

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON within 30 days from the date of well completion.

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APR 11 1967 WATER WELL REPORT

STATE ENGINEER OF OREGON SALEM, OREGON (Please type or print)

Well # 4
UMAT 1581
290

State Well No. 4N/27-36#

G-3945

State Permit No. G-3702

(1) OWNER:

Name Dwight Lulit
Address R F Box 133
Hermiton Ore 97838

(2) LOCATION OF WELL:

County Umatilla Driller's well number _____
1/4 Section 36 T. 4N R. 27E W.M.
Bearing and distance from section or subdivision corner _____

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
" " " " "
" " " " "
" " " " "
Baller test 100 gal./min. with 5 ft. drawdown after 2 hrs.
Artesian flow g.p.m. Date _____

Temperature of water _____ Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well below casing 10

Depth drilled 185 ft. Depth of completed well 185 ft.

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.

MATERIAL	FROM	TO
Sand brown	0	23
Gravel small	23	28
Clay yellow	28	85
sand	85	86
sack grey soft	86	106
sack grey	106	120
sack red	120	125
clay green	125	130
clay yellow	130	165
sack grey	165	185

TYPE OF WORK (check):

Well Deepening Reconditioning Abandon
Abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):

Domestic Industrial Municipal Irrigation Test Well Other

(5) TYPE OF WELL:

Rotary Driven Cable Jetted Dug Bored

(6) CASING INSTALLED:

Threaded Welded
10" Diam. from 0 ft. to 86.9 ft. Gage 250
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(7) PERFORATIONS:

Perforated? Yes No

Type of perforator used _____
Size of perforations in. by in.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.

SCREENS:

Well screen installed? Yes No

Manufacturer's Name _____ Model No. _____
Slot size _____ ft. to _____ ft.
Diam. Slot size _____ ft. to _____ ft.

(9) CONSTRUCTION:

Well seal—Material used in seal cement
Depth of seal 20 ft. Was a packer used? no
Diameter of well bore to bottom of seal 14 in.
Were any loose strata cemented off? Yes No Depth _____
Was a drive shoe used? Yes No
Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.
Did any strata contain unusable water? Yes No
Type of water? _____ depth of strata _____
Method of sealing strata off _____

(10) WATER LEVELS:

Static level 35 ft. below land surface Date 3-24-67
Artesian pressure _____ lbs. per square inch Date _____

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APR 11 2014

SALEM, OR

Work started 3-16 1967 Completed 3-24 1967

Date well drilling machine moved off of well 3-25 1967

(13) PUMP:

Manufacturer's Name _____ Type: _____ H.P. _____

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Allison Drilling Co.
(Person, firm or corporation) (Type or print)

Address Rt 2 Box 309-C Hermiton Ore

Drilling Machine Operator's License No. 300

[Signed] Rub. Allison
(Water Well Contractor)

Contractor's License No. 419 Date 3-31 1967

STATE OF OREGON
WATER WELL REPORT
 (as required by ORS 537.765)

UMAT
1579

Well
 # 5

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SEP - 1 1988

40/27E/36 aa

PLEASE TYPE or PRINT IN INK WATER RESOURCES DEPT. (for official use only)

(1) OWNER:
 Name DENNIS INGRAM
 Address 505 NE 7TH
 City GRANTS PASS OR State 97526

(2) TYPE OF WORK (check):
 New Well Deepening Reconditioning Abandon
 If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: Rotary Air Driven
 Mud Dug
 Cable Bored

(4) PROPOSED USE (check): Domestic Industrial Municipal
 Thermal: Irrigation Withdrawal ReInjection
 Other: Piezometric Grounding Test

(5) CASING INSTALLED: Steel Plastic
 Threaded Welded
 10" Diam. from 72 ft. to 102 ft. Gauge 3.27
 " Diam. from _____ ft. to _____ ft. Gauge _____

LINER INSTALLED: Steel Plastic
 Threaded Welded
 " Diam. from _____ ft. to _____ ft. Gauge _____

(6) PERFORATIONS: Perforated? Yes No
 Size of perforations 1/2 in. by 14" in.
56 perforations from 102 ft. to 92 ft.
56 perforations from 92 ft. to 72 ft.
 _____ perforations from _____ ft. to _____ ft.

