

Pumping Well Logs

ORIGINAL
File Original and
Duplicate with the
STATE ENGINEER,
SALEM, OREGON

KLAM 2259 RECEIVED
FEB 4 1958
STATE OF OREGON
STATE ENGINEER

WATER WELL REPORT
OBSERVATION WELL

State Well No. 37/10-8N(1)
State Permit No. U-486

Well #2

(1) OWNER: EDGEWOOD STATE ENGINEER
Name Albert R. DeYoung
Address Klamath County Oregon

(2) LOCATION OF WELL:
County Klamath Owner's number, if any - N-2
SW 1/4 SW 1/4 Section 8 T. 37S R. 10E W.M.
Bearing and distance from section or subdivision corner
N. 21° 51' E. 77.8 feet (from S.W. corner of Sect. 8, T. 37S, R. 10E, W.M.)

(3) TYPE OF WORK (check):
Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 11.

(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
12" Diam. from 0 ft. to 170 ft. Gage
" 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.

(8) SCREENS:
Well screen installed Yes No
Manufacturer's Name
Model No.
Slot size Set from ft. to ft.
Slot size Set from ft. to ft.

(9) CONSTRUCTION:
Well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.
Was a surface seal provided? Yes No To what depth? ft.
Material used in seal:
Did any strata contain unusable water? Yes No
Type of water? Depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level 81 ft. below land surface Date
Artesian pressure lbs. per square inch Date

Log Accepted by:
(Signed) _____ Date _____ 19____
(Owner)

(11) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? West-Helcoch Corp., R.F. - Oreg.
Yield: 9000 gal./min. with 2 ft. drawdown after 3 hrs.
" " " " " "

Ball test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water 57° Was a chemical analysis made? Yes No

(12) WELL LOG:
Diameter of well 19 inches.
Depth drilled 281 ft. Depth of completed well 281 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
TOP SOIL	0	2
Chalk	2	6
Boulders	6	12
Chalk	12	90
Black sand - w/ water	90	154
Brown sand, sterile	154	190
Lava Rock	190	271
Cylinders - water bearing	271	275
Boulders and red sand	275	281

Work started 1851. Completed 1852

(13) PUMP:
Manufacturer's Name
Type: H.P.

Well Driller's Statement:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME W.L. Hartley & Son
(Person, firm, or corporation) (Type or print)
Address Balaiza, Oregon
Driller's well number
(Signed) _____ (Well Driller)
License No. _____ Date _____ 19____

STATE ENGINEER
Salem, Oregon

KLAM
2259 Well Record

STATE WELL NO. 37/10-8N (1)
COUNTY *Klamath*
APPLICATION NO. *0453*

OWNER: *A.R. Devincenze* MAILING ADDRESS: _____

LOCATION OF WELL: Owner's No. *#2* CITY AND STATE: _____

SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8 T. 37 N. 10 E S. R. W.M.

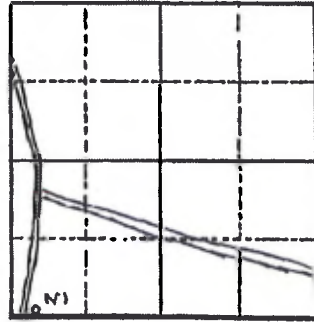
Bearing and distance from section or subdivision corner _____

Altitude at well *4,215*

TYPE OF WELL: *Drilled* Date Constructed _____

Depth drilled *291* Depth cased _____

CASING RECORD:
18 inches



Section *9*

FINISH:

AQUIFERS: *Lava Rock from 200 to 291*

WATER LEVEL: *76.14' below LSD 4/29/59*
48 ft. below land surface, Sept. 4, 1952

PUMPING EQUIPMENT: Type *Turbine* H.P. *100*
Capacity _____ G.P.M.

WELL TESTS:
Drawdown _____ ft. after _____ hours _____ G.P.M.
Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER *Irrigation* Temp. _____ °F. _____, 19____

SOURCE OF INFORMATION *USGS*

DRILLER or DIGGER _____

ADDITIONAL DATA:
Log Water Level Measurements Chemical Analysis _____ Aquifer Test _____

REMARKS:
Breccia and "cinders" 281-291 ft. form main aquifer
M.P. Access point on south side of well.

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.

KLAMATH WATER WELL REPORT
2262
STATE OF OREGON
(Please type or print)
(Do not write above this line)

WELL # 4
State Well No. 375/10E-8bc
State Permit No. 4-10952

(1) OWNER:

Name JESPERSON EDGEWOOD INC
Address RT 2 BOX 809 S
KLAMATH FALLS, ORE

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
1 Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

Threaded Welded
....." Diam. from ft. to ft. Gage
1 00" Diam. from 1 ft. to 81 ft. Gage 250
....." Diam. from ft. to ft. Gage

(6) 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.

(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
Was a pump test made? Yes No If yes, by whom?
..... gal./min. with ft. drawdown after hrs.
AIR LIFT 600 GPM + @ 190' 3 "
..... " " " " " "
Baller test gal./min. with ft. drawdown after hrs.
..... g.p.m.
Temperature of water 60 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used CEMENT
Well sealed from land surface to ft.
Diameter of well bore to bottom of seal 20 in.
Diameter of well bore below seal in.
Number of sacks of cement used in well seal 70 sacks
How was cement grout placed? Pumped
.....
Was a drive shoe used? Yes No Plugs Size: location ft.
Did any strata contain unusable water? Yes No
Type 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:

County KLAMATH Driller's well number
SW 1/4 NW 1/4 Section 8 T. 37S R. 10 E W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 160 ft.
Static level 117 ft. below land surface. Date 8/9
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 15
Depth drilled 192 ft. Depth of completed well 187 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
Brown Sandy Soil	0	2	
Brown Lark Rock	2	19	
Light Brown Chalk Rock	19	44	
Green Shale	44	61	
Black Sandy Shale	61	69	
Broken Brown Sandstone	69	74	
Dark Brown / Blank / Hard	74	159	
Brown Sand	159	162	
Brown Sandstone	162	170	
Brown Sand	170	177	
Gray Lava	177	181	
Brown Sand	181	184	
Gray Lava	184	192	

RECEIVE

OCT - 9 1979

WATER RESOURCES DEPT
SALEM, OREGON

Work started 7/10/79 19 Completed 8/9/79 19
Date well drilling machine moved off of well 8/15/79 18

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Bob A. ... Date 10/8, 1979
(Drilling Machine Operator)

Drilling Machine Operator's License No. 710

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 E. Estorey / Jespersen Well Drilling Inc
(Person, firm or corporation) (Type or print)

Address 3247 Hope Falls Ore

[Signed] E. Estorey
(Water Well Contractor)

Contractor's License No. 74 Date 7/10/79, 19...

(USE ADDITIONAL SHEETS IF NECESSARY)

ORIGINAL
File Original and
Duplicate with the
STATE ENGINEER,
SALEM, OREGON

KLAM 2263 RECEIVED WATER WELL REPORT Well # 1 37/10-9Q (1)

State Well No. 37/10-9Q (1)
State Permit No. U-486

Well # 1

FEB 4 1958

(1) OWNER: State Engineer
Name Albert R. DeWitt
Address Olene, Oregon
Klamath County, Oregon

(2) LOCATION OF WELL:
County Klamath Owner's number, if any- No 2
S.W. $\frac{1}{4}$ S.E. Section 9 T. 37S R. 10E W.M.
Bearing and distance from section or subdivision corner
N. 54° 55' E. 110.37' from S. quarter
corner of Sect 9, T. 37S,
R. 10E. W.M.

(3) TYPE OF WORK (check):
New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check): (5) TYPE OF WELL:
Domestic Industrial Municipal Rotary Driven
Irrigation Test Well Other Cable Jetted
Dug Bored

(6) CASING INSTALLED: Threaded Welded
" Diam. from 0 ft. to 17 ft. Gage _____
" 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.

(8) 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.

(9) CONSTRUCTION:
Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.
Was a surface seal provided? Yes No To what depth? _____ ft.
Material used in seal _____
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(10) WATER LEVELS:
Static level 45 ft. below land surface Date 10/15/51
Artesian pressure lbs. per square inch Date _____

Log Accepted by: _____
[Signed] _____ Date _____, 19____
(Owner)

(11) WELL TESTS: Drawdown is amount water level is lowered below static level West-Hitchcock
Was a pump test made? Yes No If yes, by whom? Corp - K.F. Oreg
Yield: 4750 gal./min. with 4 ft. drawdown after 2 hrs.
" " " " "

Ballor test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date _____
Temperature of water 60° Was a chemical analysis made? Yes No

(12) WELL LOG: Diameter of well 16 inches.
Depth drilled 142 ft. Depth of completed well 142 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
<u>Top Soil</u>	<u>0</u>	<u>2</u>
<u>Brown sand stone</u>	<u>2</u>	<u>17</u>
<u>Lava Rock</u>	<u>17</u>	<u>128</u>
<u>Water bearing cinders & broken rock</u>	<u>128</u>	<u>142</u>

Work started 19 Completed 1951
(13) PUMP: Manufacturer's Name _____
Type: _____ H.P. _____

Well Driller's Statement:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME W. L. Hartley & Son
(Person, firm, or corporation) (Type or print)

Address Barlcauzza Oregon

Driller's well number _____
[Signed] _____ (Well Driller)

License No. _____ Date _____, 19____

STATE ENGINEER
Salem, Oregon

Klamath
2263 Well Record

STATE WELL NO. *9 (11)* 37/10-~~162(2)~~
COUNTY *Klamath*
APPLICATION NO. *U452*

OWNER: *A.R. Danvincenzi* MAILING ADDRESS: _____

LOCATION OF WELL: Owner's No. ** 2* CITY AND STATE: _____

S *W* $\frac{1}{4}$ *S* *E* $\frac{1}{4}$ Sec. *16* T. *37* S., R. *10* E., W.M.

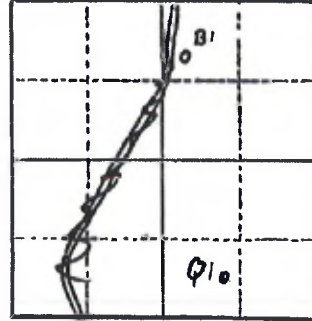
Bearing and distance from section or subdivision corner _____

Altitude at well *4,213*

TYPE OF WELL: *Drilled* Date Constructed _____

Depth drilled *112* Depth cased _____

CASING RECORD: *18 inches*



Section *to 9*

FINISH: _____

AQUIFERS: *Lava breccia from 111 to 123,5*

WATER LEVEL: *45.66 feet below land surface, Sept. 4, 1952*

PUMPING EQUIPMENT: Type *Hand pump* H.P. _____
Capacity _____ G.P.M.

WELL TESTS:
Drawdown _____ ft. after _____ hours _____ G.P.M.
Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER *Irrigation* Temp. _____ °F., 10 _____

SOURCE OF INFORMATION *USGS*

DRILLER or DIGGER _____

ADDITIONAL DATA:
Log _____ Water Level Measurements _____ Chemical Analysis _____ Aquifer Test _____

REMARKS: *Reportedly yields 4,200 gpm with less than 1 foot drawdown*

Listed as 16811 in USGS Report

STATE ENGINEER
Salem, Oregon

KLAMATH
2263 Well Record

STATE WELL NO. 37/10-16B(1)
COUNTY Klamath
APPLICATION NO. _____

OWNER: A. R. Devincenzi

MAILING
ADDRESS: _____

LOCATION OF WELL: Owner's No. _____

CITY AND
STATE: _____

_____ $\frac{1}{4}$ _____ $\frac{1}{4}$ Sec. _____ T. _____ N. _____ E.
S., R. _____ W., W.M.
Bearing and distance from section or subdivision
corner _____

Altitude at well 4,213

TYPE OF WELL: Drilled Date Constructed _____

Depth drilled 142 Depth cased _____

Section _____

CASING RECORD:

18 inch

FINISH:

AQUIFERS:

Lava breccia from 111 to 123.5

WATER LEVEL:

45.66 feet below land surface on September 4, 1952

PUMPING EQUIPMENT: Type _____

H.P. _____

Capacity _____ G.P.M.

WELL TESTS:

Drawdown _____ ft. after _____ hours _____ G.P.M.

Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Irrigation Temp. _____ °F. _____, 19_____

SOURCE OF INFORMATION USGS

DRILLER or DIGGER _____

ADDITIONAL DATA:

Log _____ Water Level Measurements _____ Chemical Analysis _____ Aquifer Test _____

REMARKS:

Reportedly yields 4,200 gpm with less than 1 foot drawdown.

STATE ENGINEER
Salem, Oregon

KLAM
2265 Well Record

Well #5

STATE WELL NO. 37/10-14N(1)
COUNTY Klamath
APPLICATION NO. _____

OWNER: A.R. Denvincenzi

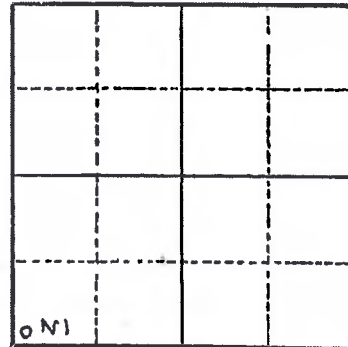
MAILING ADDRESS: _____

LOCATION OF WELL: Owner's No. _____

CITY AND STATE: _____

NW 1/4 NE 1/4 Sec. 14 T. 37 N. 10 E. 1/4, W.M.

Bearing and distance from section or subdivision corner _____



Section 14

Altitude at well 4,215 4,220

TYPE OF WELL: Drilled Date Constructed _____

Depth drilled 123.0 Depth cased _____

CASING RECORD: 10 inches

FINISH: _____

AQUIFERS: ~~Lava rock from 111 to 123.5~~
Broken "lava"

WATER LEVEL: 54.95 feet below land surface, Nov. 17, 1949

PUMPING EQUIPMENT: Type Plunger H.P. _____
Capacity _____ G.P.M.

WELL TESTS:
Drawdown _____ ft. after _____ hours _____ G.P.M.
Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Stock USGS _____ Temp. _____ °F. _____, 19____

SOURCE OF INFORMATION _____

DRILLER or DIGGER _____

ADDITIONAL DATA:
Log _____ Water Level Measurements _____ Chemical Analysis _____ Aquifer Test _____

REMARKS: _____

Observation Well Logs

NOTICE TO WATER WELL CONTRACTOR

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

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

RECEIVED

State Well No. 375/105-8 ba

APR 11 1977

State Permit No.

