34/S-9 MOONSHINE .00 Reported on Non-Cropland: .00 Cropland: 82.4 Reported on Cropland: 82.40 Difference: 105.90 .5000 4734 1947 1 Ni WHEAT SWW Grain Α .5000 1852 C/C Type Prac IU Non-Irrig Irrigated WHEAT SWW N 105.90 Photo Number/Legal Description: GIS/T2N/R34/S-9 TC87 BRONSON .00 Reported on Non-Cropland: .00 105.90 Difference: Cropland: 105.9 Reported on Cropland: Y .2500 1801 2138 Ir WHEAT SWW Grain 144.00 I .7500 1852 Y .2500 1801 2 Ir CANOL FAL Seed 64.30 .7500 1852 Y 1801 5 A 117.80 I .2500 Ir WHEAT SWW Grain .7500 1852 1801 Y .1000 GRASS BLK 117.30 I 6 Ir Seed .9000 1852

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APR 20 2007

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WATER RESOURCES DEPT SALEM, OREGON

REPORT OF COMMODITIES

PROGRAM YEAR 2006

FARM NUMBER: 5020 FARM AND TRACT DETAIL LISTING

DATE: 04-16-2007

Tract Number	CLU/ Field	Irr Prc	C/C	Var/ Type	Int Use	Lnd Use	Rpt Unt	Reported Quantity	Determined Quantity	Crp Lnd	0/ M		Prod Share	Prod ID	RMA Unt	Opt Unt
2138	9	Ni	WHEAT	(con	tinued)								.7500	1852		
	10	Ni	WHEAT	HWR	Grain		Α	8.00		Υ		1	.2500 .7500	1801 1852		
	11	Ni	GRASS	NAG	Graze		Α	.70		Υ		1	.2500 .7500	1801 1852		
	12	Ni	GRASS	NAG	Graze		Α	2.50		N		I	.2500 .7500	1801 1852		14
	13	Ni	GRASS	NAG	Graze		Α	2.50		Υ		I	.2500 .7500	1801 1852		
	14	Ni	GRASS	NAG	Graze		Α	5.30		Υ		I	.2500 .7500	1801 1852		
C/C Type CANOL FAI GRASS NAI WHEAT SWI	G N GZ		n-Irrig 11.00		rigated C/ 64.30 FA WH 261.80	C Type LOW EAT HWR	N	Non-Irrig 86.40 18.20)	GRAS	Type S BLK T HWS	I	IU Nor SD GR	n-Irrig 51.		rigated 117
Pho	to Number	/Legal	Descri	ption	: GIS/T3N/R	34/S-3,	10 HAGER,	HOME, CARPENT	ER							
Cro	pland:	60	1.5 Rep	orted	on Croplan	d:	607.60	Difference:	6.1) Repo	rted	on No	n-Cropla	ınd:		2.50
2139	1	Ni	FALOW				Α	40.60		Υ		I	.2668 .1332 .6000	8704 9940 1852		
C/C Type FALOW	e Prac III															
TALON	N	No	n-Irrig 40.60	Irr	rigated											
Phot	N to Number/	'Lega1	40.60 Descri	ption:	: GIS/T3N/R											
Phot	N	'Lega1	40.60 Descri	ption:				R Difference:	. 00) Repo	rted (on Nor	n-Cropla	nd:		.00
Phot	N to Number/	'Lega1	40.60 Descri	ption: orted	: GIS/T3N/R				.00) Repo	rted (on Nor	n-Cropla .2500 .7500	nd: 1801 1852		.00
Phot Crop	N to Number, pland:	'Legal 4	40.60 Descri 0.6 Rep	ption: orted	: GIS/T3N/R on Croplan		40.60	Difference:	, 00	. (14,00	rted (50/m #40/50	.2500	1801 1852 1801		.00
Phot Crop	N to Number, pland:	'Legal 4 Ni	40.60 Descri 0.6 Rep WHEAT	ption: orted	GIS/T3N/R on Croplan Grain		40.60 A	Difference:	. 00	Υ	rted (I.	.2500 .7500	1801 1852 1801 1852		.00
Phot Crop	N to Number, pland:	'Legal 4 Ni Ni	40.60 Descri 0.6 Rep WHEAT	orted SWW	GIS/T3N/R on Croplan Grain		40.60 A A	45.40 2.50	, 00	Y	rted (I I	.2500 .7500 .5000 .5000	1801 1852 1801 1852 1801 1852 1801		.00
Photocrop 2140 C/C Type CRP	N to Number/ pland: 1 3 2A 2B e Prac IU N 1	'Legal 4 Ni Ni Ni Ni	40.60 Descri 0.6 Rep WHEAT CRP PEAS	orted SWW	GIS/T3N/R on Cropland Grain 1 DryEd	d:	40.60 A A A	45.40 2.50 37.10	Irrigated	Y Y Y	Туре	I I I Prac	.2500 .7500 .5000 .5000 .2000 .8000 .2500 .7500	1801 1852 1801 1852 1801 1852 1801 1852	Iri	.00
Photocrop 2140 C/C Type CRP WHEAT SWW	N to Number/ pland: 1 3 2A 2B e Prac IU N 1 W N GR	VLegal A Ni Ni Ni Ni Ni Ni	40.60 Descri 0.6 Rep WHEAT CRP PEAS FALOW n-Irrig 2.50 45.40	orted SWW GRN	GIS/T3N/R on Cropland Grain 1 DryEd	d: C Type LOW	A A A Prac IU	45.40 2.50 37.10 5.90 Non-Irrig	Irrigated	Y Y Y C/C	Туре	I I I Prac	.2500 .7500 .5000 .5000 .2000 .8000 .2500 .7500	1801 1852 1801 1852 1801 1852 1801 1852 -Irrig	Ir 10	400/00
Photo	N to Number/ pland: 1 3 2A 2B e Prac IU N 1 W N GR	VLegal A Ni Ni Ni Ni Ni Legal	40.60 Descri 0.6 Rep WHEAT CRP PEAS FALOW n-Irrig 2.50 45.40 Descrip	orted SWW GRN Irr	GIS/T3N/R on Croplan Grain 1 DryEd rigated C/G FAL	C Type LOW 34/S-9	A A A Prac IU N CAYUSE	45.40 2.50 37.10 5.90 Non-Irrig	Irrigated	Y Y Y C/C PEAS	Type GRN	I I I Prac	.2500 .7500 .5000 .5000 .2000 .8000 .2500 .7500	1801 1852 1801 1852 1801 1852 1801 1852 -Irrig 37.	Iri	400/00