(7) SCREENS: Well screen installed? Yes No
 Manufacturer's Name _____
 Type _____ Model No. _____
 Diam. _____ Slot Size _____ Set from _____ ft. to _____ ft.
 Diam. _____ Slot Size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS: Drawdown is amount water level is lowered below static level
 a pump test made? Yes No If yes, by whom?
 Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Air test 100-300 gal./min. with drill stem at 104 ft. 1 hrs.
 Bailor test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Artesian flow _____ g.p.m.
 Temperature of water 62 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION: Special standards: Yes No
 Well seal—Material used PART 42ND CEMENT
 Well sealed from land surface to _____ ft.
 Diameter of well bore to bottom of seal 16 in.
 Diameter of well bore below seal 10 in.
 Amount of sealing material 39 sacks pounds
 How was cement grout placed? TRENCH
 Was pump installed? NO Type _____ HP _____ Depth _____ ft.
 Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
 Did any strata contain unusable water? Yes No
 _____ of Water? _____ depth of strata
 Method of sealing strata off _____
 Was well gravel packed? Yes No Size of gravel: _____
 Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL by legal description:
 County UMATILLA NE 1/4 NE 1/4 of Section 36 of
 Township 4N Range 27 E WM.
 (Township is North or South) (Range is East or West)
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 MAILING ADDRESS OF WELL (or nearest address) _____

(11) WATER LEVEL of COMPLETED WELL:
 Depth at which water was first found 49 ft.
 Static level 49 ft. below land surface. Date 7-24-88
 Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing 10
 Depth drilled 112 ft. Depth of completed well 112 ft.
 Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
SAND	0	5	
GRAVEL	5	30	
CLAY BROWN	30	49	
SOFT SAND STRATA	49	94	
GRAVEL	94	104	
RESALT BLACK	104	112	

Date work started 7-22-88 /completed 7-25-88
 Date well drilling machine moved off of well _____ 19____

(unbonded) Water Well Constructor Certification (if applicable):
 This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
 [Signed] Jay Buel Date 7-25-88

(bonded) Water Well Constructor Certification:
 Bond _____ Issued by: _____ (Surety Company Name)
 On behalf of _____ (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief:
 (Signed) Jay Buel (Water Well Constructor)
 (Dated) 7-25-88

NOTICE TO WATER WELL CONSTRUCTOR
 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.

SP 46366-630

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

well TS1
WELL I.D.# 102554
UMA 50179

(START CARD) # 84839

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number _____
Name Jerry Christian
Address P.O. Box 826
City Hermiston State OR Zip 97838

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 175 ft.
Explosives used Yes No Type _____ Amount _____

HOLE				SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds	
10"	0	99	Cement	0	99	22 sacks	
6"	99	175					

How was seal placed: Method A B C D E
 Other _____
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 6"	+1	99	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 99

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Time
50		17.5	1 hr.

Temperature of water 61° Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Umatilla Latitude _____ Longitude _____
Township 4N N or S Range 27E E or W. WM.
Section 36 NE 1/4 NE 1/4
Tax Lot 2601 Lot _____ Block _____ Subdivision _____

Street Address of Well (or nearest address) Junction I-84
Wheatland Rd., Hermiston, OR 97838

(10) STATIC WATER LEVEL:
58 ft. below land surface. Date 6-17-96
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 131