WATER RESOURCES DEPT.**(1) OWNER:**

Name Jesperperson Edgwood Inc.
Address Swan Lake, Klamath Falls, Oregon 97601

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

Threaded Welded
18" Diam. from 0 ft. to 20 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

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.

(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

Was a pump test made? Yes No If yes, by whom? Interstate
Yield: 3200 gal./min. with 2 ft. drawdown after 4 hrs.
" " " " " " "
" " " " " " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. -----
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used Cement
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 22 in.
Diameter of well bore below seal 18 in.
Number of sacks of cement used in well seal 10 sacks
Number of sacks of bentonite used in well seal ----- sacks
Brand name of bentonite -----
Number of pounds of bentonite per 100 gallons of water ----- lbs./100 gals.
Was a drive shoe used? Yes No Plugs ----- Size: location ----- ft.
Did any strata contain unusable water? Yes No
Type 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:

County Klamath Driller's well number
NE 1/4 1/4 Section 8 T. 37S R. 10 E W.M.
Bearing and distance from section or subdivision corner 111° 10' 00"
26° 0' 00" S. 10.97 Dnd 20.16 S. 10° 14'
at the NW Corner of Sec 8 T. 37S R. 10 E.
(11) WATER LEVEL: Completed well.
Depth at which water was first found 118 ft.
Static level 118 1/2 ft. below land surface. Date 2/23/77
Artesian pressure ---- lbs. per square inch. Date ----

(12) WELL LOG: Diameter of well below casing 18

Depth drilled 200 ft. Depth of completed well 200 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
Top soil brown	0	3	
white chalk or clay	3	100	
Lava rock black	100	110	
Broken lava rock	110	118	118 1/2
Hard lava rck black	118	120	
Lava pours W/ black cynders			
	120	150	
Pours lava W/ cynders	150	200	118 1/2

Work started September 1976 Completed February 1977
Date well drilling machine moved off of well February 23 1977

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

(Signed) Walter J. Zedler Date 2/23, 1977
(Drilling Machine Operator)

Drilling Machine Operator's License No. 201

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 Wilson Drilling Contractor Inc.

(Person, firm or corporation) (Type or print)
Address P.O. Box 136, Merrill, Oregon 97633

(Signed) Walter J. Zedler
(Water Well Contractor)

Contractor's License No. 169 Date 2/23, 1977

(USE ADDITIONAL SHEETS IF NECESSARY)

SP*45656-119

STATE ENGINEER
Salem, Oregon

KLAM
2269 **Well Record**
G5538

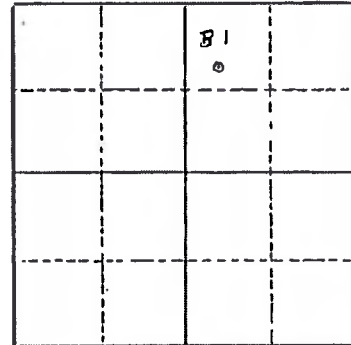
STATE WELL NO. 37/10-18B(1)
COUNTY Klamath
APPLICATION NO. U-501

OWNER: Mario Marengo MAILING ADDRESS: Box F

LOCATION OF WELL: Owner's No. _____ CITY AND STATE: Williams, California

NW 1/4 NE 1/4 Sec. 18 T. 37 S., R. 10 ^{N.} _{E.} W.M.

Bearing and distance from section or subdivision corner S. 58° 36 1/2' W 2175' from NE cor. Sec. 18



Section 18

Altitude at well _____

TYPE OF WELL: Drilled Date Constructed 1954

Depth drilled 325 Depth cased _____

CASING RECORD:

16 inch

FINISH:

AQUIFERS:

Red cinders at bottom of well

WATER LEVEL:

PUMPING EQUIPMENT: Type Turbine H.P. _____
Capacity _____ G.P.M.

WELL TESTS:

Drawdown 88 ft. after 3 hours pumping 2500 G.P.M.

Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Irrigation Temp. _____ °F., 19.

SOURCE OF INFORMATION U-501

DRILLER or DIGGER W. L. Hartley

ADDITIONAL DATA:

Log X Water Level Measurements _____ Chemical Analysis _____ Aquifer Test _____

REMARKS:

STATE ENGINEER
Salem, Oregon

22169

State Well No. 37/10-18B(1)

County KLAMATH

Application No. U-501

Water Level Record

OWNER: MARIO MARENGO OWNER'S NO. _____

Description of measuring point: PART PIPE 0.6' ABOVE L.S.D. ON E. SIDE OF PUMP (AIRLINE INSTALLED)

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
<u>9-26-61</u>	<u>78.06</u>	<u>USB</u>			
<u>9-26-61</u>	<u>AIRLINE</u>	<u>102' SHORT</u>			

REMARKS: _____

STATE ENGINEER
Salem, Oregon

OBSERVATION WELL

KLAM
2289

Well Record

STATE WELL NO. 37/10-308(1)
COUNTY Klamath
APPLICATION NO. 100

OWNER: C Fred Collman

MAILING ADDRESS: box 46

LOCATION OF WELL: Owner's No. _____

CITY AND STATE: _____

ne $\frac{1}{4}$ nw $\frac{1}{4}$ Sec. 30 T. 37 N. 10 E.
S., R. _____ W., W.M.

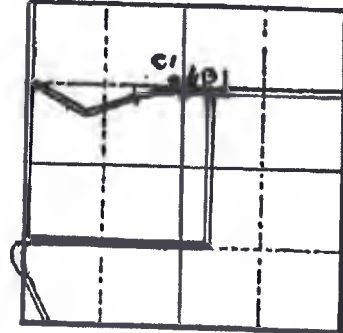
Bearing and distance from section or subdivision corner _____

Altitude at well 4,205

TYPE OF WELL: Drilled Date Constructed _____

Depth drilled 98.6 Depth cased 55

CASING RECORD: 16 inches



Section 30

FINISH: _____

AQUIFERS: Black "Cinder and gravel" from 32 to 98 feet

WATER LEVEL: 23.11 feet below land surface, August 22, 1949

PUMPING EQUIPMENT: Type Turbine H.P. _____
Capacity _____ G.P.M.

WELL TESTS:
Drawdown _____ ft. after _____ hours _____ G.P.M.
Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Irrigation Temp. _____ °F. _____ 19____

SOURCE OF INFORMATION USGS

DRILLER or DIGGER _____

ADDITIONAL DATA:
Log Water Level Measurements _____ Chemical Analysis Aquifer Test _____

REMARKS: Hardness 50ppm, Chloride 3ppm. Water level draws down 17 ft. when well pumped 2,000gpm.

ORIGINAL
File Original and
Duplicate with the
STATE ENGINEER,
SALEM, OREGON

WATER WELL REPORT KLAMATH

RECEIVED
DEC 12 1957

STATE OF OREGON

12186

State Well No. 38/10-5 M(1)

State Permit No. _____

(1) OWNER:

Name Mrs Maude E. Lisk STATE ENGINEER
Address 1041 Eldorado SALEM, OREGON
Klamath Falls, Oregon

(2) LOCATION OF WELL:

County Klamath Owner's number, if any- No 3
NW 1/4 SW 1/4 Section 5 T. 385 R. 10E. W.M.
Bearing and distance from section or subdivision corner N. 1° 29' 1/2 E.
1358' from S.W. Corner of
Sec 5, T. 385, R. 10E, W.M.

TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 11.

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
18" Diam. from 0 ft. to 39 ft. Gage $\frac{1}{4}$ wall
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(7) PERFORATIONS:

Perforated? Yes No

Size of hole

~~XXXXXXXXXXXX~~
~~XXXXXXXXXXXX~~
~~XXXXXXXXXXXX~~
20" from 0 ft. to 200 ft.
16" from 200 ft. to 580 ft.
10" from 580 ft. to 850 ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.

SCREENS:

Well screen installed Yes No

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

CONSTRUCTION:

Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.
Was a surface seal provided? Yes No To what depth? 38 ft.
Material used in seal- packer and cement
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(10) WATER LEVELS:

Static level 58 ft. below land surface Date 9-21-57
Artesian pressure _____ lbs. per square inch Date _____

Log Accepted by:

(Signed) Maude E. Lisk Sept 25, 1957
(Owner)

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level.

Was a pump test made? Yes No If yes, by whom? Interstate
Yield: 2150 gal./min. with 90 ft. drawdown after 4 hrs.

Ballor test gal./min. with _____ ft. drawdown after _____ hrs.

Artesian flow g.p.m. Date _____

Temperature of water 50 Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well 20-16-10 inches.

Depth drilled 850 ft. Depth of completed well 850 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
Top soil and brown clay	0	6
Rock- boulders	6	9
Clay	9	12
Brown clay, gravel	12	20
Brown clay (dark) and gravel	20	34
Grey clay	34	38
Grey mud (dark)	38	58
Brown conglomerate rock	58	70
Green lava (water at 70')	70	165
Grey lava (dark)	165	200
Black lava (w/ white seams)	200	248
Grey lava (dark w/white seams)	248	315
Brown lava (dark w/seams of sand)	315	322
Grey lava (w/white seams)	322	405
Grey lava and sand	405	415
Black lava	415	505
Black lava (w/white seams)	505	536
Brown shale (dark)	536	550
Black lava (w/white seams)	550	665
Black lava (hard)	665	725
Black lava (w/white white seams)	725	765
Grey lava (dark w/brown shells)	765	800
Black lava	800	825
Brown lava (w/grey shells)	825	840
Grey and black lava	840	850

Work started July 1 1957. Completed Sept 14 1957

(13) PUMP:

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

Well Driller's Statement:

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

NAME Wilson Drilling Contractor

(Person, firm, or corporation) (Type or print)
Address Box 136 Merrill, Oregon

Driller's well number _____

(Signed) Walter L. Wilson
(Well Driller)

License No. 169 Date Sept 21, 1957

STATE ENGINEER
Salem, Oregon

12186

State Well No. $38/10-54(1)$ ^M

County Klamath

Application No. _____

Water Level Record

OWNER: Manda Laskoy OWNER'S NO. _____

Description of measuring point: No 3, Top of casing 1 ft above L.S.

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
10-17-57	57.48	WSB.			
6-4-58	41.54				
10- ³⁰ 27 -58	68	OWNER'S Air line & gage			
9-26-61	117	WSB.			

REMARKS: _____

STATE ENGINEER
Salem, Oregon

KLAM
12203
(SWAN LAKE RANCH)

OBSERVATION WELL
Well Record

STATE WELL NO. 38/10-13D(1)
COUNTY Klamath
APPLICATION NO. U319

OWNER: L. M. & Lloyd L. Hankins

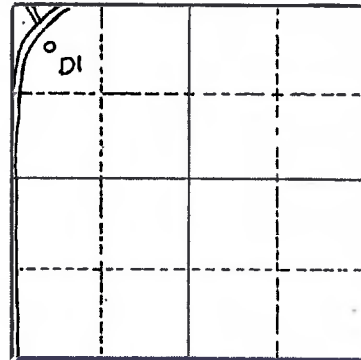
MAILING ADDRESS: Route 1

LOCATION OF WELL: Owner's No. 7

CITY AND STATE: Bonanza, Oregon

NW 1/4 NW 1/4 Sec. 13 T. 38 N. S. R. 10 W. W.M.

Bearing and distance from section or subdivision corner S. 26° 37 1/4' E. from the NW Cor. of Sec. 13



Section 13

Altitude at well 4,192

TYPE OF WELL: Drilled Date Constructed 1949

Depth drilled 220.9 Depth cased 40

CASING RECORD:

16-inch

FINISH:

AQUIFERS:

Red cinders from 216 to 221

WATER LEVEL:

77.29 feet below land surface on July 21, 1949
79.70 " " " " " November 19, 1949

PUMPING EQUIPMENT: Type Turbine H.P. 75
Capacity G.P.M.

WELL TESTS:

Drawdown 19 ft. after 3 hours pumping 1,600 G.P.M.
Drawdown ft. after hours G.P.M.

USE OF WATER Irrigation, stock Temp. 65 °F. 3-25-51, 19

SOURCE OF INFORMATION USGS

DRILLER or DIGGER

ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

Hardness 90 ppm "Liskey well"
Chloride 12 ppm

After 3 hours' pumping at 1,600 gpm water level draws down 19 feet.

STATE ENGINEER
Salem, Oregon

12203

State Well No. 38/10-130(1)

County Klamath

Application No. 0319

Water Level Record

OWNER: L.M. & Lloyd L. Hankins OWNER'S NO. 7

Description of measuring point: Access pipe on N. Side of well
2 feet above L.S.D.

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
7-21-49	77.29	USGS Report			
11-19-49	79.70	USGS Report			
4-24-57	73.55				
10- ³⁰ 29 -58	73.75				

REMARKS: 2" ...

STATE ENGINEER
Salem, Oregon

KLAMATH
12420

Well Record

STATE WELL NO. 38/11¹/₂-29(1)
COUNTY Klamath
APPLICATION NO. 4318

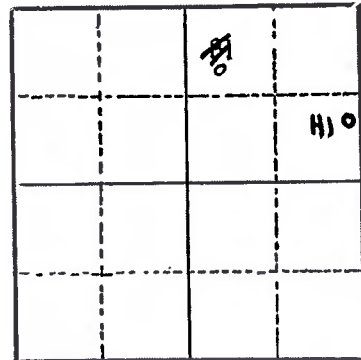
OWNER: L. M. Hankins

MAILING ADDRESS:
CITY AND STATE:

LOCATION OF WELL: Owner's No. 13

~~SE~~ ^{SE} 1/4 NE 1/4 Sec. 29 T. 38 S. R. 11¹/₂ E, W.M.

Bearing and distance from section or subdivision corner
5123' E + 548' N from
West 1/4 corner section 29



Altitude at well 4,206

TYPE OF WELL: Drilled Date Constructed 1950

Depth drilled 125 Depth cased

Section 29

CASING RECORD: 16 inches

FINISH:

AQUIFERS:

WATER LEVEL: 110 feet below land surface, April 23, 1952
100 do Oct. 1950

PUMPING EQUIPMENT: Type Turbine H.P.
Capacity G.P.M.

WELL TESTS:
Drawdown 8 in. after 4 hours Pumping 2660 G.P.M.
Drawdown ft. after hours G.P.M.