REPORT OF COMMODITIES

PROGRAM YEAR 2006

FARM NUMBER: 5020

FARM AND TRACT DETAIL LISTING

DATE: 04-16-2007

C/C Type Prac IU Non-Irrig Irrigated Photo Number/Legal Description: GIS/T3N/R34/S-15 POKER JIM Cropland: 41.8 Reported on Cropland: 41.80 Difference: .00 Reported on Non-Cropland 2146 1 Ni GRASS NAG Graze A 5.80 Y I .2500 .7500 2 ID Ni GRASS NAG Graze A 1.70 Y I .2500 .7500 C/C Type Prac IU Non-Irrig Irrigated GRASS NAG N GZ 7.50 Photo Number/Legal Description: GIS/T3N/R34/S-4 HAGER/FEED LOT Cropland: 7.5 Reported on Cropland: 7.50 Difference: .00 Reported on Non-Cropland 2147 1 Ni FALOW A 127.50 Y I .2500	nd : 1801 1852	.00
Photo Number/Legal Description: GIS/T3N/R34/S-16 BEST	1801	.00
Cropland: 158.9 Reported on Cropland: 158.90 Difference: .00 Reported on Non-Cropland: 2145 1 Ni FALOW A 41.80 Y I .25000 .7500 C/C Type Prac IU Non-Irrig Irrigated FALOW N 41.80 Irrigated HALOW N A 41.80 Difference: .00 Reported on Non-Cropland: Cropland: 41.8 Reported on Cropland: 41.80 Difference: .00 Reported on Non-Cropland: 2146 1 Ni GRASS NAG Graze A 5.80 Y I .2500 .7500 2 ID Ni GRASS NAG Graze A 1.70 Y I .2500 .7500 C/C Type Prac IU GRASS NAG Graze A 1.70 Y I .2500 .7500 Photo Number/Legal Description: GIS/T3N/R34/S-4 HAGER/FEED LOT Cropland: 7.50 Difference: .00 Reported on Non-Cropland: 2147 1 Ni FALOW A 127.50 Y I .2500	1801	.00
2145	1801	.00
.7500 C/C Type Prac IU Non-Irrig Irrigated FALOW N 41.80 Irrigated Photo Number/Legal Description: GIS/T3N/R34/S-15 POKER JIM Cropland: 41.8 Reported on Cropland: 41.80 Difference: .00 Reported on Non-Croplan 2146 1 Ni GRASS NAG Graze A 5.80 Y I .2500 .7500 2 ID Ni GRASS NAG Graze A 1.70 Y I .2500 .7500 C/C Type Prac IU Non-Irrig Irrigated GRASS NAG N GZ 7.50 Photo Number/Legal Description: GIS/T3N/R34/S-4 HAGER/FEED LOT Cropland: 7.5 Reported on Cropland: 7.50 Difference: .00 Reported on Non-Croplan 2147 1 Ni FALOW A 127.50 Y I .2500		
FALOW N 41.80 Photo Number/Legal Description: GIS/T3N/R34/S-15 POKER JIM Cropland: 41.8 Reported on Cropland: 41.80 Difference: .00 Reported on Non-Cropland 2146 1 Ni GRASS NAG Graze A 5.80 Y I .2500 .7500 2 ID Ni GRASS NAG Graze A 1.70 Y I .2500 .7500 C/C Type Prac IU GRASS NAG N GZ 7.50 Irrigated 7.50 7.50 Photo Number/Legal Description: GIS/T3N/R34/S-4 HAGER/FEED LOT Cropland: 7.5 Reported on Cropland: 7.50 Difference: .00 Reported on Non-Cropland 2147 1 Ni FALOW A 127.50 Y I .2500		
Cropland: 41.8 Reported on Cropland: 41.80 Difference: .00 Reported on Non-Cropland: 2146 1 Ni GRASS NAG Graze A 5.80 Y I .2500 .7500 2 ID Ni GRASS NAG Graze A 1.70 Y I .2500 .7500 C/C Type Prac IU Non-Irrig Irrigated GRASS NAG N GZ 7.50 The complex of the complex		
2146		
.7500 2 ID Ni GRASS NAG Graze A 1.70 Y I .2500 .7500 C/C Type Prac IU Non-Irrig Irrigated GRASS NAG N GZ 7.50 Photo Number/Legal Description: GIS/T3N/R34/S-4 HAGER/FEED LOT Cropland: 7.5 Reported on Cropland: 7.50 Difference: .00 Reported on Non-Cropland: 2147 1 Ni FALOW A 127.50 Y I .2500	nd:	.00
C/C Type Prac IU Non-Irrig Irrigated GRASS NAG N GZ 7.50 Photo Number/Legal Description: GIS/T3N/R34/S-4 HAGER/FEED LOT Cropland: 7.5 Reported on Cropland: 7.50 Difference: .00 Reported on Non-Croplan 2147 1 Ni FALOW A 127.50 Y I .2500	1801 1852	
Photo Number/Legal Description: GIS/T3N/R34/S-4 HAGER/FEED LOT Cropland: 7.5 Reported on Cropland: 7.50 Difference: .00 Reported on Non-Croplan 2147 1 Ni FALOW A 127.50 Y I .2500	1801 1852	
Cropland: 7.5 Reported on Cropland: 7.50 Difference: .00 Reported on Non-Cropland: 2147 1 Ni FALOW A 127.50 Y I .2500		
2147 1 Ni FALOW A 127.50 Y I .2500		
	id:	.00
.7500	1801 1852	
2 Ni FALOW A 29.10 Y I .2500 .7500	1801 1852	
C/C Type Prac IU Non-Irrig Irrigated FALOW N 156.60		
Photo Number/Legal Description: GIS/T4N/R34/S-25 MACARTHUR		
Cropland: 156.6 Reported on Cropland: 156.60 Difference: .00 Reported on Non-Croplan	d:	.00
	1801 1852	
C/C Type Prac IU Non-Irrig Irrigated WHEAT SWW N GR 40.50		
Photo Number/Legal Description: GIS/T3N/R34/S-28 TWO SLAP		
Cropland: 40.5 Reported on Cropland: 40.50 Difference: .00 Reported on Non-Cropland		.00
	d:	
3 Ni PEAS GRN DryEd A 12.90 Y I .2500 4	d: 4734 1852	

PAGE 3 RECEIVED

APR 20 2007

REPORT OF COMMODITIES

PROGRAM YEAR 2006

FARM NUMBER:

5020

FARM AND TRACT DETAIL LISTING

DATE: 04-16-2007

-																
Tract Numbe		Irr Prc	C/C	Var/ Type	Int Use	Lnd Use	Rpt Unt	Reported Quantity	Determined Quantity	Crp Lnd	0/ M	C/C Stat	Prod Share	Prod ID	RMA Unt	Opt Unt
214	9 3	Ni	PEAS	(cont	inued)			€¢					.7500	1852		
	2A	Ni	PEAS	GRN	DryEd		Α	105.60		Υ		I	.2500 .7500	4734 1852		
	2B	Ni	FALOW				Α	11.90		Y		I	.2500 .7500	4734 1852		
C/C FALOW	Type Prac I N	J No	n-Irriq 11.90		rigated C/ PE	C Type AS GRN	Prac IU N DE	Non-Irrig		i						
Ж	Photo Numbe	r/Legal	Descr	iption:	GIS/T2N/R	34/S-16	MOONSH	HINE 1/4								
	Cropland:	14	11.1 Rep	orted	on Croplan	d:	141.10	Difference:		00 Rep	orted	on No	n-Cropla	nd:		.00
1046	0 1	Ir	WHEAT	SWW	Grain		А	81.90		Υ		I	.2500 .7500	1801 1852		5
C/C WHEAT	Type Prac II SWW I G		n-Irriç	J Irr	rigated 81.90											
}	Photo Number	·/Lega1	Descri	ption:	GIS/T3N/R	34/S10	COP	POCK								
(Cropland:	8	81.9 Rep	orted	on Croplan	d:	81.90	Difference:	. (00 Repo	orted (on Nor	n-Cropla	nd:		.00
1047	1	Ni	WHEAT	SWW	Grain		Α	33.90		Υ		I	.4000 .6000	3758 1852		
C/C T WHEAT	Type Prac II SWW N GF	J No	n-Irrig 33.90	Irr	igated											
F	Photo Number	'/Lega1	Descri	ption:	GIS/T4N/R	35/\$10,	11 WI	NN								
(Cropland:	3	3.9 Rep	orted	on Cropland	d:	33.90	Difference:	.(0 Repo	orted o	on Nor	n-Cropla	nd:		.00
10472	2 1	Ni	WHEAT	SWW	Grain		Α	240.30		Υ		Ι	.2500 .7500	1801 1852		
C/C T WHEAT	Type Prac Il SWW N GF	J No	n-Irrig 240.30		igated											
P	Photo Number	/Lega1	Descri	ption:	GIS/T4N/R	35/S10,1	l1 WI	NN								
C	Cropland:	24	0.3 Rep	orted	on Cropland	d:	240.30	Difference:	. 0	0 Repo	orted o	n Nor	n-Cropla	nd:		.00
10473	3 1	Ni	WHEAT	SWW	Grain		Α	15.20		Υ		I	.4000 .6000	3758 1852		
C/C T WHEAT	ype Prac Il SWW N GR	No	n-Irrig 15.20	Irr	igated											
Р	hoto Number	/Legal	Descri	ption:	GIS/4N/R35	5/S10.11	WIN	٧								
C	Cropland:	1	5.2 Rep	orted (on Cropland	i :	15.20	Difference:	.0	0 Repo	orted o	n Non	-Croplar	nd:		.00
10474	1	Ni	WHEAT	SWW	Grain		Α	1.90		Y		I	.4000	3758 1852		

