

WATER WELL REPORT

STATE OF OREGON

RECEIVED

JAN 28 1981

State Well No. 325-36E-21 cc

WATER RESOURCES DEPT
SALEM, OREGON

State Permit No.

(1) OWNER:

Name **BUREAU OF LAND MANAGEMENT, BURNS DISTRICT**
Address **710 N.E. HOLLADAY**
City **PORTLAND** State **ORE 97208**

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Air ☒ Driven ☐
Rotary Mud ☐ Dug ☐
Cable ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☒
Irrigation ☐ Test Well ☐ Other ☐
Thermal: Withdrawal ☐ Reinjection ☐

(5) CASING INSTALLED:

Steel ☒ Plastic ☐
Threaded ☐ Welded ☐

6" Diam. from +1 ft. to 170 ft. Gauge 250
5" Diam. from 170 ft. to 220 ft. Gauge 250

LINER INSTALLED:

" Diam. from ft. to ft. Gauge

(6) PERFORATIONS:

Perforated? ☒ Yes ☐ No

Type of perforator used **TORCH**

Size of perforations 1/4 in. by 6 in.
360 perforations from 180 ft. to 220 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?

Yield: gal./min. with ft. drawdown after hrs.
" " " "

Air test gal./min. with drill stem at ft. hrs.

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

Artesian flow 60 g.p.m.

Temperature of water 65 Depth artesian flow encountered 210 ft.

(9) CONSTRUCTION:

Special standards: Yes ☐ No ☒

Well seal—Material used **CEMENT**

Well sealed from land surface to 20 ft.

Diameter of well bore to bottom of seal 12 in.

Diameter of well bore below seal 6 in.

Number of sacks of cement used in well seal 6 sacks

How was cement grout placed?

pressure grouted from bottom
(SEE ALSO ATTACHED LOG)

Was pump installed? ☒ NO Type HP Depth ft.

Was a drive shoe used? ☒ Yes ☐ No Plugs Size: location ft.

Did any strata contain unusable water? ☐ Yes ☒ No

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 **HARNEY** Driller's well number **8(a)-81-1-R**
SW 1/4 SW 1/4 Section 21 T. 32 S R. 36 E W.M.
Tax Lot # Lot Blk Subdivision

Address at well location: **10 miles northeast Alvord Ranch**

(11) WATER LEVEL: Completed well.

Depth at which water was first found 45 ft.

Static level 1 ft. below land surface. Date **1-14-81**

Artesian pressure **none at first water** per square inch. Date

(12) WELL LOG:

Diameter of well below casing 0

Depth drilled 220 ft. Depth of completed well 220 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 SAND & BROKEN ROCK	0	4	
LIGHT GREY CLAY & SAND	4	6	
DARK GREY CLAY	6	25	
SMALL GRAVEL, GREY & BLACK	25	35	
SMALL GRAVEL, GREY & BLACK	35	45	
SAND, BLACK, FINE, DARK GREY	45	121	
GRAVEL, SMALL BLACK SAND, LAVA RK	121	131	
LAVA ROCK, SAND GREY & DARK	131	171	
LAVA ROCK	171	181	
LAVA ROCK, MOSTLY GREEN	181	191	
SMALL LAVA ROCK (RED, GREEN & BLK)	191	201	
MED. LAVA ROCK (RED, GREEN & BLACK)	201	210	
MED. LAVA ROCK (MOSTLY RED)	210	212	
MED. LAVA ROCK, HARD RED CLAY	212	215	
LAVA ROCK, MED. (REDDISH BROWN)	215	220	

Work started 1-13 1981 Completed 1-22 19 81
Date well drilling machine moved off of well 1-22 19 81

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] **Thomas O. Flores** Date 1-26, 1981
(Drilling Machine Operator)

Drilling Machine Operator's License No. 978

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 **FLORES DRILLING & PUMP COMPANY**
(Person, firm or corporation) (Type or print)

Address **12143 RIVER RD. N.E., GERVAIS, ORE 97026**

[Signed] **Thomas O. Flores**
(Water Well Contractor)

Contractor's License No. 590 Date 1-26, 19 81

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.

SP*12658-690

WATER WELL REPORT

STATE OF OREGON

State Well No. 32s-36E-21cc

State Permit No.

PAGE 2

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" Diam. from ft. to ft. Gauge
" Diam. from ft. to ft. Gauge

LINER INSTALLED:

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MATERIAL	From	To	SWL
BLOW OUT PROTECTION AT TOP OF WELL			
DRILLED 12" HOLE TO 20 FEET			
DRILLED 8" HOLE TO 30 FEET			
INSTALLED 30' OF 8" CASING			
PRESSURE GROUTED 8"			
WELDED 8" THREADED NIPPEE AT TOP			
SELF SEALING PACKER WELDED ON TOP OF 5" CASING			
RECEIVED			
JAN 28 1981			
WATER RESOURCES DEPT			
SALEM, OREGON			

Work started 19 Completed 19
Date well drilling machine moved off of well 19

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