USE OF WATER Irrigation Temp. 63 °F. Feb 15, 1951

SOURCE OF INFORMATION USGS

DRILLER or DIGGER

ADDITIONAL DATA:

Log X Water Level Measurements Chemical Analysis Aquifer Test

REMARKS: Water level taken by air gauge.

KLAM
50362

OBSERVATION WELL
Well Record

STATE ENGINEER
Salem, Oregon

STATE WELL NO. ^{ML} 38/112-6(1)
COUNTY Klamath
APPLICATION NO. _____

OWNER: L.M. Hankins (SWP, LAKE RANCH) MAILING ADDRESS: _____

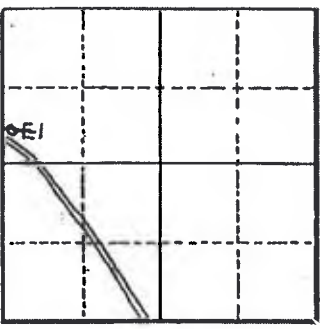
LOCATION OF WELL: Owner's No. _____ CITY AND STATE: _____

SW NW 6 38 11 1/2 E
N.W. 1/4 SW 1/4 Sec. T. S., R. W.M.

Bearing and distance from section or subdivision corner _____

Altitude at well 4,188

TYPE OF WELL: Drilled Date Constructed _____
Depth drilled 224 Depth cased _____



Section 6

CASING RECORD: 16 inches

FINISH: _____

AQUIFERS: Lava breccia from 174 to 224 ft.

WATER LEVEL: 89.65 feet below land surface, April 23, 1952.

PUMPING EQUIPMENT: Type Turbine H.P. _____
Capacity _____ G.P.M.

WELL TESTS:
Drawdown _____ ft. after _____ hours _____ G.P.M.
Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Irrigation Temp. _____ °F. _____, 19____

SOURCE OF INFORMATION USGS

DRILLER or DIGGER _____

ADDITIONAL DATA:
Log _____ Water Level Measurements _____ Chemical Analysis _____ Aquifer Test _____

REMARKS: Reported silt beds and talus blocks to 174 feet. water-bearing breccia layers in rock below; bailer samples from aquifer were water-rounded cobbles.

Well GE(1) in USGS Report.

*KLAM
50362*

STATE ENGINEER
Salem, Oregon

~~KLAM~~
12383

State Well No. 38/14-6(1)

County _____

Application No. _____

Water Level Record

OWNER: Hankins OWNER'S NO. _____

Description of measuring point: lip of 94 in. hole in pump base.
25 5.7 above L.S.D.

Date	Water Level Feet (above below) Land Surface	Remarks	Date	Water Level Feet (above below) Land Surface	Remarks
4-24-57	88.96				
³⁶ 10-27-58	87.78	JES.			
9-26-61	98.18	WSB			

REMARKS: _____

Other Well Logs in Study Area

STATE ENGINEER
Salem, Oregon

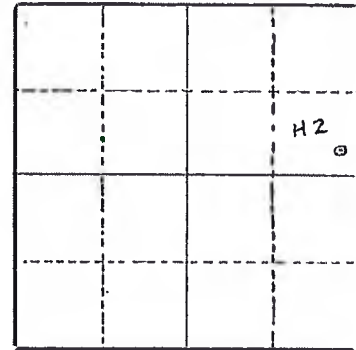
KLAMATH
2256 Well Record

STATE WELL NO. 37/9-36H(2)
COUNTY Klamath
APPLICATION NO. U-457

OWNER: John A. & William F. Marshall MAILING ADDRESS: Route 2, Box 808

LOCATION OF WELL: Owner's No. CITY AND STATE: Klamath Falls, Oregon

SW 1/4 NW 1/4 Sec. 36 T. 37 N. S. R. 9 E. W.M.
Bearing and distance from section or subdivision
corner N 23° W 452' from E 1/4 cor. Sec. 36



Section 36

Altitude at well

TYPE OF WELL: Drilled Date Constructed

Depth drilled 1800 Depth cased 600

CASING RECORD:

16 inch
12 inch
casing set to 600 feet

FINISH:

AQUIFERS:

WATER LEVEL:

51 September 53

PUMPING EQUIPMENT: Type H.P.
Capacity G.P.M.

WELL TESTS:

Drawdown ft. after hours G.P.M.
Drawdown ft. after hours G.P.M.

USE OF WATER Temp. °F. 19

SOURCE OF INFORMATION

DRILLER or DIGGER

ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

Penetrated tertiary sedimentary rocks, obtained only small yield

RECEIVED

KLAMATH
2277

37S/10E-20ab

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 637.765)

DEC 29 1987

(1) OWNER: WATER RESOURCES DEPT.
Name Jespersen + Edges SALEM OREGON
Address Rt 2 Bx 8095
City Klamath Falls State OR Zip 97603

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 330 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
8"	0	28	Cement	0	28	7 sacks

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
8"	0	28	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Liner: _____

Location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

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

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min 45 Drawdown 13 Drill stem at _____ Time 1 hr

Temperature of water 56° Depth Artesian Flow Found _____
Was a water analysis done? No Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other Surface
Depth of strata: 5'

(9) LOCATION OF WELL by legal description:
County Klamath Latitude _____ Longitude _____
Township 37S N or S, Range 10E E or W, WM.
Section 20 NW 1/4 NE 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
25 ft. below land surface. Date 12/14/87
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 5'

From	To	Estimated Flow Rate	SWL
5	6	1/29 gpm	5'
330	345	4.59 gpm	25'

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
tan sand & clay	0	17	5'
yellow clay	17	22	
green clay	22	127	
gray clay	127	265	
brown clay	265	300	
gray clay & coarse sand	300	345	25'

Date started 11/30/87 Completed 12/14/87

(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 well construction standards. Materials used and information reported above are true to my best 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 well construction standards. This report is true to the best of my knowledge and belief.
WVC Number 1228
Signed Randy H. Johnson Date 12/15/87

STATE ENGINEER
Salem, Oregon

KLAM 2288 OBSERVATION WELL
KLAM 2288
Well Record

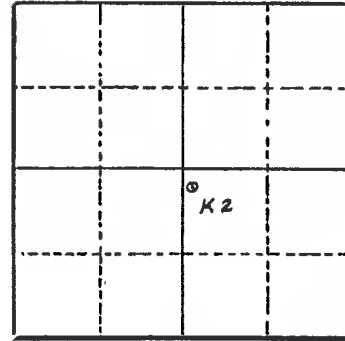
STATE WELL NO. 37/10-29K(2)
COUNTY Klamath
APPLICATION NO.

OWNER: EDGEWOOD FARMERS
A. R. Devincenzi MAILING ADDRESS:

LOCATION OF WELL: Owner's No. 3 CITY AND STATE:

NW 1/4 SE 1/4 Sec. 29 T. 37 S., R. 10 W, W.M.

Bearing and distance from section or subdivision corner



Section 29

Altitude at well 4186

TYPE OF WELL: Drilled Date Constructed 1949-1951

Depth drilled 800 Depth cased 20

CASING RECORD:

16 inch set to 20 feet

FINISH:

AQUIFERS:

Gravel from 135 to 155 feet

WATER LEVEL:

28.01 feet below land surface, November 19, 1949

PUMPING EQUIPMENT: Type H.P.
Capacity G.P.M.

WELL TESTS:

Drawdown ft. after hours G.P.M.

Drawdown ft. after hours G.P.M.

USE OF WATER Stock Temp. °F., 19.....

SOURCE OF INFORMATION USGS Report 1952

DRILLER or DIGGER

ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

Deepened from 158 in 1951

KLAM 2288
 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

37/10-29K2
 Klamath

WATER RESOURCES DIVISION

Report Page No. 25
 GROUND WATER BRANCH

COUNTY Klamath

STATE Oregon

WATER LEVELS AND ARTESIAN PRESSURES IN OBSERVATION WELLS

37/10-29K2. A. R. Devincenzi. Drilled stock water-table well in gravel, diameter 18 inches, depth 800 feet. Land-surface datum is about 4,186 feet above msl.

High water level ^{20.78} ~~23.57~~ below lsd, Apr. 17 1958; lowest ^{29.10} ~~28.50~~ below lsd, Sept. 6 1958
 Records available 1949 ~~1950~~ Water level below lsd

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1955		1960	27.08				
Feb. 10	25.06	Jan 18	26.74				
June 28	25.87	JUNE 12					
Aug. 25	25.73	Oct 13	28.71				
1956		1961					
Apr 7	24.21	Jan 14	28.44				
Sept 11	24.60	5-3	27.60				
Oct 11	24.55	4-16	29.10				
Dec 20	24.34 23.94	1962					
1957		1-10	28.88				
7-24	24.11						
1958							
Apr 17	20.78						
Aug 6	23.25						
Dec 4	23.45						
1959							
June 10	23.63						
Sept 2	25.79						

STATE ENGINEER
Salem, Oregon

KLAM 2288

State Well No. 3710-29K(2)

County Klamath

Application No. _____

Water Level Record

OWNER: A. R. Derincenci OWNER'S NO. _____

Description of measuring point: Top of casing, 0.4 feet above land surface.

See hydrograph. Ele. Land Surface 4186

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
11-19-49	28.01	USGS			
4-11-50	26.63	do			
7-11-50	27.55	du	4-7-56	23.01 24.09 24.21	
4-9-51	26.31	du			
9-6-51	28.50	do			
4-22-52	25.38	do	9-11-56	24. ⁶⁰ 24.20	
6-19-52	25.54	do	10-11-56	24.55	
9-4-52	25.58		12-20-56	24.34 22.94	
12-27-52	25.07		4-20-57	23.10	USGS
4-2-53	24.21		4-23-57	23.50	USGS
4-15-53	24.25		7-24-57	24.11	USGS
7-21-53	24.53		10-7-57	24.14	USGS
10-15-53	24.77		4-17-58	20.78	GS
4-19-54	23.57		6-4-58	22.70	
7-27-54	24.21		8-5-58	23.25	GS
12-17-54	24.72		10-24-58	23.50	
2-18-55	25.06		12-4-58	23.45	GS
6-28-55	25.47		9-26-61	29.01	WSB
8-25-55	25.73				

REMARKS: _____

WATER WELL REPORT
STATE OF OREGON

Klamath
10082

RECEIVED RECEIVED

SEP - 4 1990

JUL 28 1989

State Well No. _____

State Permit No. _____

PLEASE TYPE or PRINT IN INK
WATER RESOURCES DEPT
SALEM, OREGON

(1) OWNER:

Name W. H. Wan Inc.
Address 1304 Lake Park Blvd.
City South Falls State OR

(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
Rotary Mud Dug
 Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other
Thermal: Withdrawal ReInjection

(5) CASING INSTALLED:

Steel Plastic
Threaded Welded
Diam. from 4.1 ft. to 1.2 ft. Gauge 250
Diam. from _____ ft. to _____ ft. Gauge _____

LINER INSTALLED:

Diam. from 4.1 ft. to 3.1 ft. Gauge 250

(6) PERFORATIONS:

Perforated? Yes No
Type of perforator used _____
Size of perforations 3/16 in. by 3 in.
2240 perforations from 7.2 ft. to 197 ft.
perforations from _____ ft. to _____ 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
Was a pump test made? Yes No If yes, by whom? W. H. Wan
Rate: 2800 gal/min. with 42 ft. drawdown after _____ hrs.
Air test: _____ gal/min. with drill stem at _____ ft. hrs.
Bailey test: _____ gal/min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m.
Temperature of water 48 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Special standards: Yes No
Well seal—Material used Portland Cement
Well sealed from land surface to _____ ft.
Diameter of well bore to bottom of seal 3.9 in.
Diameter of well bore below seal 1.5 in.
Number of sacks of cement used in well seal 3.6 sacks
How was cement grout placed? holed
Was pump installed? no Type _____ IIP _____ Depth _____ ft.
Was a drive shoe used? Yes No Plug no Size _____ Location _____ ft.
Did any strata contain unusable water? Yes No
Type 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:

County Klamath Driller's well number _____
S.E. 1/4 NE 1/4 Section 19 T. 31 S. R. 10 E. W.M.
Tax Lot # _____ Lot _____ Blk _____ Subdivision _____
Address at well location: W. H. Wan Inc. (S. W. Lake)
1304 Lake Park Blvd. S. Falls, OR 97603

(11) WATER LEVEL: Completed well.

Depth at which water was first found _____ ft.
Static level 48.7 ft. below land surface. Date 7/27/89
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing _____ ft.
Depth drilled 220 ft. Depth of completed well 210 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
sandstone (grey)	7	14	
Rock-lava (black)	14	17	
sandstone	17	51	
shale grey	51	53	
sandstone / ginders (dark)	53	73	77
Rock-lava	73	76	
slate / sandstone / ginders	76	117	45
sandstone	117	146	
ginders / sand (hard)	146	176	
lava (black)	176	178	45
clay (grey)	176	220	
lay 4 layers of coarse sd.	220	225	
hard clay (grey)	225	265	
slate (grey) / ginders	265	280	
sand stone	280	295	
dark sd / white pumice	295	310	
clay	310	320	

Work started 1/16 1989 Completed 7/12 1989
Date well drilling machine moved off of well _____

(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] Clayton E. Hill Date 7/27, 1989

Bonded Water Well Constructor Certification:
Bond 2350.83 Issued by: Employers Ins. Co
045350 W. H. Wan Inc.
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name Clayton E. Hill (Type or print)
Address 26 Box 1, Mill, Ore.
[Signed] Clayton E. Hill Water Well Constructor
Date 7/27, 1989

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-46292-600

10336

OCT 24 1951

(12) WELL LOG:

WATER RESOURCES DEPT.
ASTORIA OREGON

Topsoil	0 - 2
Brn clay and sand	2 - 8
Brn sandstone	8 - 18
Gray shale	18 - 115
Green shale	115 - 145
Green clay	145 - 192
White pumice	192 - 197
Green clay	197 - 227
Gray clay	227 - 282
Green clay	282 - 345
Gray and green shale	345 - 596
Brn sandstone	596 - 599
Green clay	599 - 601
Hard black sandstone	601 - 621
Green shale	621 - 660
Brown clay	660 - 717
Gray basalt and clay	717 - 799
Brn basalt and clay	799 - 852
Gray shale and clay	852 - 1,127
Green shale and clay	1,127 - 1,305
Brn and gray lava and clay	1,305 - 1,321
Green shale	1,321 - 1,340
Brn shale	1,340 - 1,468
Gray shale	1,468 - 1,499
Brn shale	1,499 - 1,511
Broken gray basalt	1,511 - 1,620

SWL 30'

1,555-1,560	Lost all return
1,565-1,568	Lost all return
1,571-1,572	"
1,573-1,575	"
1,581-1,583	"
1,585-1,590	"
1,590-1,620	Partial loss

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.