PAGE 4

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UMATILLA, OREGON

FSA-578 (02-01-91)

REPORT OF COMMODITIES

PROGRAM YEAR 2006

FARM NUMBER:

5020

FARM AND TRACT DETAIL LISTING

TROOMIN TERM 2000

DATE: 04-16-2007

Tract Number

10474

C/C Type Prac IU WHEAT SWW N GR Non-Irrig Irrigated

1.90

Photo Number/Legal Description: GIS/T4N/R35/S10,11

Cropland:

1.9 Reported on Cropland:

1.90 Difference:

.00 Reported on Non-Cropland:

.00

PAGE

5

10374

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APR 2 0 2007

WATER RESOURCES DEPT
SALEM OREGON

Operator Name and Address

REPORT OF COMMODITIES

PROGRAM YEAR 2006

FARM NUMBER:

LIEUALLEN BROTHERS

PO BOX 35

ADAMS, OR

5020

97810-0035

18.20

562.30

ID

1852

FARM SUMMARY

DATE: 04-16-2007

Original: _

Revision: Cropland:

1,953.8

Farmland:

2,116.2

The authority for collecting the following information is Pub.L 107-76. This authority allows for the collection of information without prior OMB approval mandated by the Paperwork Reduction Act of 1995. The data will be used to determine eligibility for assistance. Furnishing the data is voluntary, however, without it assistance cannot be provided. The data may be furnished to any agency responsible for enforcing the provisions of the Act.

provided. The data is	ay be fulfitshe	u to any ac	gency resp	onstble for el	more my cm	e provisions	Of the A	ACC.	
Producer Name LUCY RENA VAWTER	ID 8704	C/C FALOW	Share .0316	C/C	Share	C/C	Share	C/C	Share
JOAN LEWIS	9940	FALOW	.0158						
PRESTON WINN	3758	WHEAT	.0209						
LIEUALLEN RANCH INC	1801	WHEAT FALOW	.1895 .2118	BEANS GRASS	.2000 .1204	PEAS LENTI	.0446 .2000	CRP CANOL	.2193 .2500
CTUIR	4734	WHEAT	.0949	PEAS	.1942	CRP	.2807	FALOW	.0087
LIEUALLEN BROTHERS	1852	WHEAT FALOW	.6947 .7321	BEANS GRASS	.8000 .8796	PEAS LENTI	.7612 .8000	CRP CANOL	.5000 .7500
Crop Type Prac IU Reported BEANS GAR N DE 112. FALOW N 343. LENTI N DE 158.	90 20	Crop Type CANOL FAL GRASS BLK OFAV	I SD I SD N	Reported [64.30 117.30 112.90	Determined	Crop Type I CRP GRASS NAG PEAS GRN	Prac IU N 1 N GZ N DE	Reported Det 5.70 18.50 166.30	cermined

OPERATOR'S CERTIFICATION: I certify to the best of my knowledge and belief that the acreage of crops and land uses listed herein are true and correct, and that all required crops and land uses have been reported for the farm as applicable. The signing of this form gives FSA representatives authorization to enter and inspect crops and land uses on the above identified land.

51.10

Operator's Signature

GR

GR

WHEAT HWR N

WHEAT SWW N

343.70

WHEAT SWW

This program or activity will be conducted on a nondiscriminatory basis without regard to race, color, religion, national origin, sex. age, marital status, or disability.

WHEAT HWS

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APR 20 2007

10374

		Farm #	5020						
		Tract #	2138						
		Indian Allot.							
Operator-		Lieuallen Brothers							
Owner-		Lieuallen Ra	anch Inc						
Owner-		Lieualien Ka	andi mo.						
Total Cropla	ınd-	607	Identifier:						
PHOTO#	FIELD	ACRES	EVEN	ODD	NOTES	3			
221	1	143.1		- 143.1	NHEL	Hager	Circle IRR		
	. 2	72.2		72.2	NHEL	Hager	Circle IRR		
	3	0							
	4	0							
22J	5	124.4		124.4	HEL	Home	Circle Irr		
	6	123.1		123.1	NHEL	Carpenter	Circle IRR		
	7	44	44						
	8	74.1	74.1						
	9	10.2	2000		NHEL				
	10	8			NHEL				
	11	0.1			NHEL				
	12	0.1		5	MPL (2.5)				
	13	2.5			NHEL				
	14	5.3			NHEL				
77									
TOTALS		607	118.1	462.8					

		Farm #	5020)					
		Tract #	10460)					
			Indian Allot.						
Operator-		Lieuallen	Brothers						
Owner-		Lieuallen Ra	Lieuallen Ranches						
Total Cropla	and-	81.0	81.9 Identifier: Coppock						
//////////////////////////////////////	and-	01.3	Identifici.	Coppock					
PHOTO #	FIELD	ACRES	EVEN	ODD	NOTES				
22J	1	81.9		81.9	IRR				
				_					
				-					
D.									
				-					
TOTALS		04.0	0	04.0					
TOTALS	n	81.9	- 0	81.9					

APR 20 2

PAGE 1 OF 2

SHELDON J LIEUALLEN PO BOX 35 ADAMS OR 97810-0035

Questions about your bill: 1-888-221-7070 24 hours a day, 7 days a week www.pacificpower.net

BILLING DATE:

Apr 12, 2005

ACCOUNT NUMBER:

DATE DUE:

Apr 28, 2005

AMOUNT DUE:

\$117.70

Your Balance With Us

Previous Account Balance 0.00 Payments/Credits 0.00 New Charges +117.70 Current Account Balance \$117.70

Payments Received

No payments have been received since your last billing statement,

TRR

Detailed Account Activity

ITEM 1 - ELECTRIC SERVICE

3/4MI E AGRICHEM Adams OR

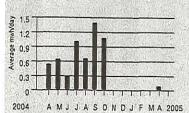
Horse Power Rating : 0260.0 Oregon Agricultural Pumping S Schedule 41L Service ID: 884339665-001

METER NUMBER	SERVICE PERIOD From	То	ELAPSED DAYS	METER READINGS Previous	Current	METER MULTIPLIER	AMOUNT USED THIS MONTH
1312617	Mar 10, 2005	Apr 8, 2005	29	15130	15179	40.0	1,960 kwh
1312617	Demand	Apr 8, 2005			3.775	40.0	151 kw
1312617	Reactive	Apr 8, 2005			1.488	40.0	60 kvar

Previous Month Estimated - Seasonal Disconnect

NEW CHARGES - 04/05	UNITS	COST PER UNIT	CHARGE
Delivery Charge for 12 day(s)	811 kwh	0.0231400	18.77
Delivery Charge for 17 day(s) (Your Est. Load Size Charge Is \$1,659.00)	1,149 kwh	0.0231700	26.62
Basic Service Energy for 21 day(s)	1,419 kwh	0.0493500	70.03
Basic Service Energy for 8 day(s)	541 kwh	0.0326900	17.68
Public Purpose		0.0300000	3.99
Low Income Assistance for 21 day(s)	1,419 kwh	0.0003800	0.54

Historical Data - ITEM 1



Your Average Daily kwh Usage by Month

PERIOD ENDING	APR 2005	APR 2004
Avg. Dally Temp.	47	50
Total kwh	1960	15960
Avg. kwh per Day	68	532
Cost per Day	\$4.05	

Fuel source, environmental impact and price comparison information is available on our Web site at www.pacificpower.net

As of March 23, the delivery charge on your large non-residential account increased by 0.003 cents/kwh. As a result, two line items for Delivery Charge will show on your bill. One charge at the old rate, and one charge at the new rate.

