

WATER WELL REPORT
STATE OF OREGON

HARN 617

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NOV 6 1981

State Well No.
State Permit No.
WATER RESOURCES DEPT
SALEM, OREGON

(1) OWNER:

Name Joe Langenfeld
Address SR 2-53, Lane 12
City Burns 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 ☐ Domestic ☐ Industrial ☐ Municipal ☐
Rotary Mud ☐ Dug ☐ Irrigation ☒ Test Well ☐ Other ☐
☒ Bored ☐ Thermal: Withdrawal ☐ Reinjection ☐

(4) PROPOSED USE (check):

(5) CASING INSTALLED:

Steel ☒ Plastic ☐
Threaded ☐ Welded ☐
.....20" Diam. from2..... ft. to52..... ft. Gauge250
.....18" Diam. from10..... ft. to70..... ft. Gauge250

LINER INSTALLED:

.....14" Diam. from1..... ft. to112..... ft. Gauge250

(6) PERFORATIONS:

Perforated? ☒ Yes ☐ No

Type of perforator used machine sawed
Size of perforations 3/8 x 3in. by in.
.....2335..... perforations from52..... ft. to112..... 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? Driller
.....1050..... gal./min. with 58 ft. drawdown after 8 hrs.
.....
Air test gal./min. with drill stem at ft. hrs.
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water52..... Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes ☒ No ☐

Well seal—Material used Portland Cement #1/#2
Well sealed from land surface to52..... ft.
Diameter of well bore to bottom of seal24..... in.
Diameter of well bore below seal20..... in.
Number of sacks of cement used in well seal39..... sacks
How was cement grout placed? Pressure pumped

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? /Sodium depth of strata 19 to 48'
Method of sealing strata off 18" pipe pressure grouted
Was well gravel packed? ☒ Yes ☐ No Size of gravel: 1/4 - 1/10
Gravel placed from0..... ft. to105..... ft.

(10) LOCATION OF WELL:

County Harney Driller's well number 111
SE 1/4 SE 1/4 Section 33 T. 23SR 32E W.M.
Tax Lot # Lot Blk Subdivision

Address at well location: 44' N & 20' E of the NW corner of the SE 1/4 Section

(11) WATER LEVEL: Completed well.

Depth at which water was first found 19 ft.
Static level 32 ft. below land surface. Date 10-1-81
Artesian pressure None lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing .20"

Depth drilled 250 ft. Depth of completed well 250 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
Sandy topsoil	0	6	
Sandstone, Brown	6	19	
Light Blue Clay WB	19	36	32
Caving Brown Sand	36	48	
Blue Claystone	48	56	
Caving Brown Sand	56	60	
Blue Claystone	60	72	
Black Sand	72	105	
Blue Claystone	105	212	
Brown Sandstone	212	250	

We set 18" pipe inside of the 20" pipe, and beyond the 20" pipe and pressure grouted between them, to seal out the sodium water.

Work started 9-2-81 19 Completed 10-15 19 81
Date well drilling machine moved off of well 10-17 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] Bill Williams Date 10-17-81
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1231

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 Bill Williams' Well Drilling
(Person, firm or corporation) (Type or print)

Address P.O. Box 334 Redmond, Or.

[Signed] Bill Williams
(Water Well Contractor)

Contractor's License No. 782 Date 10-17, 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