RECEIVED WATER WELL REPORT STATE OF OREGON (Please type or print) JUN 15 1979 (Do not write above this line) WATER RESOURCES DEPT

KLAM 11643

State Well No. 383/9E-901 CC State Permit No. G-8625

(1) OWNER:

Name CURTIS T. UNDERWOOD Address RT 2 BOX 809C KLAMATH FALLS, ORE

(2) TYPE OF WORK (check):

New Well [X] Deepening [] Reconditioning [] Abandon [] If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary [X] Driven [] Cable [] Jetted [] Dug [] Bored []

(4) PROPOSED USE (check):

Domestic [] Industrial [] Municipal [] Irrigation [X] Test Well [] Other []

CASING INSTALLED:

Threaded [] Welded [X] 16" DP Diam. from +1 ft. to 26 ft. Gage 250

PERFORATIONS:

Perforated? [] Yes [X] No Type of perforator used Size of perforations in. by in.

(7) SCREENS:

Well screen installed? [] Yes [X] No Manufacturer's Name Type Model No. Diam. Slot size Set from ft. to

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level Was a pump test made? [] Yes [X] No If yes, by whom? Well: gal./min. with ft. drawdown after hrs. BR LIFT 1000 BPM @ 610' 2 "

(9) CONSTRUCTION:

Well seal—Material used CEMENT Well sealed from land surface to 26 ft. Diameter of well bore to bottom of seal 20 in. Diameter of well bore below seal in. Number of sacks of cement used in well seal 24 sacks How was cement grout placed? POURED

Was a drive shoe used? [X] Yes [] No Plug Size: location ft. Did any strata contain unusable water? [] Yes [X] No Type of water? depth of strata Method of sealing strata off Was well gravel packed? [] Yes [X] No Size of gravel: Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County KLAMATH Driller's well number 117 SW 1/4 SW 1/4 Section 9 T. 38S R. 9E W.M. Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 180 ft. Static level 106 ft. below land surface. Date 5/22/79 Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 15 to 250 Depth drilled 610 ft. Depth of completed well 610 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.

Table with columns: MATERIAL, From, To, SWL. Rows include: BRN CAN TOPSOIL (0-4), YELLOW CLAY (4-12), BROKEN BRN BASALT (12-17), BRN & GRAY BASALT (17-31), GRAY BASALT (36-48), BROKEN BRN BASALT (48-69), GRAY BASALT (69-87), BROKEN GRAY BASALT & RED CINDERS (87-91), BROKEN BRN BASALT (91-118), BROKEN GRAY BASALT (118-124), BROKEN GRAY BASALT & BRN CINDERS (124-150), GRAY BASALT (150-180), GRAY BASALT & RED CINDERS (180-255) NB, GRAY BASALT (255-307), BRN BASALT (307-325), GRAY BASALT (325-565), BROKEN GRAY BASALT (565-570) NB, GRAY BASALT (570-610)

Work started 4/4/79 19 Completed 5/22/79 19 Date well drilling machine moved off of well 5/22/79 19

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief. [Signed] [Signature] Date 6/14, 1979 (Drilling Machine Operator) Drilling Machine Operator's License No. 656

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 E E STACY & SON WELL DRILLING CO (Person, firm or corporation) (Type or print) Address 3947 HOPE K FALLS Address [Signature] Date 6/14, 1979 (Water Well Contractor) Contractor's License No. 601 Date 6/14, 1979

STATE ENGINEER
Salem, Oregon

KLAM
12197

Well Record

STATE WELL NO. 38/10-9M(2)
COUNTY Klamath
APPLICATION NO. U-440

OWNER: Rogers and Stacy

MAILING

ADDRESS:

LOCATION OF WELL: Owner's No.

CITY AND

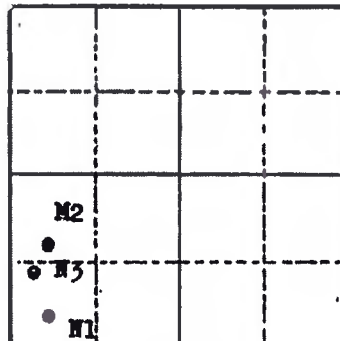
STATE:

Olena, Oregon

NW 1/4 SW 1/4 Sec. 9 T. 38 N. S. R. 10 E. W.M.

Bearing and distance from section or subdivision

corner N 72° 53' from SW cor. NW 1/4 SW 1/4
Section 9



Section 9

Altitude at well 4190

TYPE OF WELL: Drilled Date Constructed

Depth drilled 294 Depth cased 60'

CASING RECORD:

10 inches, 60 feet

FINISH:

AQUIFERS:

Lava rock

WATER LEVEL:

63.45' below land surface, July 20, 1949 Deepened in 1951 water level dropped to 96.44'

PUMPING EQUIPMENT: Type H.P.

Capacity G.P.M.

WELL TESTS:

Drawdown 45 ft. after 2 hours pumping 2300 G.P.M.

Drawdown ft. after hours G.P.M.

USE OF WATER Stock Temp. °F., 19.

SOURCE OF INFORMATION U-440

DRILLER or DIGGER

ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

Hardness 70 ppm, ohloride 7 ppm. Test pumped 260 gpm; agitation of water in well evident when pump not operating; deepened from 208 to 221' in 1951; test pumped at 2,000 gpm; has static level of 90'. Listed as 9M(2) in USGS reports.

STATE ENGINEER
Salem, Oregon

State Well No. 38/10-9M(2)

County Klamath

Application No. U444

Water Level Record

OWNER: Regent and Stacy OWNER'S NO. _____

Description of measuring point: _____

LSD 4190

USGS

Date	Water Level Feet (above) Foot (below) Land Surface	Remarks	Date	Water Level Feet (above) Foot (below) Land Surface	Remarks
7-19-49	62.45		8-4-50	62.69	
4-14-50	62.64		-11-	62.71	
4-24-50	62.73		-14-	62.72	
4-28-50	62.83		-28-	62.73	
5-8-50	62.85		9-1-50	62.73	
5-12-50	62.90		-8-	62.72	
5-19-50	62.95		-15-	62.71	
5-24-50	62.89		-22-	62.70	
6-2-50	62.87		-24-	62.69	
-9-	62.82		10-6-50	62.67	
16	62.79		-12-	62.66	
23	62.77		20	62.65	
30	62.83		27	62.64	
7-7-50	62.83		11-4-50	62.96	
-11-	62.78		-2-	62.82	
-14-	62.67		-10-	62.83	
-21-	62.67		-17-	62.74	
-28-	62.68		-25-	62.74	

REMARKS: _____

STATE ENGINEER
Salem, Oregon

State Well No. 38/10-9M/24
County klamath
Application No. 0440

Water Level Record

OWNER: Rogers & Stacy OWNER'S NO. _____

Description of measuring point: _____

1308

Date	Water Level Feet (below) Land Surface	Remarks	Date	Water Level Feet (below) Land Surface	Remarks
12-1-50	62.95		1-2-51	62.99	
-8-	62.96		6	62.6	
15-	62.97		12	62.7	
22-	62.98		20	62.9	
29-	64.09		27	67.1	
1-5-51	64.19		2-2-51	64.7	
12-	64.28		8	64.8	
19-	64.39		15	65.2	
26-	64.49		22	64.4	
2-2-51	64.59		2-1-51	66.4	
2-9-51	64.59		9	66.1	
16-	64.69		16	66.0	
23-	64.66		23	65.0	
2-2-51	64.70		30	65.80	
2-9-51	64.71		7-6-51	65.7	
16	64.72		13	65.7	
23	64.73		20	65.6	
30	—		27	65.5	

REMARKS: _____

STATE ENGINEER
Salem, Oregon

State Well No. 38/10-1M(4)

County Klamath

Application No. 0440

Water Level Record

OWNER: Reginald E. Gray OWNER'S NO. _____

Description of measuring point: _____

USGS

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
9-8-51	67.75				
Oct 21		Drilled to 221'			
1-4-52	96.44				
4-10-52	94.89				

REMARKS: _____

(1) OWNER:

Name Rogers and Stacy
 Address Olney, Oregon

(2) LOCATION OF WELL:

County Klamath Owner's number, if any—
NW 1/4 SW 1/4 Section 9 T. 38 S. R. 10 E. W.M.
 Bearing and distance from section or subdivision corner
N. 72° E. - 530 ft. from the SW corner
of the NW 1/4 SW 1/4 of Section 9.

(3) TYPE OF WORK (check):

Well Deepening Reconditioning Abandon
 abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic Industrial Municipal
 Irrigation Test Well Other

(5) TYPE OF WELL:

Rotary Driven
 Cable Jetted
 Dug Bored

(6) CASING INSTALLED:

12" Diam. from 0 ft. to 60 ft. Gage
 " 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.

(8) SCREENS:

Well screen installed Yes No
 Manufacturer's Name
 Model No.
 n. Slot size Set from ft. to ft.
 diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:

Well gravel packed? Yes No Size of gravel:
 Gravel placed from ft. to ft.
 Was a surface seal provided? Yes No To what depth? ft.
 Material used in seal—
 Did any strata contain unusable water? Yes No
 Type of water? Depth of strata
 Method of sealing strata off

(10) WATER LEVELS:

Static level 96.4 ft. below land surface Date 1/1/52
 Artesian pressure lbs. per square inch Date

Log Accepted by:

[Signed] Date 19.....
 (Owner)

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level
 Was a pump test made? Yes No If yes, by whom? Hitchcock
 Yield: 2300 gal./min. with 45 ft. drawdown after 2 hrs.
 " " " "
 " " " "
 " " " "
 Bailor test gal./min. with ft. drawdown after hrs.
 Artesian flow g.p.m. Date
 Temperature of water 54 Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well inches.
 Depth drilled ft. Depth of completed well ft.
 Formation: Describes 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
Soil	0	20
Lava rock	20	290
Crevices	290	294

U. S. G. S. reports that the water level in this well dropped from about 65 feet to 90 feet when the well was deepened in 1951.

Water has hardness of 70 p.p.m. and chloride content of 7 p.p.m.

Work started 19..... Completed 19.....

(13) PUMP:

Manufacturer's Name Buda
 Type: Turbine H.P.

Well Driller's Statement:

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

NAME So. Oregon Well Drilling Company
 (Person, firm, or corporation) (Type or print)

Address

Driller's well number

[Signed]
 (Well Driller)

License No. Date 19.....

NC

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.

RECEIVED
 DEC 9 1965
 STATE ENGINEER
 SALEM, OREGON

WATER WELL REPORT

STATE OF OREGON (Type or print)

KLAM
 12209

State Well No. 38/10-16 D

State Permit No.

(1) OWNER:

Name Mrs. Dave Liskey
 Address Klamath Falls, Oregon

(2) LOCATION OF WELL:

County Klamath Driller's well number
 NW 1/4 NW 1/4 Section 16 T. 38 S. R. 10 E W.M.
 Bearing and distance from section or subdivision corner
 509 S. and 237' 6" E. of said Sec. corner

(3) TYPE OF WORK (check):

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

(4) PROPOSED USE (check):

Domestic Industrial Municipal Irrigation Test Well Other
 Rotary Cable Dug Driven Jetted Bored

(5) TYPE OF WELL:

(6) CASING INSTALLED: Threaded Welded
 18" Diam. from 1 ft. to 20 ft. Gage 025
 " 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.

(8) SCREENS:

Well screen installed? Yes No
 Manufacturer's Name
 Type Model No.
 Slot size Set from ft. to ft.
 Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:

Well seal—Material used in seal cement
 Depth of seal 18 ft. Was a packer used? YES
 Diameter of well bore to bottom of seal 24 in.
 Were any loose strata cemented off? Yes No
 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 cementing

(10) WATER LEVELS:

Static level 125 ft. below land surface Date 5/25/65
 Artesian pressure lbs. per square inch Date

(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: 2850 gal./min. with 8' 4" ft. drawdown after 4 hrs.
 " " " "
 " " " "
 " " " "
 Bailer test gal./min. with ft. drawdown after hrs.
 Artesian flow g.p.m. Date
 Temperature of water 58 Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well below casing 18"

Depth drilled 290 ft. Depth of completed well 290 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
Lava rock (boulders)	0	50
Brown lava rock	50	85
Red lava	85	95
Brown lava	95	105
Red lava (water 140')	105	160
Black lava	160	165
Red lava	165	185
Red lava (boulders w/sand)	185	200
Black lava boulder	200	215
Red lava w/sand	215	220
Black broken lava	220	230
Red lava pours	230	240
Black lava pours	240	255
Black lava crevice	255	277
Black lava	277	285
Black and blue grey pours lava	285	295

Work started Feb. 1965 Completed May 1965
 Date well drilling machine moved off of well 19

(13) PUMP:

Manufacturer's Name
 Type Turbine H.P. 100

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 Wilson Drilling Contractor
 (Person, firm or corporation) (Type or print)

Address Merrill, Oregon

Drilling Machine Operator's License No. 122-201

[Signed] /s/ Walter L. Wilson
 (Water Well Contractor)

Contractor's License No. 169 Date June 6, 1965

ORIGINAL
File Original and
Duplicate with the
STATE ENGINEER,
SALEM, OREGON

OBSERVATION WELL WATER WELL REPORT

KLAM
1221
6763

State Well No. 38/10-16Q(2)

State Permit No. _____

RECEIVED
DEC 12 1957

(1) OWNER:

Name Mrs. Maude E. Lisker
Address 1041 El Derado
Klamath Falls, Oregon

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom? Interstate Pump

Yield: 2650 gal./min. with 2 ft. drawdown after 4 hrs.

" " " " "

" " " " "

Bailer test gal./min. with _____ ft. drawdown after _____ hrs.

Artesian flow _____ g.p.m. Date _____

Temperature of water 68 Was a chemical analysis made? Yes No

(2) LOCATION OF WELL:

County Klamath Owner's number, if any— No 1
SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 16 T. 385 R. 10E. W.M.

Bearing and distance from section or subdivision corner

N. 65° 43' 10" - 1507.7 from SE.
corner of Sect. 16, T. 385,
R. 10E., W.M.

(12) WELL LOG:

Diameter of well 18" to 170 ft.