See reverse



Late Payment Charge for Oregon
A late payment charge of 1.5% may be charged on any balance not paid in full

WATER RESOURCES DEPT SALEM, OREGON



PACIFIC POWER

SHELDON J LIEUALLEN PO BOX 35 ADAMS OR 97810-0035 Questions about your bill: 1-888-221-7070 24 hours a day, 7 days a week www.pacificpower.net BILLING DATE:

May 10, 2005

ACCOUNT NUMBER:

DATE DUE:

May 26, 2005

AMOUNT DUE:

\$1,407.23

Your Balance With Us

Previous Account Balance	117.70
Payments/Credits	-117.70
New Charges	+1,407.23
Current Account Balance	\$ 1,407.23

Payments Received

DATE	DESCRIPTION	AMOUNT
Apr 25, 2005	Payment Received - Thank you	117.70

Total Payments

weu

\$117.70

Detailed Account Activity

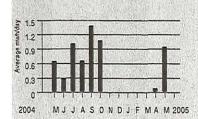
ITEM 1 - ELECTRIC SERVICE

3/4MI E AGRICHEM Adams OR Horse Power Rating: 0260.0 Oregon Agricultural Pumping S Schedule 41L Service ID: 884339665-001

METER NUMBER	SERVICE PERIOD From	То	ELAPSED DAYS	METER READINGS Previous	Current	METER MULTIPLIER	AMOUNT USED THIS MONTH
1312617	Apr 8, 2005	May 9, 2005	31	15179	15918	40.0	29,560 kwh
1312617	Demand	May 9, 2005			4.264	40.0	171 kw
1312617	Reactive	May 9, 2005			1.667	40.0	67 kvar

NEW CHARGES - 05/05	UNITS	COST PER UNIT	CHARGE
Delivery Charge (Your Est. Load Size Charge Is \$1,749.00)	29,560 kwh	0.0231700	684.91
Basic Service Energy	29,560 kwh	0.0326900	966.32
Public Purpose		0.0300000	49.54
Low Income Assistance	29,560 kwh	0.0003300	9.75
B P A Energy Discount	29.560 kwh	-0.0102600	-303.29
Total New Charges			1,407.23

Historical Data - ITEM 1



Your Average Daily kwh Usage by Month

PERIOD ENDING	MAY 2005	MAY 2004
Avg. Daily Temp.	52	54
Total kwh	29560	19720
Avg. kwh per Day	954	636
Cost per Day	\$45.39	

Fuel source, environmental impact and price comparison information is available on our Web site at www.pacificpower.net

Late Payment Charge for Oregon
A late payment charge of 1.5% may be charged on any balance not paid in full charges of any parance not paid in tuli



PACIFIC POWER

PAGE 1 OF 2

SHELDON J LIEUALLEN PO BOX 35 ADAMS OR 97810-0035

Questions about your bill: 1-888-221-7070 24 hours a day, 7 days a week www.pacificpower.net

BILLING DATE:

Jun 9, 2005

ACCOUNT NUMBER:

DATE DUE:

Jun 27, 2005

AMOUNT DUE:

\$1.942.31

WATER RESOURCES DEPT SALEM, OREGON

APR 20 2007

Your	Ba	lance	With	Us
------	----	-------	------	----

Previous Account Balance 1,407.23 Payments/Credits -1,407.23**New Charges** +1,942.31

Payments Received

DATE	DESCRIPTION	AMOUNT
May 18, 2005	Payment Received - Thank you	1,407.23

Total Payments

\$1,942.31

\$1,407.23

Detailed Account Activity

Current Account Balance

ITEM 1 - ELECTRIC SERVICE

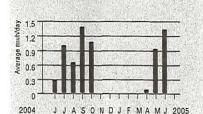
3/4MI E AGRICHEM Adams OR

Horse Power Rating: 0260.0 Oregon Agricultural Pumping S Schedule 41L Service ID: 884339665-001

METER NUMBER	SERVICE PERIOD From	То	ELAPSED DAYS	METER READINGS Previous	Current	METER MULTIPLIER	AMOUNT USED THIS MONTH
1312617	May 9, 2005	Jun 8, 2005	30	15918	16938	40.0	40,800 kwh
1312617	Demand	Jun 8, 2005			4.43	40.0	177 kw ³
1312617	Reactive	Jun 8, 2005			1.691	40.0	68 kvar

NEW CHARGES - 06/05	UNITS	COST PER UNIT	CHARGE
Delivery Charge (Your Est. Load Size Charge Is \$1,866.00)	40,800 kwh	0.0231700	945.34
Basic Service Energy	40,800 kwh	0.0326900	1,333.75
Public Purpose		0.0300000	68.37
Low Income Assistance	40,800 kwh	0.0003300	13.46
B P A Energy Discount	40,800 kwh	-0.0102600	-418.61
Total New Charges	.\$		1,942.31

Historical Data - ITEM 1



Your Average Daily kwh Usage by Month

PERIOD ENDING	JUN 2005	JUN 2004
Avg. Dally Temp.	58	59
Total kwh	40800	7680
Avg. kwh per Day	1360	274
Cost per Day	\$64.74	

Talk with an expert

Pacific Power has a hotline specifically for irrigators. If you have any questions about your pumping account or your billing, please call 1-800-715-9238.

Late Payment Charge for Oregon A late payment charge of 1.5% may be charged on any balance not paid in full each month.

PACIFIC POWER

SHELDON J LIEUALLEN PO BOX 35 ADAMS OR 97810-0035

Questions about your bill: 1-888-221-7070 24 hours a day, 7 days a week www.pacificpower.net

BILLING DATE:

Jul 12, 2005

ACCOUNT NUMBER:

Jul 29, 2005

DATE DUE: AMOUNT DUE:

\$2,505.96

Your Balance With Us

Previous Account Balance	1,942.31
Payments/Credits	-1,942.31
New Charges	+2,505.96
Current Account Balance	\$ 2,505.96

Payments Received

DATE	DESCRIPTION	î	AMOUNT
Jun 25, 2005	Payment Received - Thank you	***************************************	1,942.31

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Total Payments

\$1,942.31

Detailed Account Activity

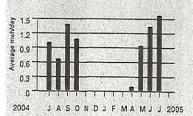
ITEM 1 - ELECTRIC SERVICE

3/4MI E AGRICHEM Adams OR Horse Power Rating: 0260.0 Oregon Agricultural Pumping S Schedule 41L Service ID: 884339665-001

METER NUMBER	SERVICE PERIOD From	То	ELAPSED DAYS	METER READINGS Previous	Current	METER MULTIPLIER	AMOUNT USED THIS MONTH
1312617	Jun 8, 2005	Jul 11, 2005	33	16938	18254	40.0	52,640 kwh
1312617	Demand	Jul 11, 2005			4.874	40.0	195 kw
1312617	Reactive	Jul 11, 2005			1.825	40.0	73 kvar

NEW CHARGES - 07/05	UNITS	COST PER UNIT	CHARGE
Delivery Charge (Your Est. Load Size Charge Is \$1,974.00)	52,640 kwh	0.0231700	1,219.67
Basic Service Energy	52,640 kwh	0.0326900	1,720.80
Public Purpose		0.0300000	88.21
Low Income Assistance	52,640 kwh	0.0003300	17.37
B P A Energy Discount	52,640 kwh	-0.0102600	-540.09
Total New Charges			2,505.96

Historical Data - ITEM 1



Your Average Daily kwh Usage by Month

PERIOD ENDING	JUL 2005	JUL 2004
Avg. Dally Temp.	66	70
Total kwh	52640	37520
Avg. kwh per Day	1595	1014
Cost per Day	\$75.93	

Fuel source, environmental impact and price comparison information is available on our Web site at pacificpower.net.