From	To	Estimated Flow Rate	SWL
131	144	10	58
144	167	20	58
170	175	20	58

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Sandy soil	0	1	
Gravel	1	18	
Brown clay	18	79	
Green clay	79	92	
Gray basalt	92	131	
Red & brown basalt	131	144	WB
Black basalt	144	167	WB
Gray basalt	167	170	
Black basalt	170	175	WB

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SALEM, OR

Date started 6-17-96 Completed 6-17-96
(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number _____
Signed _____ Date _____

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

Signed Patrick Wallace WWC Number 1218
Date 6-24-96

well
TS 1

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

WELL I.D. # L 38616
START CARD # 129839

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number _____
Name Western Investments, Inc.
Address P.O. Box 826
City Hermiston State OR Zip 97838

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well _____ ft.
Explosives used Yes No Type _____ Amount _____

HOLE				SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds	
			<u>N/A</u>				

How was seal placed: Method A B C D E
 Other _____
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:	<u>5 1/2"</u>	<u>69</u>	<u>175</u>	<u>24</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(7) PERFORATIONS/SCREENS:

Perforations Method Torchcut
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
<u>133</u>	<u>175</u>	<u>1/4 x 1/4</u>	<u>3 rods</u>		<u>5 1/2"</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min 50 Drawdown _____ Drill stem at _____ Time 1 hr.

Temperature of water 63° Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Umatilla Latitude _____ Longitude _____
Township 4N N or S Range 27E E or W. WM.
Section 36 NE 1/4 NE 1/4
Tax Lot 2601 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 28810 Stafford/Hansell Rd.
Hermiston OR 97838

(10) STATIC WATER LEVEL:
51 ft. below land surface. Date 7-14-00
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
<u>Existing well</u>	<u>0</u>	<u>175</u>	
<u>Recondition procedure:</u>			
<u>Pulled existing pvc liner, from 91 ft. to 175 ft.</u>			
<u>Installed steel liner from 69 ft. to 175 ft.</u>			
<u>Perforated steel liner from 133 ft. to 175 ft.</u>			
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APR 11 2014		WATER RESOURCES DEPT. SALEM, OREGON	
SALEM, OR			

Date started 7-14-00 Completed 7-14-00

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
WWC Number _____
Signed _____ Date _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
WWC Number 1218
Signed Patrick Walker Date 7-28-00

Well TS 2

UMAT 53899

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

WELL I.D. # L 38616
START CARD # 116971

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number _____
Name Western Investments, Inc.
Address P.O. Box 826
City Hermiston State OR Zip 97838

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 175 ft.
Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Sacks or pounds	
Diameter	From To	Material	From To		
10"	0 20	Bentonite	0 20	16	sacks
8"	20 96	Cement	86 96	3	sacks
6"	96 175				

How was seal placed: Method A B C D E
 Other Poured 3/4" bentonite
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 6"	1	96	24	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 5"	91	175		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 96

(7) PERFORATIONS/SCREENS:

Perforations Method Skillsaw
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
155	175	1/8"	4 rods	5"		<input type="checkbox"/>	<input checked="" type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Time
50		175	1 hr.

Temperature of water 63° Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Umatilla Latitude _____ Longitude _____
Township 4N N or S Range 27E E or W. WM.
Section 36 NE 1/4 NE 1/4
Tax Lot 2601 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 28810 Stafford House 11 Rd.
Hermiston OR 97838

(10) STATIC WATER LEVEL:
51 ft. below land surface. Date 3-20-00
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 160

From	To	Estimated Flow Rate	SWL
160	175	50	51

(12) WELL LOG: APR 11 2014
Ground Elevation _____

Material	From	To	SWL
Sandy soil	0	6	
Cemented gravel	6	32	
Gray clay	32	56	
Sand	56	78	
Sandy gray clay	78	126	
Gray basalt	126	160	
Soft brown basalt with brown clay	160	175	WB

Date started 3-16-00 Completed 3-20-00

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WVC Number _____
Signed _____ Date _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

WVC Number 1218
Signed Patrick Wellal Date 4-10-00