Depth drilled 225 ft. Depth of completed well 225 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.

TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
Abandonment, describe material and procedure in Item 11.

(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
18" Diam. from 0 ft. to 38.6 ft. Gage 1 wall

" 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 _____

Type _____ Model No. _____

_____ Slot size _____ Set from _____ ft. to _____ ft.

_____ Slot size _____ Set from _____ ft. to _____ ft.

CONSTRUCTION:

Was well gravel packed? Yes No Size of gravel: _____

Gravel placed from _____ ft. to _____ ft.

Was a surface seal provided? Yes No To what depth? 38.6 ft.

Material used in seal— cement

Did any strata contain unusable water? Yes No

Type of water? _____ Depth of strata _____

Method of sealing strata off _____

(10) WATER LEVELS:

Static level 125.6 ft. below land surface Date June 57

Artesian pressure _____ lbs. per square inch Date _____

Log Accepted by:

(Signed) Maude E. Lisker 6-30, 1957
(Owner)

(13) PUMP:

Manufacturer's Name _____

Type: _____ H.P. _____

Well Driller's Statement:

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

NAME Wilson Drilling Contractor
(Person, firm, or corporation) (Type or print)

Address Box 136 Merrill, Oregon

Driller's well number _____

[Signed] Walter L. Wilson
(Well Driller)

License No. 169 Date June 30, 1957

STATE ENGINEER
Salem, Oregon

12211

State Well No. 38/10-160(2)

County Klamath

Application No. G.763

Water Level Record

OWNER: Maudie Liskey OWNER'S NO. _____

Description of measuring point: On main air line and gage. Gage is 1 foot above L.S.D

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
10-17-57	124				
6-4-58	122	WSB			
10-30-58	123 1/2	"			
9-26-61	127	WSB			

REMARKS: _____

RECEIVED
MAR 27 1962

KLAM
12213
WATER WELL REPORT
STATE OF OREGON

G-4804 (Doubtful)

38/10-16R

File Original and
First Copy with the
STATE ENGINEER,
SALEM, OREGON

STATE ENGINEER
SALEM, OREGON

State Well No. _____
State Permit No. _____

(1) OWNER:

Name Daniel L. House
Address Rte. # 1
Dairy, Oregon.

(2) LOCATION OF WELL:

County Klamath Owner's number, if any--
East half S. 1/4 Section 16 T. 38 R. 27 W.M.
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 11.

(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
18" Diam. from 1+ ft. to 9 ft. Gage 8
" 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.

(8) 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.

(9) CONSTRUCTION:

Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from ft. to ft.
Was a surface seal provided? Yes No To what depth? 9 ft.
Material used in seal- Clay
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(10) WATER LEVELS:

Static level 111 ft. below land surface Date Feb. 15, 62
Artesian pressure lbs. per square inch Date _____

Log Accepted by:

[Signed] D.L. House Date 3/22 1962
(Owner)

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom Valley Pump
Yield: 1800 gal./min. with 25 ft. drawdown after 5 hrs.

" " " "
" " " "
" " " "
" " " "

Ballor test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m. Date _____

Temperature of water 58 Was a chemical analysis made? Yes No

(12) WELL LOG: 16" to 200 ft. - 12" inches.

Depth drilled 460 ft. Depth of completed well 460 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
Top soil Sandy Loam	0	1
Overburden Boulder Lava	1	12
Yellow Shale	12	61
Fine Yellow sand & surface	W 61	62
Yellow Shale	62	96
Blue Shale	96	218
Black Peat	218	224
Black burnt Lava Rock	224	230
Blue Shale	230	385
Hard Grey Shale	385	408
Hard Black Burnt Lava	408	417
Hard Blue Lava Rock (broken)	417	452
Coarse Sand & Coarse Pumice	452	454
Broken Lava Rock (vary good Aqua-Fir)	454	460

Work started Nov. 1961. Completed Feb. 1962

(13) PUMP:

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

Well Driller's Statement:

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

NAME Charles E. Hartley Well-Drilling
(Person, firm, or corporation) (Type or print)

Address 4779 1/2 South Sixth St.
Klamath Falls, Oregon.

Driller's well number _____

[Signed] Chas E Hartley
(Well Driller)

License No. 145 Date Mar 22 1962

(USE ADDITIONAL SHEETS IF NECESSARY)

STATE ENGINEER
Salem, Oregon

KLAM
12217

(MIKE SHORT)

OBSERVATION WELL
Well Record

G-5504

STATE WELL NO. 38/10-22C(1)
COUNTY Klamath
APPLICATION NO. U-319

OWNER: L. M. & Lloyd L. Hankins

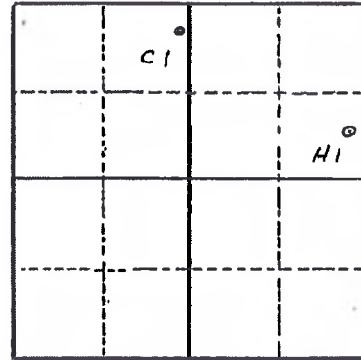
MAILING ADDRESS: Route 1

LOCATION OF WELL: Owner's No. 9

CITY AND STATE: Bonanza, Oregon

NE 1/4 NW 1/4 Sec. 22 T. 38 N. S. R. 10 E. W.M.

Bearing and distance from section or subdivision corner S 81° 37' E. 2496' from NW cor. Sec. 22



Section 22

Altitude at well

TYPE OF WELL: Drilled Date Constructed

Depth drilled 460 Depth cased 100

CASING RECORD:

18 inch set to 100 feet

FINISH:

AQUIFERS:

Lava rock

WATER LEVEL:

107 feet below land surface

PUMPING EQUIPMENT: Type None H.P.
Capacity G.P.M.

WELL TESTS:

Drawdown	2.5	ft. after	1	hours	pumping 1275	G.P.M.	510
Drawdown	4.5	ft. after	2	hours	pumping 2000	G.P.M.	444

USE OF WATER Irrigation Temp. °F., 19

SOURCE OF INFORMATION

DRILLER or DIGGER W. L. Hartley & Son

ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

Drawdown 5.5 after 2½ hours pumping 2350 gpm 427
 Drawdown 6.0 after 3 hours pumping 2550 gpm 425
 Drawdown 7.5 after 3½ hours pumping 2750 gpm 364

Test by Interstate Pump Co. Klamath Falls

STATE ENGINEER
Salem, Oregon

12217

State Well No. 38/10-22 C/S

County Klamath

Application No. _____

Water Level Record

OWNER: Hankins OWNER'S NO. #9

Description of measuring point: _____
Lip of Hole on east side of casing which is 6 feet
above L.S.D.

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
<u>4/23/57</u>	<u>106.08</u>	<u>No Pump</u>			
<u>10-17-57</u>	<u>107.05</u>	<u>No Pump</u>			
<u>6-4-58</u>	<u>104.92</u>				
<u>10-³⁰29-58</u>	<u>106.02</u>	<u>SES</u>			
<u>9-26-61</u>	<u>109.57</u>	<u>WSB</u>			

REMARKS: _____

H. C. ...

0319
0343

KLAM
12218

RECEIVED

MAY 27 1963

WATER WELL REPORT

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.

State Well No. 38/10-22 H(1)
State Permit No. _____

(1) OWNER:

Name _____
Address _____

(2) LOCATION OF WELL:

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

(3) TYPE OF WORK (check):

New 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 Cable Dug Driven Jetted Bored

(6) CASING INSTALLED:

Threaded Welded
1.8" Diam. from 0 ft. to 100 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.

(8) SCREENS:

Well screen installed Yes No

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

(9) CONSTRUCTION:

Well seal—Material used in seal cement
Depth of seal 100 ft. Was a packer used? no
Diameter of well bore to bottom of seal 20 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 348
Type of water? good Depth of strata _____
Method of sealing strata off _____

(10) WATER LEVELS:

Static level 109 ft. below land surface Date July 20 1963
Artesian pressure _____ lbs. per square inch Date _____

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level.
Was a pump test made? Yes No If yes, by whom? private
Yield: 3000 gal./min. with 3 ft. drawdown after 4 hrs.
" " " " " "
" " " " " "
" " " " " "
Baller test gal./min. with _____ ft. drawdown after _____ 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 18
Depth drilled 348 ft. Depth of completed well 348 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
<u>top soil</u>	<u>0</u>	<u>2</u>
<u>chalk</u>	<u>2</u>	<u>91</u>
<u>sand</u>	<u>268</u>	<u>348</u>

Work started 19 Completed July 20 1963
Date well drilling machine moved off of well _____ 19 ____

(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 W.L. Hartley & Sons (Type or print)
Address Bonanza Dr

Drilling Machine Operator's License No. 129

[Signed] Robert F. Hartley (Water Well Contractor)
Contractor's License No. 109 Date Feb 15, 1963

STATE ENGINEER
Salem, Oregon

KLAM
12218

Well Record

STATE WELL NO. 38/10-22E(1)
COUNTY Klamath
APPLICATION NO. U-319

OWNER: L. M. & Lloyd L. Hankins

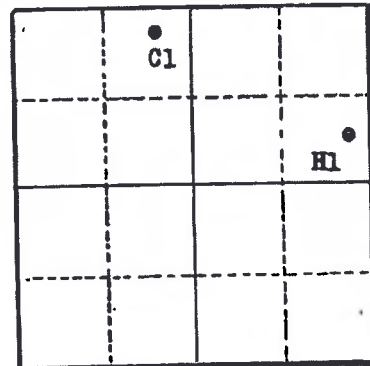
MAILING ADDRESS: Route 1

LOCATION OF WELL: Owner's No. 10

CITY AND STATE: Bonanza, Oregon

..... 1/4 1/4 Sec. T. N. S., R. E. W., W.M.

Bearing and distance from section or subdivision corner S. 8 2 1/2 W. 1842'



Section 22

Altitude at well

TYPE OF WELL: Drilled Date Constructed

Depth drilled 348 Depth cased 100

CASING RECORD:

18-inch

FINISH:

AQUIFERS:

WATER LEVEL:

105' on Sept. 11, 1956 (owners air line)

PUMPING EQUIPMENT: Type Johnston turbine H.P. 100
Capacity G.P.M.

WELL TESTS:

Drawdown ft. after hours G.P.M.

Drawdown ft. after hours G.P.M.

USE OF WATER Irrigation Temp. °F., 19.....

SOURCE OF INFORMATION U-319

DRILLER or DIGGER W. L. Hartley & son

ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

12218

Water Level Record

OWNER: Hankins OWNER'S NO. 10

Description of measuring point: lip of hole in pump bas. on North
side of well 12 feet above L.P.

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
<u>4-23-57</u>	<u>97.06</u>				
<u>10-17-57</u>	<u>106.46</u>				
<u>6-4-58</u>	<u>95.78</u>				
<u>10-19-58</u>	<u>97.00</u>	<u>SD</u>			
<u>9-26-61</u>	<u>109.78</u>	<u>WTD</u>			

REMARKS:

STATE ENGINEER
Salem, Oregon

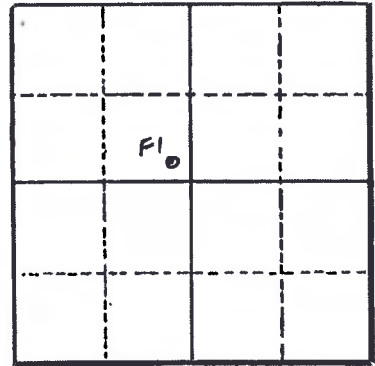
KLAM
12221

OBSERVATION WELL Well Record

STATE WELL NO. 38/10-23F(1)
COUNTY Klamath
APPLICATION NO. U-343

OWNER: Gene Carl MAILING ADDRESS: Route 1
CITY AND STATE: Romanza, Oregon

LOCATION OF WELL: Owner's No. 11
SE 1/4 NW 1/4 Sec. 23 T. 38 N. S. R. 10 W., W.M.
Bearing and distance from section or subdivision
corner S. 44° 05' 1/2 E. 3470' from NW cor. Sec. 23



Section 23

Altitude at well
TYPE OF WELL: Drilled Date Constructed
Depth drilled 260 Depth cased 94

CASING RECORD:

18 inch

FINISH:

AQUIFERS:

Water from burnt lava and cinders in bottom of well

WATER LEVEL:

PUMPING EQUIPMENT: Type Turbine, Peerless H.P. 100
Capacity G.P.M.

WELL TESTS:
Drawdown ft. after hours G.P.M.
Drawdown ft. after hours G.P.M.

USE OF WATER Irrigation Temp. °F., 19.....

SOURCE OF INFORMATION U-319

DRILLER or DIGGER

ADDITIONAL DATA:
Log X Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

STATE ENGINEER
Salem, Oregon

State Well No. 38/10-23F(1)

12221

County Klamath

Application No.

Water Level Record

OWNER: Hankins OWNER'S NO. 11

Description of measuring point: Lip of hole in pump base, 1.9 feet
above L.S.D.

Date	Water Level Feet (above (below) Lead Surface)	Remarks	Date	Water Level Feet (above (below) Lead Surface)	Remarks
4-24-57	102.82	JRS			
10-17-57	112.71	JRS			
6-4-58	100.83	JRS			
10-29-58	102.15	u			
9-26-61	106.18	JRS			

REMARKS:

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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

RECEIVED

STATE OF OREGON

APR 2 1982

WATER RESOURCES DEPT

WATER WELL REPORT *KLAM*

STATE OF OREGON *122288*

(Please type or print)

State Well No. *38/10E-2460*

State Permit No. _____

(Do not write above this line)

(1) OWNER: SALEM, OREGON

Name *NEVIN CATTLE CO.*

Address *STAR RT DAIRY, ORF 97625*

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

(3) TYPE OF WELL: Rotary Driven Cable Jetted Bored
(4) PROPOSED USE (check): Domestic Industrial Municipal Irrigation Test Well Other

(5) CASING INSTALLED: Threaded Welded
16" Diam. from *0* ft. to *30* ft. Gage *250*
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(6) 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.