Talk with an expert Pacific Power has a hotline specifically for irrigators. If you have any questions about your pumping account or your billing, please call 1-800-715-9238.

Late Payment Charge for Oregon A late payment charge of 1.7% may be charged on any balance not paid in full each monthgo charged on any balance not paid in full

11/1/2

PACIFIC POWER

SHELDON J LIEUALLEN PO BOX 35 ADAMS OR 97810-0035 Questions about your bill: **1-888-221-7070** 24 hours a day, 7 days a week www.pacificpower.net BILLING DATE:

Aug 11, 2005

ACCOUNT NUMBER:

Ware to a security of the following

DATE DUE:

Aug 29, 2005

AMOUNT DUE:

\$21.92

Your Balance V	Vith	Us
----------------	------	----

Previous Account Balance	2,505.96
Payments/Credits	-2,505.96
New Charges	+21.92
Current Account Ralance	\$ 21.92

Payments Received

DATE	DESCRIPTION	ı	AMOUNT
Jul 25, 2005	Payment Received - Thank you		2,505.96

Total Payments

\$2,505.96

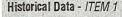
Detailed Account Activity

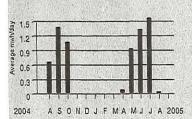
ITEM 1 - ELECTRIC SERVICE

3/4MI E AGRICHEM Adams OR Horse Power Rating: 0260.0 Oregon Agricultural Pumping S Schedule 41L Service ID: 884339665-001

METER NUMBER	SERVICE PERIOD From	То	ELAPSED DAYS	METER READINGS Previous	Current	METER MULTIPLIER	AMOUNT USED THIS MONTH
1312617	Jul 11, 2005	Aug 10, 2005	30	18254	18266	40.0	480 kwh
1312617	Demand	Aug 10, 2005			3.387	40.0	135 kw
1312617	Reactive	Aug 10, 2005			1.326	40.0	53 kvar

NEW CHARGES - 08/05	UNITS	COST PER UNIT	CHARGE
Delivery Charge for 17 day(s)	272 kwh	0.0198300	5.39
Delivery Charge for 13 day(s) (Your Est. Load Size Charge Is \$1,974.00)	208 kwh	0.0231700	4.82
Basic Service Energy Public Purpose	480 kwh	0.0326900 0.0300000	15.69 0.78
Low Income Assistance	480 kwh	0.0003300	0.16
B P A Energy Discount	480 kwh	-0.0102600	-4.92
Total New Charges			21.92





Your Average Daily kwh Usage by Month

PERIOD ENDING	AUG 2005	AUG 2004
Avg. Daily Temp.	75	76
Total kwh	480	18320
Avg. kwh per Day	16	654
Cost per Day	\$0.73	

Talk with an expert

Pacific Power has a hotline specifically for irrigators. If you have any questions about your pumping account or your billing, please call 1-800-715-9238.

Late Payment Charge for Oregon
A late payment charge of 1.7% may be charged on any balance not paid in full each month.



PACIFIC POWER

SHELDON J LIEUALLEN PO BOX 35 ADAMS OR 97810-0035

Questions about your bill: 1-888-221-7070 24 hours a day, 7 days a week www.pacificpower.net

BILLING DATE:

Sep 12, 2005

PAGE 1 OF 2

ACCOUNT NUMBER:

DATE DUE:

Sep 28, 2005

AMOUNT DUE:

\$1,041.20

Your	Ba	lance	With	Us

Payments Received

Previous Account Balance	21.92		
Payments/Credits	-21.92		
New Charges	+1,041.20		

\$1,041.20

DATE DESCRIPTION AMOUNT Aug 25, 2005 Payment Received - Thank you 21.92

Total Payments \$ 21.92

Detailed Account Activity

Current Account Balance

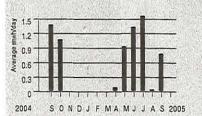
ITEM 1 - ELECTRIC SERVICE

3/4MI E AGRICHEM Adams OR Horse Power Rating: 0260.0 Oregon Agricultural Pumping S Schedule 41L Service ID: 884339665-001

METER NUMBER	SERVICE PERIOD From	То	ELAPSED DAYS	METER READINGS Previous	Current	METER MULTIPLIER	AMOUNT USED THIS MONTH
1312617	Aug 10, 2005	Sep 9, 2005	30	18266	18855	40.0	23,560 kwh
1312617	Demand	Sep 9, 2005			3.537	40.0	141 kw
1312617	Reactive	Sep 9, 2005			1.425	40.0	57 kvar

NEW CHARGES - 09/05	UNITS	COST PER UNIT	CHARGE
Delivery Charge	23,560 kwh	0.0198300	467.19
Reactive Power Charge (Your Est. Load Size Charge Is \$1,974.00)	1 kvar	0.6500000	0.65
Basic Service Energy	23,560 kwh	0.0326900	770.18
Public Purpose		0.0300000	37.14
Low Income Assistance	23,560 kwh	0.0003300	7.77
B P A Energy Discount	23,560 kwh	-0.0102600	-241.73
Total New Charges			1,041.20

Historical Data - ITEM 1



Your Average Daily kwh Usage by Month

PERIOD ENDING	SEP 2005	SEP 2004
Avg. Daily Temp.	69	71
Total kwh	23560	40840
Avg. kwh per Day	785	1408
Cost per Day	\$34.70	

Talk with an expert

Pacific Power has a hotline specifically for irrigators. If you have any questions about your pumping account or your billing, please call 1-800-715-9238.

Late Payment Charge for Oregon A late payment charge of 1.7% may be charged on any balance not paid in tull each month.

PACIFIC POWER

SHELDON J LIEUALLEN PO BOX 35 ADAMS OR 97810-0035

Questions about your bill: 1-888-221-7070 24 hours a day, 7 days a week www.pacificpower.net

BILLING DATE:

Oct 10, 2005

ACCOUNT NUMBER:

DATE DUE:

Oct 26, 2005

AMOUNT DUE:

\$4,032.92

Vour	Ral	ance	With	110
IUUI	Da	allec	AAITH	U3

Previous Account Balance	1,041.20
Payments/Credits	-1,041.20
New Charges	+4,032.92
Current Account Balance	\$ 4,032.92

Payments Received

DATE	DESCRIPTION		AMOUNT
Sep 27, 2005	Payment Received - Thank you	***************************************	1,041.20

Total Payments

\$1,041.20

Detailed Account Activity

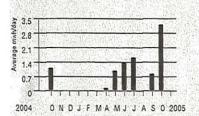
ITEM 1 - ELECTRIC SERVICE

3/4MI E AGRICHEM Adams OR Horse Power Rating: 0260.0 Oregon Agricultural Pumping S Schedule 41L Service ID: 884339665-001

METER NUMBER	SERVICE PERIOD From	То	ELAPSED DAYS	METER READINGS Previous	Current	METER MULTIPLIER	AMOUNT USED THIS MONTH
1312617	Sep 9, 2005	Oct 7, 2005	28	18855	21128	40.0	90,920 kwh
1312617	Demand	Oct 7, 2005			4.869	40.0	195 kw
1312617	Reactive	Oct 7, 2005			1.905	40.0	76 kvar

NEW CHARGES - 10/05	UNITS	COST PER UNIT	CHARGE
Delivery Charge for 4 day(s)	12,989 kwh	0.0184800	240.04
Delivery Charge for 24 day(s)	77,931 kwh	0.0198300	1,545.37
(Your Est. Load Size Charge Is for 4 day(s)	\$327.14)		
(Your Est. Load Size Charge Is for 24 day(s)	\$1,761.43)		
Basic Service Energy for 4 day(s)	12,989 kwh	0.0353400	459.03
Basic Service Energy for 24 day(s)	77,931 kwh	0.0326900	2,547.56
Public Purpose		0.0300000	143.76
Low Income Assistance	90,920 kwh	0.0003300	30.00
B P A Energy Discount	90,920 kwh	-0.0102600	-932.84
Total New Charges			4,032.92

Historical Data - ITEM 1



Your Average Daily kwh Usage by Month

PERIOD ENDING	OCT 2005	GCT 2004
Avg. Daily Temp.	58	61
Total kwh	90920	30520
Avg. kwh per Day	3247	1090
Cost per Day	\$144.03	

Talk with an expert

Pacific Power has a hotline specifically for irrigators. If you have any questions about your pumping account or your billing, please call 1-800-715-9238.

On October 4, 2005, an increase in general rates takes effect. These changes were approved by the Oregon Public Utility Commission and will result in an average increase of 3.2%.

Late Payment Charge for Oregon A late payment charge of 1.7% may be charged on any balance not paid in full each month. each month.

PACIFIC POWER

SHELDON J LIEUALLEN PO BOX 35 ADAMS OR 97810-0035 Questions about your bill: 1-888-221-7070 24 hours a day, 7 days a week www.pacificpower.net

BILLING DATE:

Nov 16, 2005

ACCOUNT NUMBER:

DATE DUE:

Dec 6, 2005

AMOUNT DUE:

\$2,155.11

Your Balance V	Vith	Us
----------------	------	----

Previous Account Balance	4,032.92
Payments/Credits	-4,032.92
New Charges	+2,155.11
Current Account Balance	\$ 2,155.11

Payments Received

DATE	DESCRIPTION	1	AMOUNT
Oct 26, 2005	Payment Received - Thank you		4,032.92

Total Payments

\$4,032.92

Detailed Account Activity



3/4MI E AGRICHEM Adams OR

Horse Power Rating: 0260.0 Oregon Agricultural Pumping S Schedule 41L

Service ID: 884339665-001

METER NUMBER	SERVICE PERIOD From	То	ELAPSED DAYS	METER READINGS Previous	Current	METER MULTIPLIER	AMOUNT USED THIS MONTH
1312617	Oct 7, 2005	Nov 8, 2005	32	21128	21128	40.0	0 kwh
1312617	Demand	Nov 8, 2005			0	40.0	0 kw
1312617	Reactive	Nov 8, 2005			0	40.0	0 kvar

Current Month Estimated - Seasonal Disconnect. Your bill may not reflect actual usage.

NEW CHARGES - 11/05	UNITS	COST PER UNIT	CHARGE
Annual Load Size Charge for 307 day(s)	195 kw		1,728.45
Annual Load Size Charge for 58 day(s)	195 kw		363.89
Public Purpose		0.0300000	62.77
Total New Charges			2,155.11

Historical Data - ITEM 1



Your Average Daily kwh Usage by Month

PERIOD ENDING	NOV 2005	NOV 2004
Avg. Daily Temp.	51	50
Total kwh	0	0
Avg. kwh per Day	0	0
Cost per Day	\$67.34	

Talk with an expert

Pacific Power has a hotline specifically for irrigators. If you have any questions about your pumping account or your billing, please call 1-800-715-9238.

Effective November 9, 2005, the Centralia Adjustment Credit has been eliminated. The overall average price increase is about 3.2%, but will vary with usage and customer type.

Late Payment Charge for Oregon A late payment charge of 1.7% may be charged on any balance not paid in full each month.

2006 DID NOT START WATER UNTIL 4/29/06



PACIFIC POWER

SHELDON J LIEUALLEN PO BOX 35 ADAMS OR 97810-0035 Questions about your bill: 1-888-221-7070 24 hours a day, 7 days a week www.pacificpower.net

PAGE 1 OF 2

BILLING DATE:

Apr 11, 2006

ACCOUNT NUMBER:

DATE DUE:

Apr 27, 2006

AMOUNT DUE:

\$2,125.20

Your Balance With Us

Previous Account Balance 0.00 Payments/Credits 0.00 +2,125.20 **New Charges Current Account Balance** \$ 2,125.20

Payments Received

START WATER TINIE

No payments have been received since your last billing statement.

OCTOBER 2005 IRR POWER.

Detailed Account Activity

ITEM 1 - ELECTRIC SERVICE

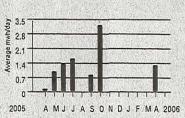
3/4MI E AGRICHEM Adams OR Horse Power Rating: 0260.0 Oregon Agricultural Pumping S Schedule 41L Service ID: 884339665-001

METER NUMBER	SERVICE PERIOD To	ELAPSED DAYS	METER READINGS Previous Current	METER MULTIPLIER	AMOUNT USED THIS MONTH
1312617	Mar 10, 2006 Apr 10, 2006	31	21128 22125	40.0	39,880 kwh
1312617	Demand Apr 10, 2006		4.445	40.0	178 kw
1312617	Reactive Apr 10, 2006		1.727	40.0	69 kvar

Previous Month Estimated - Seasonal Disconnect

NEW CHARGES - 04/06	UNITS	COST PER UNIT	CHARGE
Delivery Charge	39,880 kwh	0.0203700	812.36
(Season End Estimated Charge Is \$2,120.00)			
Basic Service Energy for 21 day(s)	12,058 kwh	0.0535800	646.07
Basic Service Energy for 21 day(s)	14,957 kwh	0.0355600	531.87
Basic Service Energy for 10 day(s)	12,865 kwh	0.0355600	457.48
Public Purpose	1000 6 00 100 100 100 10	0.0300000	73.43
Low Income Assistance	39,880 kwh	0.0003300	13.16
B P A Energy Discount	39.880 kwh	-0.0102600	-409.17
Total New Charges			2,125.20

Historical Data - ITEM 1



Your Average Daily kwh Usage by Month

PERIOD ENDING	APR 2006	APR 2005
Avg. Daily Temp.	46	47
Total kwh	39880	1960
Avg. kwh per Day	1286	68
Cost per Day	\$68.55	

Fuel sources, environmental impact and price comparison information is available on our Web site at pacificpower.net.

As a reminder, your estimated monthly minimum charges have been deferred to November as a convenience to you. Estimates for this charge have been provided as a line item under "Season End Estimated Charge " on your statement.

2006 LOAD CHG SHOULD BE SUMMAR TO TITIS

Late Payment Charge for Oregon A late payment charge of 1.7% may be charged on any balance not paid in full each month



Oregon Water Resources Department <u>Land Use Information Form</u>

THIS FORM IS NOT REQUIRED IF: 1) water is to be diverted, conveyed, and/or used only on federal lands; or 2) the application is for a water-right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and all of the following apply: a) only the place of use is proposed for change, b) there are no structural changes, c) the use of water is for irrigation, and d) the use is located in an irrigation district or exclusive farm-use zone.