(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
Was a pump test made? Yes No If yes, by whom? *INTERSTATE PUMP CO*
1: *1750* gal./min. with *181* ft. drawdown after *4 1/2* hrs.
" " " " " " " "
" " " " " " " "
Baller test gal./min. with _____ ft. drawdown after _____ hrs.
_____ gal. flow _____ g.p.m.
Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION: Well seal—Material used *CEMENT*
Well sealed from land surface to *30* ft.
Diameter of well bore to bottom of seal *20* in.
Diameter of well bore below seal *18* in.
Number of sacks of cement used in well seal *25* sacks
How was cement grout placed? *PUMP*

Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
Did any strata contain unusable water? Yes No
Type 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:
County *KLAMATH* Driller's well number _____
SW 1/4 NW 1/4 Section 24 T. 38S R. 10 W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.
Depth at which water was first found *121* ft.
Static level *113* ft. below land surface. Date *3/2/82*
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing *18*
Depth drilled *443* ft. Depth of completed well *443* 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
TOP SOIL	0	5	
BOULDERS	5	28	
BLACK LAVA ROCK	28	117	
GRAY BASALT	117	121	
BLACK LAVA	121	133	
FRACTURED LAVA	133	197	
BLACK LAVA WITH CLAY	197	238	
RED HONEYCOMB LAVA WITH CINDEERS	238	290	
RED LAVA	290	298	
GRAY LAVA (HARD)	298	330	
RED LAVA	330	348	
GRAY LAVA (HARD)	348	352	
HONEYCOMB LAVA	352	402	
BROWN LAVA	402	439	
CINDERS CAVING	439	443	

Work started *9/18 1981* Completed *3/2 1982*
Date well drilling machine moved off of well *3/2 1982*

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] *Carl G. Enloe* Date *3/29 1982*
(Drilling Machine Operator)
Drilling Machine Operator's License No. *316*

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 *C & C ENLOE DRILLING, INC.*
(Person, firm or corporation) (Type or print)
Address *PO BOX 323*
[Signed] *Carl G. Enloe*
(Water Well Contractor)
Contractor's License No. *503* Date *3/30 1982*

STATE ENGINEER KLAM
Salem, Oregon 12224

OBSERVATION WELL Well Record

STATE WELL NO. 38/10-25A(1)
COUNTY Klamath
APPLICATION NO. U333

OWNER: ~~O.C. Mitchell~~ GARRISON MITCHELL MAILING ADDRESS: _____
CITY AND STATE: _____

LOCATION OF WELL: Owner's No. _____ CITY AND STATE: Derry Oregon

NE 1/4 NE 1/4 Sec. 25 T. 38 S. R. 10 E. W. W.M.

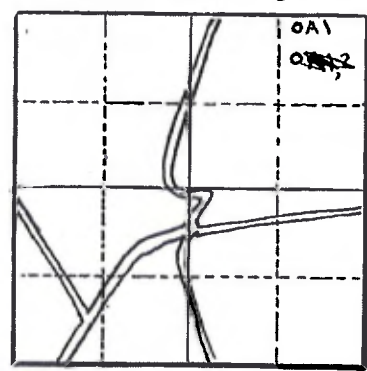
Bearing and distance from section or subdivision corner 15.14' E & 109' S from N.E. corner
Section 25

Altitude at well 4,190

TYPE OF WELL: Drilled Date Constructed _____

Depth drilled 524 Depth cased 329 ft.

CASING RECORD: 1 1/4 inches, 329 ft.



Section 25

FINISH: _____

AQUIFERS: Lava boulders and cinders from 520 to 524

WATER LEVEL: 83 feet below land surface, September 1949.

PUMPING EQUIPMENT: Type Turbine H.P. _____
Capacity _____ G.P.M.

WELL TESTS:
Drawdown 7 ft. after 5 hours Pumping 2048 G.P.M.
Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Irrigation Temp. _____ °F. _____, 19____

SOURCE OF INFORMATION USGS U333

DRILLER or DIGGER _____

ADDITIONAL DATA:
Log Water Level Measurements Chemical Analysis _____ Aquifer Test _____

REMARKS: Test-pumped 2,048 gpm with drawdown of 7 ft. after 5 hours; gravel-packed from adjacent pilot hole.

12224

Con'y

STATE ENGINEER
Salem, Oregon

State Well No. 38/10-25A(1)
County Klamath
Application No. 4333

Well Log

Owner: G.C. Mitchell
Owner's No. _____
Driller: Wilson Bros. Drilling Co. 1949
Date Drilled _____

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Soil, sandy, brown	0	5	5
Alluvium, undifferentiated:			
Sand and clay, brown	5	24	19
Sand, coarse, brown (some perched water)	24	28	4
Clay, blue	28	55	27
Clay with sand, brown	55	70	15
Sandstone and "shale", brown	70	82	12
Gravel and "cinders", 1/8 to 1/2 inch diameter (some water)	82	85	3
Sandstone, blue	85	87	2
Clay, blue and sand	87	88	1
Clay, yellow	88	93	5
Gravel, colored, contains obsidian pebbles (some water)	93	96	3
Clay, tan	96	98	2
Gravel, colored, 1/8 to 1 inch diameter (some water)	98	101	3
Sand, coarse, colored (300 gpm)	101	103	2
Clay, yellow	103	108	5
"Chalk", gray (diatomite or volcanic ash)	108	130	22
"shale", blue, "semihard"	130	167	37
Clay, brown, "very sticky"	167	171	4
"Chalk", blue	171	198	27
Clay, rusty color	198	202	4
"Chalk", blue	202	208	6
"Shale", sandy, black	208	212	4
Clay, rusty color, "semihard"	212	250	38

STATE ENGINEER
Salem, Oregon

12224

State Well No. 38/10-25A(1)
County Klamath
Application No. 0333

Well Log

Owner: G.C. Mitchell
Wilson Bros. Drilling Co.
Driller: _____
Owner's No. 1949
Date Drilled _____

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Clay, gray	250	310	60
Clay, brown	310	314	4
"Shale", gray	314	316	2
Gravel, mixed colors	316	317	1
Sandstone, hard, mixed colors	317	323	6
Clay, brown	323	327	4
Sandstone, hard, mixed colors	327	329	2
Upper lava rocks:			
Lava, broken and boulders	329	334	5
"Chalk", white (volcanic ash?)	334	338	4
Lava rock, hard, black	338	346	8
"Chalk", gray (volcanic ash?)	346	354	8
Lava rock	354	360	6
"Chalk", green (volcanic ash?)	360	389	29
Lava rock	389	403	14
"Chalk", gray "volcanic ash?"	403	413	10
Shale, black (volcanic ash?)	413	418	5
"Chalk", green and "rock shells"	418	429	11
Lava rock, hard and black	429	485	56
Basalt	485	488	3
Rock and cinders, red; water bearing	488	500	12
Lava rock, water bearing	500	520	20
Lava boulders and cinders, water bearing	520	524	4

STATE ENGINEER
Salem, Oregon

12224

State Well No. 38/10-25A(1)

County KLAMATH

Application No. U 333

Water Level Record

OWNER: GARRISON C. & EMMA M. MITCHELL OWNER'S NO. _____

Description of measuring point: Top of casing at land surface

Date	Water Level Feet (above) (below) Land Surface	524' - 14" Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
5-1-58	77.5	Final Proof Survey			

REMARKS: _____

STATE ENGINEER
Salem, Oregon

State Well No. 36/10-25 A(1)

County Klamath

Application No. _____

Water Level Record

OWNER: G. Mitchell OWNER'S NO. _____

Description of measuring point: Top of casing beneath pump base
at L.S.D.

Date	Water Level Feet (below) Land Surface	Remarks	Date	Water Level Feet (above) Feet (below) Land Surface	Remarks
4-24-57	79.18	YES			
10-17-57	82.13	YES			
6-4-58	77.95	YES			
³⁰ 10-29-58	79.15	YES			

REMARKS: _____

KLAM
12226

NOTICE TO WATER WELL CONTRACTOR
The original and first copy
of this report are to be
filed with the
STATE ENGINEER, SALEM 10, OREGON
within 30 days from the date
of well completion.

RECEIVED
SEP 7 1965
STATE ENGINEER
CLALLAM OREGON

WATER WELL REPORT

STATE OF OREGON
(Please type or print)

State Well No. 38/10-25 J

State Permit No. _____

G 3262

(1) OWNER:

Name Vern A. Deyarmie
Address STAR RT
DAIRY OREGON

(2) LOCATION OF WELL:

County KLAMATH Driller's well number
NE 1/4 SE 1/4 Section 25 T. 38S R. 10E W.M.
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If 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
8 5/8" Diam. from _____ ft. to _____ ft. Gage _____
8 5/8" Diam. from 1 1/2 ft. to 138 1/2 ft. Gage 250
_____ 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.

(8) SCREENS:

Well screen installed? Yes No
Manufacturer's Name _____ Model No. _____
_____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(9) CONSTRUCTION:

Well seal—Material used in seal Puddled CLAY
Depth of seal 20 ft. Was a packer used? NO
Diameter of well bore to bottom of seal 10 1/2 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? SURFACE Depth of strata 4 TO 15'
Method of sealing strata off CASING

(10) WATER LEVELS:

Static level 75' 6" ft. below land surface Date 8/19/65
Artesian pressure _____ lbs. per square inch Date _____

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? INTERSTATE
Yield: 1000 gal./min. with 9' 4" ft. drawdown after 2 hrs.
" " " " " "
" " " " " "
Bailer test gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m. Date _____
Temperature of water 55 Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well below casing 8
Depth drilled 834 ft. Depth of completed well 834 ft.
Formation: Describes 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
TOP SOIL	0	1
BROWN CLAY	1	3
HARD PAN	3	4
BROWN CLAY & SAND	4	15
BLUE CLAY & SAND	15	30
GRAY CLAY & SAND	30	45
BROWN CLAY & SAND	45	72
GREEN CLAY	72	150
GREEN SHALE	150	354
BROWN SHALE	354	427
GREEN SHALE	427	765
BLACK LAVA	765	834

Work started 7/22/65 19 Completed 8/17/65 19
Date well drilling machine moved off of well 8/19/65 19

(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 E E Storey (Type or print)
Address 3831 Hope Klamath Falls, Ore.

Drilling Machine Operator's License No. 110

[Signed] E E Storey

Contractor's License No. 74 Date 9/3/65 19

STATE ENGINEER
Salem, Oregon

KLAM
12228

Well Record

STATE WELL NO. 38/10-26C(1)
COUNTY Klamath
APPLICATION NO. U-323

OWNER: Maude E. Liskey MAILING ADDRESS: 1041 El Dorado Avenue

LOCATION OF WELL: Owner's No. CITY AND STATE: Klamath Falls, Oregon

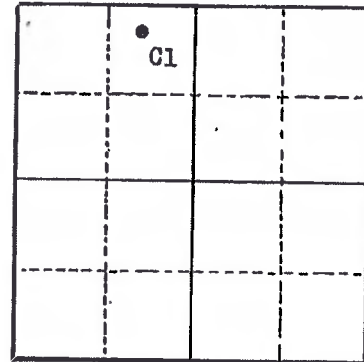
NE 1/4 NW 1/4 Sec. 26 T. 38 N. S. R. 10 W., W.M.

Bearing and distance from section or subdivision corner

Altitude at well 4221

TYPE OF WELL: Drilled Date Constructed

Depth drilled 582 Depth cased 15'



Section 26

CASING RECORD:

16 inches 15 feet

FINISH:

AQUIFERS:

Porous lava rock from 560 to 581

WATER LEVEL:

126.55 feet below land surface, July 19, 1949

PUMPING EQUIPMENT: Type Capacity G.P.M. H.P.

WELL TESTS:

Drawdown ft. after hours G.P.M.
Drawdown ft. after hours G.P.M.

USE OF WATER Irrigation Temp. °F., 19

SOURCE OF INFORMATION USGS

DRILLER or DIGGER

ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

Test pumped 700 and 2,165 gpm when bottom at 282 and 560' depth, respectively; drawdown was 2.5' at the latter rate.

STATE ENGINEER
Salem, Oregon

(2228)

State Well No. 38/10-260(1)
County Klamath
Application No.

Well Log

Owner: Dave Liskey Owner's No.

Driller: K. Hartley Date Drilled 1949

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Alluvium, undifferentiated:			
Soil	0	2	2
Clay, yellow	2	5	3
Sandstone, brown	5	10	5
Clay, yellow	10	19	9
Shale, blue	19	30	11
Clay, yellow	30	65	35
Sandstone, yellow	65	100	35
Sandstone, yellow, and clay red hard	100	150	50
Upper Lava Rocks:			
Lava rock, porous, black	150	175	25
Clay, red, and sandstone	175	198	23
Lava rock, porous, black, water bearing	198	397	199
Cinders, red	397	401	4
Lava rock, porous, black, water bearing	401	428	27
Basalt, hard and blue	428	442	14
Lava rock, porous, black, water bearing	442	487	45
Basalt, hard	487	503	16
Lava rock, and cinders, red	503	511	8
Lava rock, porous, black, water bearing	511	524	13
Basalt, hard	524	537	13
Lava rock and cinders, red	537	559	22
Sand, coarse, black	559	560	1
Lava rock, porous, black, water bearing	560	581	21
Basalt, hard, blue	581	582	1

STATE ENGINEER
Salem, Oregon

12228

State Well No. 38/10-26C(1)
County Klamath
Application No. U323

Water Level Record

OWNER: _____ OWNER'S NO. _____

Description of measuring point: _____

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
June 56	125.9	Annual well report			
Nov 56	126.9	do			

REMARKS: _____

NOTICE TO WATER WELL CONTRACTOR
The original and first copy
of this report are to be
filed with the

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

RECEIVED Klamath 12885
385/11/2E-7

WATER WELL REPORT
STATE OF OREGON APR 26 1976 State Well No. _____
(Please type or print) SALEM, OREGON State Permit No. _____
(Do not write above this line) WATER RESOURCES DEPT.