LIEUALLEN RANCY INC

ported), or	ne follow	ing infor	mation				
ported), or			mation				
ported), or	used. A					diverted (taken from its source)	
		pplicants	for mu	ınicipal use,	or irrigation uses within	n irrigation districts may substit	ute existing
seu servic	e-area bo	undaries	for the	tax-lot infor	mation requested below	'.	
Township	Range	Section	44	Tax Lot #	Plan Designation (e.g. Rural Residential/RR-5)	Water to be:	Proposed Land Use:
3N	34	703				☐ Diverted ☐ Conveyed ☐ Used	
	'				2	□ Diverted □ Conveyed □ Used	
						□ Diverted □ Conveyed □ Used	
						□ Diverted □ Conveyed □ Used	
		posed U		Jater Resour	rces Department		
of applicat	ion to be	filed wit	h the W	No.	ces Department:	□ Exchange of Water	
of applicat ☐ Permi ☐ Alloca	ion to be to Use of	filed wit or Store V	h the W Vater I Water	w D Li	ces Department: ater-Right Transfer mited Water Use Licens stration Modification	☐ Exchange of Water	
of applicat ☐ Permi ☐ Alloca	to Use of to	filed wit or Store V Conserved ment or C	h the W Vater I Water Ground	w D Li	ater-Right Transfer mited Water Use Licens stration Modification		
of applicat ☐ Permi ☐ Alloca ☐ Permi	to Use of tion of Cartendarian Research	filed wit or Store V Conserved ment or C ervoir/Por	h the W Vater I Water Ground	D W □ Li Water Regis	ater-Right Transfer mited Water Use Licens stration Modification ater	e	
of applicat Permi Alloca Permi of water:	ion to be to Use of tion of C Amenda Rese ty of war	filed with or Store Vectorserved ment or Conservoir/Porter needed	whethe Water I Water Ground Ind Ind Ind Ind Ind Ind Ind Ind Ind I	D W □ Li Water Regis	ater-Right Transfer mited Water Use Licens stration Modification ater	vater (name)	acre-feet
of applicated perminated quantities of water:	to Use of tion of Canada Amenda Resorty of war	filed with the filed	Vater I Water Ground d: n coal	Water Regist Ground W	ater-Right Transfer mited Water Use Licens stration Modification ater	vater (name) ond	acre-feet
of applicated perminated quantities of water:	to Use of tion of Canada Amenda Resorty of war	filed with the filed	Vater I Water Ground d: n coal	Water Regist Ground W	ater-Right Transfer mited Water Use Licens stration Modification ater	vater (name) ond	acre-feet

Receipt for Request for Land Use Information

State of Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, OR 97301-1266



For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form.

This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check	the appropriate	box below and	provide the re	quested information
--------------	-----------------	---------------	----------------	---------------------

Ø	Land uses to be served by proposed water uses (including proposed	construction) are allowed outright or are no
	regulated by your comprehensive plan. Cite applicable ordinance see	ction(s): 152.058.

☐ Land uses to be served by proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.)

If approvals have been obtained but all appeal periods have not ended, check "Being pursued".

Type of Land-Use Approval Needed (e.g. plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		☐ Obtained ☐ Denied	☐ Being pursued ☐ Not being pursued
		☐ Obtained ☐ Denied	☐ Being pursued ☐ Not being pursued
		☐ Obtained ☐ Denied	☐ Being pursued ☐ Not being pursued
		☐ Obtained ☐ Denied	☐ Being pursued ☐ Not being pursued
		☐ Obtained ☐ Denied	☐ Being pursued ☐ Not being pursued

	press special land-use concerns or make recomme use of water below, or on a separate sheet.	endations to the Water Reso	ources
Name: Richard Jens Signature: Composition of the Contract of t	nings Title: Senior Phone: 341-	Planner Ver Gireg Por	16,200
If you sign the receipt, you will have	ntative: Please complete this form or sign the rec 30 days from the Water Resources Department's D may presume the land use associated with the p	notice date to return the co	mpleted
Re	eceipt for Request for Land Use Inforn	nation	
Applicant name:			
City or County:	Staff contact:		

PALER CREACH

Indicate in this column whether or not the item is satisfied.

Permanent Transfer Application - OAR 690-380 3000 & 3100

Applicant's Name: Lieualkn Ranch Inc

(Form last revised: March 13, 2007)

is satisfied.	Applicant's Name (Form to	ist revised: March 13, 2007)
	Section A – Status of Right	
	Is this a Water Right that can be transferred? [OAR 690-	380-0100(14)]
oh	NOTE: The Department can accept a Transfer application for any right that is: 1) an adjudication with a court decree; or 2) a certificate that is not cancelled; or 3) a transfer that's been approved & A COBU has been received by the D	epartment
	If the subject right does not fall into any of the above categories, RETURN the application &	fee to the applicant.
	Section B – Type of Change	
	Is the proposed change(s) allowed under the Transfer process?	[ORS 540.510]
OK	NOTE: Only POD, POA or POU or USE changes are allowed on Transfers.	
	If the application proposes a change other than those listed above, RETURN the application	& fee to the applicant.
	Section C - Fees	
	Have the appropriate fees been paid? Total Requir	ed Fees: 350
	Fee Schedule - ORS 536.050(1)(h) \$350 - Base fee (1 st change and 1 st CFS of water)	aid: 350
24	+ \$350 - Each additional type of change requested Fees Due (if	any):
	+ \$175 - For each CFS, or fraction thereof, requested beyond 1st CFS (for POU, Type of Use, or Exchange) Refund Due	(if any):
	If the applicant has NOT submitted the total fees required, RETURN the application & defici	ent fee to the applicant.
	Section D – Completeness	
Indicate in	Is the Transfer application complete?	žė.
this column whether an	All required elements necessary for a complete transfer application are listed bel	ow.
item is incomplete, and if so, identify the	Indicate whether or not the applicant has answered and/or supplied attachmaddress each of the following items. If any one of the items is deficient, then the incomplete. NOTE: For reference, the application page number upon which each item is a	ne application is
deficiency.	If the application is NOT complete, RETURN the application & fee to the applicant.	equestea is taemijiea.
OK	Type of transfer application	(Page 1)
OK	Applicant's name, mailing address and contact information.	(Page 1)
N/A	• Agent's name, mailing address and contact information, if applicable.	(Page 1)
	• Are the water rights to be affected by this transfer listed?	(Page 2)
OK	If there are multiple water rights listed The applicant must supply a <u>separate "set"</u> of Supp water right to be transferred.	lemental Form A for <u>each</u>

	Checklist for Supplemental Form A – (Attachments)	
		70 10
OH	Certificate # filled in on each page?	(Page 1)
OH	• Type of change(s) proposed clear?	(Page 1)
No	• Current Water Right information is complete?	(Page 2)
	• If for a change in POU or USE	(Page 2)
	Are there any "layered" irrigation rights, permits, or GR registrations appurtenant to the same place of the water right proposed to be transferred? YES NO	use as
NA	If YES the other "layered" water uses subject to transfer must either change concurrently or be cancelled, except as provided in OAR 690-380-2240(5).	
	If layered with GR, must submit a GR Modification application as well as this application.	
	Are they included in application? If not, contact applicant or agent.	
	• Location description of the authorized POA/POD to be changed.	(Page 3)
	NOTE: Ensure that the location coordinates listed in the application match the point and location coordinates illustrated on the application map.	
SK	Additionally, if the existing authorized source is ground water (POA), the applicant must either:1) supply a copy of the well log(s), <u>or</u>	
	2) if well logs are not available, describe the construction of the well(s) in the table provided on page 3 of the supplemental form A application.	
40	• Location description of the existing authorized POU and associated acres (if applicable).	(Page 4)
Ala	NOTE: Ensure that the location and number of acres listed per 1/4 1/4 in the application match those illustrated on the application map.	
	• Location description of the proposed POA/POD.	(Page 5)
	NOTE: Ensure that the proposed location coordinates listed in the application match the proposed point and location coordinates illustrated on the application map.	
OK	Additionally, if the proposed source is ground water (POA), the applicant must either:1) supply a copy of the well log(s), <u>or</u>	
	2) if well logs are not available <u>or</u> the well is not yet constructed, describe the construction of the well(s) in the table provided on page 5 of the application.	
	• Location description of the proposed POU and associated acres (if applicable).	(Page 6)
4/4	NOTE: Ensure that the location and number of acres listed per $\frac{1}{4}$ in the application match those illustrated on the application map.	
	Return back to Page 2 of transfer application	
OK	• The type of changes being proposed.	(Page 2)
OK	• Reason for the transfer.	(Page 2)
OK	• Description of current water delivery system.	(Page 2)
OK	• System Capacity.	(Page 2)

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	Checklist for Supplemental Form B – (Attachments)	
or	• Is there a box checked in #1?	(Page 1)
oh	• Is there a box checked in #2?	(Page 1)
No	• Does the description of POU on page 4 of the supplemental form A application, match authorized POU in question #3?	(Page 1)
oh	• In question #4 and #5 are they filled out. 2)	(Page
OH	• Is there a box checked in #6?	(Page 2)
oh	• Is the #6 supporting documentation included with application?	(Page
oh	• Is there an original signature of the notary and notary stamp?	(Page
	Return back to Page 3 of transfer application	
DK	Affected districts and local governments. If within a district/local government jurisdiction, ensure that name & mailing address is provided.	(Page 3)
OK	• Is the applicant the Landowner of the "from" and "to" Lands? YES NO If NO The applicant must list current landowner name & address.	(Page 4)
OK	Who will be responsible for completion of the changes? Is a box checked? If no box is checked the applicant or agent must be contacted.	(Page 4)
ok	 Map (Required to be prepared by a CWRE) unless 1. Map Waiver included with application 2. FP map with advance email or written approval 3. POD/POA without POU change and for entire right with FP map for "from" map if more than 3 rights are included in transfer, is there a separate map for each water right? If larger than 8 ½ X 14 than 3 copies of map is needed & an electronic pdf file of map north arrowsize & scaleother:authorized acreage per ¼ ¼ matches the water rightauthorized POD/POA and POU (clearly shown, labeled & matches application listing)point plotted for the authorized POD/POA agrees with location coordinates on supplemental forrproposed POD/POA and/or POU (clearly shown, labeled & matches application "proposed" listlocation coordinates accurately describe the point identified as the proposed POD/POA 	
OK	• Land Use form, if applicable. Is the form signed by the local planning department staff?	(Page 5)
	May be needed if the POD/POA or POU is moving a great distance <u>and</u> off of land originally i	nvolved in WR.
OK	• If a groundwater right is involved, are the well logs or a description included.	(Page 5)

.

oh

• Signature(s) of applicant(s):

Are one of the boxes checked?

 $\underline{\mathit{All}}$ applicants listed on page 1 of the application $\underline{\mathbf{must}}$ sign the application.

WRD Completeness Reviewer's Name:

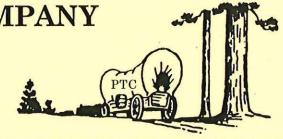
of Henderson

Date: 4-23-07

(Page 6)

PIONEER TITLE COMPANY

P.O Box 128 126 S.E. Court Ave. Pendleton, OR 97801 Ph: (541) 276-4431 Fx: (541) 276-2007



PIONEER ESCROW, INC. P.O Box 187 · 630 S. Hwy 395 Hermiston, OR 97838 Ph: (541) 567-9743 Fx: (541) 567-7307 PIONEER ESCROW, INC. 178 S. Main St. Milton-Freewater, OR 97862 Ph: (541) 938-3327 Fx: (541) 938-5089 PIONEER ESCROW, INC.
P.O. Box 1538 • 132 S.E. Court Ave.
Pendleton, OR 97801
Ph: (541) 276-5114
Fx: (541) 276-0484

To: Jim Lieuallen
PO Box 35
Adams, OR 97810

Order No: 82407 Your No : n/a

Owner : LIEUALLEN RANCH Report : Lot Book Report

TYPE OF POLICY:	AMOUNTS	CODE	PREMIUMS	
Lot Book Report Guarantee	\$0.00		\$250.00	

We hereby certify that we have searched our Tract Indices as to the following described property:

SEE ATTACHED DESCRIPTION

And as of November 6, 2007, at 5 o'clock P.M., we find that the last document of record runs to:

LIEUALLEN RANCH, INC. also known as LIEUALLEN RANCHES, INC. an Oregon corporation, as to a fee simple interest

We also find the following monetary incumbrances appearing of record within ten years prior to the date of this search:

- 2007-2008 Taxes, \$796.44 plus interest, unpaid. (Tract I)
 Code No. 16-41, Map No. 3N-34, Tax Lot 5100, Serial No. 100389
- 2007-2008 Taxes, \$1,431.94 plus interest, unpaid. (Tract II)
 Code No. 16-3, Map No. 3N-34, Tax Lot 5200, Serial No. 100390
- 2007-2008 Taxes, \$1,388.56 plus interest, unpaid. (Tract III)
 Code No. 16-3, Map No. 3N-34, Tax Lot 5300, Serial No. 100391
- 2007-2008 Taxes, \$3,109.41 plus interest, unpaid. (Tract IV)
 Code No. 16-41, Map No. 3N-34-03, Tax Lot 300, Serial No. 100196
- 5. As disclosed by the tax rolls the premises herein described have been zoned or classified for special use. At any time that said land is disqualified for such use said property will be subject to additional taxes and interest.
- 6. City Liens, County Liens, Special Assessments if any.

Jim Lieuallen Report No. 82407

7. Certificate of Water Right, including the terms and provisions thereof,

First Party : State of Oregon

Second Party: Lieuallen Ranch Inc.

Recorded : February 20, 1987, Microfilm Reel 149, Page 1317, Office of

Umatilla County Records. (Tracts II, III & IV)

This is NOT A TITLE REPORT, since no examination has been made of the title to the above described property. Our search for apparent incumbrances was limited to our Tract Indices, and therefore above listings do not include additional matters which might have been disclosed by an examination of the record title. We assume no liability in connection with this report and will not be responsible for errors or omissions therein.

Very truly yours,

PIONEER TITLE COMPANY

Jeremy S. Parker Title Examiner

Tract I (Map No. 3N-34, Tax Lot 5100)

TOWNSHIP 3 NORTH, RANGE 34, E.W.M.

Section 10: East Half of the Northwest Quarter.

Excepting therefrom any portion lying within the County Road right-of-way.

All being East of the Willamette Meridian, Umatilla County, Oregon.

Tract II (Map No. 3N-34, Tax Lot 5200)

TOWNSHIP 3 NORTH, RANGE 34, E.W.M.

Section 10: Northeast Quarter.

Excepting therefrom any portion lying within the County Road right-of-way.

All being East of the Willamette Meridian, Umatilla County, Oregon.

Tract III (Map No. 3N-34, Tax Lot 5300)

TOWNSHIP 3 NORTH, RANGE 34, E.W.M.

Section 10: Southeast Quarter.

Excepting therefrom any portion lying within the County Road right-of-way.

All being East of the Willamette Meridian, Umatilla County, Oregon.

Tract IV (Map No. 3N-34-03, Tax Lot 300)

Parcel 2, PARTITION PLAT NO. 2004-34 located in the South Half of Section 3, Township 3 North, Range 34, East of the Willamette Meridian, Umatilla County, Oregon;

Excepting therefrom any portion lying within the County Roads and State Highway rights-of-ways.

PRIVACY POLICY

An Agent of FIRST AMERICAN TITLE INSURANCE COMPANY OF OREGON WE ARE COMMITTED TO SAFEGUARDING CUSTOMER INFORMATION

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information, particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, we have adopted this Privacy Policy to govern the use and handling of your personal information.

APPLICABILITY. This Privacy Policy governs our use of the information which you provide to us. It does not govern the manner in which we may use the information we have obtained from any other source, such as information obtained from a public record or from another person or entity.

TYPES OF INFORMATION. Depending upon which our services your are utilizing, the types of nonpublic personal information that we may collect include:

- A. Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- B. Information about your transactions with us, our affiliated companies, or others; and
- C. Information we receive from a consumer reporting agency.

USE OF INFORMATION. We request information from you for our own legitimate business purposes and not for the benefit of any non affiliated party. Therefore, we will not release your information to nonaffiliated parties (1) as necessary for use to provide the product or service you have requested to use; or (2) as permitted by law. We may however, store such information indefinitely, including the period after which any customer Such information may be used for any internal relationship has ceased. purposes, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more or our affiliated companies. Such affiliated companies include financial service providers, such as title insures, property and casualty insures, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies and Furthermore, we may also provide all the information we escrow companies. collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies, or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

FORMER CUSTOMERS. Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

CONFIDENTIALITY AND SECURITY. We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entitles who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employes and agents to ensure that your information will be handled responsibly and accordance with this Privacy Policy. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.