(1) OWNER:
Name Biaggi + Uenable G-7396
Address Dairy Oregon

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

(3) TYPE OF WELL: (4) PROPOSED USE (check):
Rotary Driven Domestic Industrial Municipal
Cable Jetted Irrigation Test Well Other
Plug Bored

(5) CASING INSTALLED: Threaded Welded
1 1/4 " Diam. from 0 ft. to 150 ft. Gage 250
1 1/4 " Diam. from 145 ft. to 180 ft. Gage 250
" Diam. from _____ ft. to _____ ft. Gage _____

(6) PERFORATIONS: Perforated? Yes No.
Type of perforator used Factory Saw cut
Size of perforations 3/16 in. by 4 in.
145 perforations from _____ ft. to _____ ft.
980 perforations from 145 ft. to 180 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
Was a pump test made? Yes No if yes, by whom?
1800 gal./min. with 0 ft. drawdown after 1 hrs.
2500 " 4 " 4 "
" " " " "
Baller test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m.
Temperature of water 53 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION: Well seal—Material used Cement
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 22 in.
Diameter of well bore below seal 18 in.
Number of sacks of cement used in well seal 16 sacks
Number of sacks of bentonite used in well seal _____ sacks
Brand name of bentonite _____
Number of pounds of bentonite per 100 gallons of water _____ lbs./100 gals.
Was a drive shoe used? Yes No Plug _____ Size: location _____ ft.
Did any strata contain unusable water? Yes No
Type 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:
County Klamath Driller's well number _____
SE 1/4 NE 1/4 Section 7 T. 385 R. 11 1/2 E W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.
Depth at which water was first found 118 ft.
Static level 98 ft. below land surface. Date 7-12-75
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing 14
Depth drilled 186 ft. Depth of completed well 186 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
<u>Sandy loam</u>	<u>0</u>	<u>10</u>	
<u>Yellow clay</u>	<u>10</u>	<u>105</u>	
<u>Sandstone</u>	<u>105</u>	<u>118</u>	<u>98</u>
<u>Coarse cinders & boulders</u>	<u>118</u>	<u>186</u>	
<u>Water bearing</u>			

Work started 7-12-75 Completed 3-21-76
Date well drilling machine moved off of well _____ 19____

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] J.C. Huntington Date 3-21-1976
(Drilling Machine Operator)
Drilling Machine Operator's License No. 847

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 Orrail Buckner
(Person, firm or corporation) (Type or print)
Address 2586 SW. 20th Redmond
[Signed] Orrail Buckner
(Water Well Contractor)
Contractor's License No. 608 Date 4-16-1976

STATE ENGINEER
Salem, Oregon

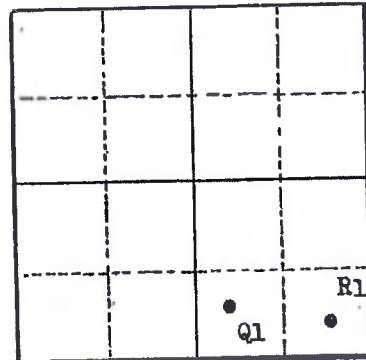
KIAM
12386 **OBSERVATION WELL
Well Record**

STATE WELL NO. 38/11 1/2-7R(1)
COUNTY Klamath
APPLICATION NO. U-319

OWNER: L. M. & Lloyd L. Hankins (SWAN LAKE RANCH) MAILING ADDRESS: Route 1

LOCATION OF WELL: Owner's No. 6 (Hamaker) CITY AND STATE: Bonanza, Oregon

SW 1/4 SE 1/4 Sec. 7 T. 38 N. S., R. 11 1/2 E., W.M.
Bearing and distance from section or subdivision
corner N 67° 55' E 4142' from monument at east 1/4
cor. Sec. 12, T. 38 S., R. 10 E.



Section 7

Altitude at well 4200

TYPE OF WELL: Drilled Date Constructed _____

Depth drilled 250 ± Depth cased _____

CASING RECORD:

16 inch

FINISH:

AQUIFERS:

WATER LEVEL:

100.15' below land surface April 23, 1952

PUMPING EQUIPMENT: Type Johnston Turbine H.P. 100
Capacity _____ G.P.M.

WELL TESTS:

Drawdown _____ ft. after _____ hours _____ G.P.M.

Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Irrigation Temp. _____ °F. _____, 19____

SOURCE OF INFORMATION U-319

DRILLER or DIGGER _____

ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis _____ Aquifer Test _____

REMARKS:

STATE ENGINEER
Salem, Oregon

State Well No. 38/11½ - 7R(1)

12386

County _____

Application No. _____

Water Level Record

OWNER: LM & LL Hankins OWNER'S NO. "Hamaker"

Description of measuring point: Lip of hole in pump base on
N. side of well, 100' above LSD

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
4-23-52	100.15	USGS			
10-30-58	91.83	JES			
9-26-61	103.53	WSB			

REMARKS: _____

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.

RECEIVED
 JAN 2 11 24 AM 12406 Well #4

STATE OF OREGON
 (Please type or print)
 WATER WELL REPORT
 (Do not write above this line)

State Well No. 38/11 1/2 - 20 N
 State Permit No. _____

G-4812

(1) OWNER:
 Name David Moore (Whispering Pines)
 Address Dairy, Oregon
(2) TYPE OF WORK (check):
 New Well Deepening Reconditioning Abandon
 If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: **(4) PROPOSED USE (check):**
 Rotary Driven Domestic Industrial Municipal
 Cable Jetted Irrigation Test Well Other
 Dug Bored

(5) CASING INSTALLED: Threaded Welded
16" Diam. from 0 ft. to 150 ft. Gage 1250
 " Diam. from _____ ft. to _____ ft. Gage _____
 " Diam. from _____ ft. to _____ ft. Gage _____

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.

(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) WATER LEVEL: Completed well.
 Static level 180 ft. below land surface Date NOV. 6-67
 Artesian pressure _____ lbs. per square inch Date _____

(9) WELL TESTS: Drawdown is amount water level is
 lowered below static level
 Was a pump test made? Yes No If yes, by whom? Valley Pump
 Yield: 2000 gal./min. with 10 ft. drawdown after 14 hrs.
 " " " " " " " "
 " " " " " " " "
 Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Artesian flow _____ g.p.m. Date _____
 Temperature of water 58 Was a chemical analysis made? Yes No

(10) CONSTRUCTION:
 Well seal—Material used Cement + bentonite
 Depth of seal 140 ft.
 Diameter of well bore to bottom of seal 20 in.
 Were any loose strata cemented off? Yes No Depth _____
 Was a drive shoe used? Yes No
 Did any strata contain unusable water? Yes No
 Type 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.

(11) LOCATION OF WELL:
 County Klamath Driller's well number _____
S. W. 1/4 S. W. 1/4 Section 20 T. 38 R. 11 1/2 E. W.M.
 Bearing and distance from section or subdivision corner
1140 ft N. 640 ft E of Sec. 20

(12) WELL LOG: Diameter of well below casing 16"
 Depth drilled 341 ft. Depth of completed well 341 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 as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
Top soil	0	6	
Sand stone	6	32	
Lava rock	32	250	
broken lava-water	250	341	

Work started Sept. 10 1968 Completed Nov. 6 1967
 Date well drilling machine moved off of well Nov. 6 1967

Drilling Machine Operator's Certification:
 This well was constructed under my direct supervision. Materials
 used and information reported above are true to my best
 knowledge and belief.
 [Signed] Robert F. Hartley Date Nov. 6, 1967
 (Drilling Machine Operator)
 Drilling Machine Operator's License No. 120

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 W.L. Hartley & Son W.L. Hartley
 (Person, firm or corporation) (Type of print)
 Address Box 146, Bonanza, Ore.
 [Signed] Robert F. Hartley
 (Water Well Contractor)
 Contractor's License No. 164 Date Nov. 6, 1967

STATE ENGINEER
Salem, Oregon

Well Record

STATE WELL NO. ^{28 M (1)} 38/11^{1/2} - ~~2042~~
COUNTY Klamath
APPLICATION NO. U300

KLAM
123419
(12419)

OWNER: Gay Barton

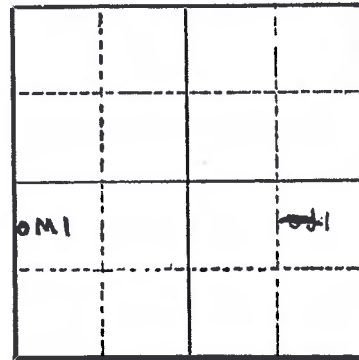
MAILING ADDRESS: Rt 2, Box 838

LOCATION OF WELL: Owner's No. 1

CITY AND STATE: Klamath Falls

NE 1/4 SE 1/4 Sec. 29 T. 38 S. R. 11 1/2 ^{N.} ~~W.~~ ^{E.} W.M.

Bearing and distance from section or subdivision corner N4° 01' E - 1820' from SE corner Section 28



Altitude at well 4,200

TYPE OF WELL Drilled Date Constructed 1948

Depth drilled 136 Depth cased 60 ft.

Section 28

CASING RECORD: 16 inches, 60 ft.

FINISH:

AQUIFERS: Porous lava from 100 ft. to 136 ft.

WATER LEVEL: 94 feet below land surface, September 1949

PUMPING EQUIPMENT: Type Turbine H.P. 50
Capacity 1400 G.P.M.

WELL TESTS:
Drawdown ft. after hours G.P.M.
Drawdown ft. after hours G.P.M.

USE OF WATER Irrigation Temp. °F., 19.....

SOURCE OF INFORMATION USGS U300

DRILLER or DIGGER

ADDITIONAL DATA:
Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS: Hardness 75ppm, chloride 10ppm. Test pumped 1,450 gpm with 4 ft. of drawdown; water sample taken 5/21/48 while drilling was in progress.

STATE ENGINEER
Salem, Oregon

KLAM
12421

OBSERVATION WELL
Well Record

STATE WELL NO. 38/11 1/2-30M(1)
COUNTY Klamath
APPLICATION NO. U-319
G-4672

OWNER: L. M. & Lloyd Hankins MAILING ADDRESS: Route 1

LOCATION OF WELL: Owner's No. 12 "Pine Flat" CITY AND STATE: Bonanza, Oregon

1/4 Sec. T. N. S., R. E. W., W.M.

Bearing and distance from section or subdivision
corner N 01° 33' E. 787' from NE cor. Sec. 25, T.
38 S., R. 10 E. Well is actually in
Lot 3, Section 30

MI			

Altitude at well 4215

TYPE OF WELL: Drilled Date Constructed

Depth drilled 276? -281 Depth cased

Section 30

CASING RECORD:

16 inch

FINISH:

AQUIFERS:

Broken lava and cinders 223 to 245

WATER LEVEL:

94.42 feet below land surface 4/23/52

PUMPING EQUIPMENT: Type Turbine H.P.
Capacity G.P.M.

WELL TESTS:

Drawdown ft. after hours G.P.M.

Drawdown ft. after hours G.P.M.

USE OF WATER Irrigation Temp. °F., 19.

SOURCE OF INFORMATION USGS

DRILLER or DIGGER

ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

"Pine Flat Well"

STATE ENGINEER
Salem, Oregon

State Well No. 38/11 1/2 - 30M(1)
County Klamath
Application No. _____

12421

Water Level Record

OWNER: Hankins OWNER'S NO. 12

Description of measuring point: Lip of air line hole in
pump base, 200 ft above L.S.D.

Date	Water Level Feet (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
4-24-57	92.12				
10-17-57	96.06				
6-4-58	91.86				
10- ³⁰ 29 -58	93.08	JES			
9-26-61	104.40	WSB Ah. installed			

REMARKS: _____

STATE ENGINEER
Salem, Oregon

KLAMATH OBSERVATION WELL
1242A Well Record

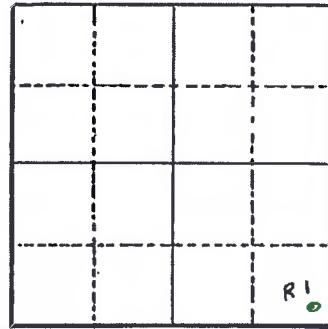
STATE WELL NO. 38/114-30R(1)
COUNTY Klamath
APPLICATION NO. U-299

OWNER: W. Hall *GEORGE McCOLLUM (Deceased)* MAILING ADDRESS: 901 Main Street

LOCATION OF WELL: Owner's No. 1 CITY AND STATE: Klamath Falls, Oregon

SE 1/4 SE 1/4 Sec 30 T. 38 S., R. 11 1/2 W., W.M.

Bearing and distance from section or subdivision corner N 19° 26' W. 301' from SE cor. Sec. 30



Section 30

Altitude at well 4190

TYPE OF WELL: Drilled Date Constructed _____

Depth drilled 145 Depth cased _____

CASING RECORD:
12 inches

FINISH:

AQUIFERS:

Cinders from 123 to 145 feet

WATER LEVEL:

85' ± below land surface, 1933

PUMPING EQUIPMENT: Type Turbine H.P. _____
Capacity 1,000 G.P.M.

WELL TESTS:

Drawdown _____ ft. after _____ hours _____ G.P.M.

Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Irrigation Temp. _____ °F. _____, 19 _____

SOURCE OF INFORMATION USGS

DRILLER or DIGGER _____

ADDITIONAL DATA:

Log _____ Water Level Measurements Chemical Analysis _____ Aquifer Test _____

REMARKS:

Yields 875 gpm

KLAM 12424

STATE ENGINEER
Salem, Oregon

State Well No. 38/11K-JOR(1)

County Klamath

Application No.

W. Hall

Water Level Record

OWNER: ~~W. L. Whyte~~ OWNER'S NO.

Description of measuring point: Lip of pump base above air line hole 1.5 ft above L.S.D.

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
4-25-57	74.97	JES			
9-26-61	87.50	WSB			

REMARKS:

NOTICE TO WATER WELL CONTRACTOR
The original and first copy
of this report are to be
filed with the

WATER WELL REPORT

KLAM 12425

State Well No. 383-11 1/2 E-30dc

State Permit No. G-7132

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

STATE OF OREGON
(Please type or print)
(Do not write above this line)

RECEIVED

(1) OWNER:
Name Mel Kodall
Address Star Route 1
DAIRY GROVE CON
SALEM, OREGON

(10) LOCATION OF WELL:
County WASH
Driller's well number 9
SW 1/4 Section 30 T. 38S R. 11 W.M.
Bearing and distance from section or subdivision corner

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

(11) WATER LEVEL: Completed well.
Depth at which water was first found 97 ft.
Static level 93 ft. below land surface. Date Oct 10
Artesian pressure lbs. per square inch. Date

(3) TYPE OF WELL: (4) PROPOSED USE (check):
Rotary Driven Domestic Industrial Municipal
Cable Jetted Irrigation Test Well Other
Aug Bored

(5) CASING INSTALLED:
" Diam. from 11 ft. to 20 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(12) WELL LOG: Diameter of well below casing 10.11
Depth drilled 235 ft. Depth of completed well 230 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.

(6) 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.

MATERIAL	From	To	SWL
Brown Clay large sand	0	15	
Black lava	15	220	93
Black lava (broken)	220	230	
Carrying water			

(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
Was a pump test made? Yes No If yes, by whom? Valley Pump, K. F.
d: 650 gal./min. with 32 ft. drawdown after 4 hrs.
" " " " " "
" " " " " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water 63° Depth artesian flow encountered ft.

Work started Oct 1 1975 Completed Oct 17 1975
Date well drilling machine moved off of well Oct 21 1975

(9) CONSTRUCTION: Portland Cement
Well seal—Material used
Well sealed from land surface to 2 ft.
Diameter of well bore to bottom of seal 14 in.
Diameter of well bore below seal 10 in.
Number of sacks of cement used in well seal 10 sacks
Number of sacks of bentonite used in well seal sacks
Brand name of bentonite
Number of pounds of bentonite per 100 gallons of water lbs./100 gals.
Was a drive shoe used? Yes No Plug Size: location ft.
Did any strata contain unusable water? Yes No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? Yes No Size of gravel: ft.
Gravel placed from ft. to ft.

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision.
Materials used and information reported above are true to my best knowledge and belief.
[Signed] Gerald J. Horn Date Nov 23, 1975
(Drilling Machine Operator) 958
Drilling Machine Operator's License No. 958

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 Denny M. Mc Lane Well Driller
(Person, firm or corporation) (Type or print)
Address 1607 Avenue W. Klamath Falls
[Signed] Denny M. Mc Lane
(Water Well Contractor)
Contractor's License No. 476 Date Nov 23, 1975

KLAM
50337

STATE ENGINEER
Salem, Oregon

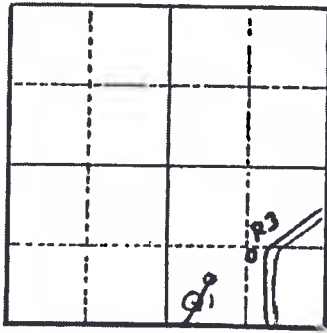
~~12424~~ KLAM OBSERVATION WELL
Well Record

STATE WELL NO. 38/11 $\frac{1}{2}$ -30(2) R(3)
COUNTY Klamath
APPLICATION NO. U299

OWNER: ~~E. J. Mayhall~~ (Civil Meas.) w. Hall
MAILING ADDRESS: _____
CITY AND STATE: _____

LOCATION OF WELL: Owner's No. 3
S. $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30 T. 38 S. R. 11 $\frac{1}{2}$ W. W.M.

Bearing and distance from section or subdivision
corner N42°45' W - 1674 ft from
SE corner Section 30



Altitude at well 4,217

TYPE OF WELL: Drilled Date Constructed _____
Depth drilled 175 Depth cased 120 ft.

Section 30

CASING RECORD:
1 1/2 inches, 120 ft.

FINISH:

AQUIFERS: Broken lava rock and cinders from 157 ft. to 175 ft.

WATER LEVEL: 103.43 feet below land surface, April 2, 1948

PUMPING EQUIPMENT: Type Turbine Capacity 1,100 G.P.M. H.P. _____

WELL TESTS:
Drawdown _____ ft. after _____ hours _____ G.P.M.
Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Irrigation Temp. _____ °F., 19 _____

SOURCE OF INFORMATION _____

DRILLER or DIGGER _____

ADDITIONAL DATA:
Log Water Level Measurements Chemical Analysis Aquifer Test _____

REMARKS: Hardness 60ppm, chloride 10ppm. Yields 950 gpm.

KLAM
50337

STATE ENGINEER
Salem, Oregon

State Well No. 38/11¹/₂-300(2)^{R(1)}

County Klamath

Application No. U289

Chemical Analysis

OWNER W. Hall OWNER'S NO. _____

ANALYST USGS Address _____

Date of Collection November 20, 1949

Point of Collection At well

	PPM	KPM
Silica (SiO ₂)	47	
Iron (Fe) Total	.04	
Manganese (Mn)		
Calcium (Ca)	14	
Magnesium (Mg)	8.8	
Sodium (Na)	20	
Potassium (K)		
Bicarbonate (HCO ₃)	124	
Carbonate (CO ₃)		
Sulfate (SO ₄)	2.9	
Chloride (Cl)	6.6	
Fluoride (F)	.2	
Nitrate (NO ₃)	.4	
Boron (B)	.01	
Dissolved Solids	161	
Hardness as CaCO ₃	71	
Specific Conductance (Micromhos at 25°C)	200	
pH	7.7	
Percent Sodium	20	
Sodium Absorption Ratio (S.A.R.)		
CLASS		

KLAM
50337

STATE ENGINEER
Salem, Oregon

State Well No. 38/114-30⁸³

County Klamath

Application No. 4299

Water Level Record

OWNER: W. Hall ~~W. L. Wright~~ OWNER'S NO. _____

Description of measuring point: _____
(MP in 7' above LSD?)

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
4-2-48	103.43		6-28-55	107.04	
11-19-49	104.84		8-25-55	108.02	
4-15-50	104.12				
7-11-50	105.61				
4-4-51	103.80		4-7-56	101.68	
9-6-51	106.55	Recovering	10-11-56	103.00	
1-4-52	104.80		12-21-56	102.53 101.89	
4-22-52	102.85		4-20-57	102.94	USGS
6-11-52	102.00		4-25-57	102.17	
9-4-52	105.33		7-24-57	104.79 105.69	USGS
12-28-52	103.43		9-26-61	109.02	WSB
4-2-53	102.46				
7-21-53	117.61				
10-15-53	104.63				
4-19-54	102.33				
9-15-54	105.99				
12-17-54	104.12				
2-18-55	103.62				

REMARKS: See Hydrograph

KLAM
50337

38/11 1/2 - 30 R (3)

FORM G-14B

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Report Page No. 36
GROUND WATER BRANCH

COUNTY Klamath

STATE Oregon

WATER LEVELS AND ARTESIAN PRESSURES IN OBSERVATION WELLS

Wilbert Hall - formerly
38/11 1/2 - 30 R. ^{W. L. Whytall.} Drilled irrigation water-table well in broken lava rock and cinders; diameter 1 1/2 inches, depth 175 feet. Land-surface datum is about 1,217 feet above msl.
NP is top of casing at hole in pump base, 0.70 ft above lsd

highest water level 101.67 below lsd on 10-5-58, lowest 108.02 below lsd Aug 25-55
records available 1946- Water level below lsd

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1955		June 12	pumping				
Feb. 18	107.62	Oct 13	107.16				
June 26	107.01	1961					
Aug. 25	108.02	Jan 14	105.05				
1956		5-3	104.20				
Apr 7	106.68	9-16	109.15				
		9-26	109.02				
Oct 11	103.00	1962					
	102.53						
Dec 21	102.83	1-10	105.70				
1957							
	4-20 101.34	4-25	102.17				
	7-24 104.79						
1958							
Apr 17	99.94						
Dec 4	101.47						
1959							
June 12	pumping						
Sept 2	106.79						
1960							
Jan 18	103.92						

KLAM 50341 RECEIVED

Lo2652

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

JUL - 9 1996

(START CARD) # 83014

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

WATER RESOURCES DEPT.

SALEM, OREGON

(1) OWNER: Well Number II
Name Swan Lake Ranch
Address 19303 Hwy 140 E
City Dairy State OR Zip 97625

(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 216 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
20	0	67 1/2	cement	0	67 1/2	21
16	67 1/2	190				
12	190	216				

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: 16	41 1/2	67 1/2	2.50	<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"/>

(7) PERFORATIONS/SCREENS:

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

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

<input checked="" type="checkbox"/> Pump	<input type="checkbox"/> Bailer	<input type="checkbox"/> Air	<input type="checkbox"/> Flowing Artesian
Yield gal/min	Drawdown	Drill stem at	Time
2500	8'		1 hr

Temperature of water 56 Depth Artesian Flow Found _____
Was a water analysis done? No Yes By whom _____
Did any strata contain water not suitable for intended use? No Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Klamath Latitude _____ Longitude _____
Township 38S N or S Range 11 1/2E E or W. WM.
Section 28 3W 1/4 NW 1/4
Tax Lot 4500 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____
19303 Hwy 140E

(10) STATIC WATER LEVEL:
116 ft. below land surface. Date 6/20/96
Artesian pressure _____ lb. per square inch. Date _____

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

From	To	Estimated Flow Rate	SWL
164	216	2500	116

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Sandy topsoil	0	6	
Soft brn sandstone	6	36	
Brn sand stone & shale	36	47	
Brn sand stone	47	59	
Yellow clay	59	136	
Broken gry basalt	136	185	
Broken brn & gray basalt	185	216	

Date started 5/31/96 Completed 6/20/96

(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.
WWC Number 1228
Signed Larry L. Dalman Date 6/30/96

STATE OF OREGON
WATER WELL REPORT
 (as required by ORS 537.785)

KLAM
 50445

108646

(START CARD) # 22384

(1) OWNER: Well Number: 108646
 Name Jeld Wen inc
 Address P.O. Box 5079
 City Klamath Falls State Ore Zip 97601

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other

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

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 220 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Amount sacks or pounds
Diameter	From To	Material	From To	
	<u>85</u>	<u>220</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: <u>18"</u>	<u>1'</u>	<u>26'</u>	<u>250</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner: <u>12"</u>	<u>+6'</u>	<u>220'</u>	<u>188</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method Mills Knife
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
<u>80'</u>	<u>220'</u>	<u>3/16"</u>	<u>13/5"</u>	<u>12"</u>	<u>158 Pipe</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<u>1/32"</u>				<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailor Air Flowing Artesian
 Yield gal/min 1800 Drawdown 53' (126') Drill stem at 150' Time 4 hrs

Temperature of water 45° 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 Klamath Latitude _____ Longitude _____
 Township 37 N of S Range 10 E of W, WM.
 Section 19 SE 1/4 SW 1/4
 Tax Lot 3700 Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) End of Collman Rd.

(10) STATIC WATER LEVEL:
73' ft. below land surface. Date 8/9/96
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWI.
<u>118'</u>	<u>165'</u>		<u>73'</u>

(12) WELL LOG: Ground elevation Approx. 4230'

Material	From	To	SWI.
<u>dark grey - black hard packed cinders to softer layers of same</u>	<u>85'</u>	<u>220'</u>	<u>73'</u>

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SEP - 9 1996

WATER RESOURCES DEPT.
 SALEM, OREGON

Date started 6/17/96 Completed 8/9/96

(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 well construction standards. Materials used and information reported above are true to my best 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 well construction standards. This report is true to the best of my knowledge and belief.
 WWC Number 807
 Signed Clyde E. Thie Date 8/21/96

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SEP 11 1996

KLAM 50446

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

SEP 10 1996

(START CARD) #77960

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

(1) OWNER:

Name **JOHN M. VENABLE**
Address **19646 WEBBER RD.**
City **KLAMATH FALLS** State **OR** Zip **97603**

(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 **249**
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
10"	0	38	CEMT.	0	38	14 SKS
8"	38	46	BENT.			3 SKS
6"	46	249	OPEN			

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"	+2	46	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 4"	-3	249	PVC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) **NONE**

(7) PERFORATIONS/SCREENS:

Perforations Method **SAWCUT**
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
209	249	1/8x6	100	4"		<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Flowing Time
30		230	1 hr.

Temperature of water **62 F** Depth Artesian Flow Found **NONE**
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: **NONE**

(9) LOCATION OF WELL by legal description:

County **KLAMATH** Latitude _____ Longitude _____
Township **38 S** N or S Range **11.5 E** E or W. WM.
Section **30** SW 1/4 **SE** 1/4
Tax Lot **200** Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) **MITCHELL RD. DAIRY, OR**

(10) STATIC WATER LEVEL:

163 FT ft. below land surface. Date **09-05-96**
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found **208 FT.**

From	To	Estimated Flow Rate	SWL
208	251	55 GPM	163

(12) WELL LOG:

Ground Elevation **4150**

Material	From	To	SWL
BROWN CLAY & BOULDERS	0	1	
BLACK & BROWN LAVA ROCK	1	165	
FRACTURED GRAY ROCK	165	173	
BLACK & BROWN LAVA ROCK	173	208	
BLACK & BROWN LAVA ROCK	208		
& CINDERS		249	163

Date started **08-30-96** Completed **09-05-96**

(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 **1560**

Signed *T. Bue & Pinkard* Date **9-6-96**

(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 **777**

Signed *Stephen R. Heffner* Date **9-6-96**

KLAM 50493

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

Well # LO 1501 OCT 21 1996

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

(START CARD) # 41006 WATER RESOURCES DEPT.

(1) OWNER: RICHARD CZARAPATA Well Number #2 Address 3660 SWAN LAKE ROAD City Klamath Falls State OREGON Zip 97603

(2) TYPE OF WORK: [X] New Well [] Deepening [] Alteration (repair/recondition) [] Abandonment

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

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

(5) BORE HOLE CONSTRUCTION: Special Construction approval [] Yes [X] No Depth of Completed Well 206 ft. Explosives used [] Yes [X] No Type Amount

Table with columns: HOLE Diameter, From, To, SEAL Material, From, To, Sacks or pounds. Rows include cement and bentonite seal data.

How was seal placed: Method [X] A [] B [] C [] D [] E [X] Other 690-210-340 Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Rows for Casing and Liner.

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Material, Tele/pipe size, Casing, Liner.

(8) WELL TESTS: Minimum testing time is 1 hour. [X] Pump [] Bailer [X] Air [] Flowing [] Artesian. Yield 75 gal/min, Drawdown, Drill stem at 206, Time 1 hr.

Temperature of water 60 F 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 [X] Other FAN Depth of strata: 63 FT.

(9) LOCATION OF WELL by legal description: County Klamath Latitude Longitude Township 38S N or S Range 10E E or W. WM. Section 16 SE 1/4 SE 1/4 Tax Lot R 380 Lot 00000 Block 03301 Subdivision 1000 Street Address of Well (or nearest address) 3660 SWAN LAKE RD

(10) STATIC WATER LEVEL: 129 ft. below land surface. Date 10/11/96 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found 63 FT

Table with columns: From, To, Estimated Flow Rate, SWL. Row: 200, 206, 75 GPM

(12) WELL LOG: Ground Elevation

Table with columns: Material, From, To, SWL. Rows: BOULDERS of COBBLES & SANDY CLAY, YELLOW CLAY, BROWN CLAY, DECOMPOSED BLACK LAVA, GRAY CLAY, GRAY SHALE, BLACK LAVA, BLACK BITUM.

Date started 10/9/96 Completed 10/11/96 (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.

Signed WWC Number Date (bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction date 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 WWC Number 68 Date 10/14/96