

WATER WELL REPORT
STATE OF OREGON

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AUG 2 1982

State Well No. 248/322/11

WATER RESOURCES DEPT. State Permit No. _____
SALLEM, OREGON

Harney 916

(1) OWNER:

Name Warren Mathews
Address Star Route 2 134 Lane 15
City Burns, Oregon 97720 State _____

(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
Cased Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other
Thermal Withdrawal Reinjection

(5) CASING INSTALLED:

Steel Plastic
Threaded Welded
12" Diam. from 1.5 ft. to 213.5 ft. Gauge 250
" Diam. from _____ ft. to _____ ft. Gauge _____

LINER INSTALLED:

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

(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?
Air test 300 gal./min. with drill stem at 210 ft. 5 hrs.
Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m.
Temperature of water 57 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Special standards: Yes No

Well seal—Material used cement
Well sealed from land surface to _____ 35 ft.
Diameter of well bore to bottom of seal _____ 20 in.
Diameter of well bore below seal _____ 12 in.
Number of sacks of cement used in well seal _____ 26 sacks
How was cement grout placed? pumped through grout pipe + (2 yd) dead man on top
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? black sand silt depth of strata refer to log
Method of sealing strata off casing
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 _____
SE ¼ NE ¼ Section 11 T. 24S R. 32E W.M. _____
Tax Lot # _____ Lot _____ Blk _____ Subdivision _____
Address at well location: _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 35 ft.
Static level 30 ft. below land surface. Date 6/19/82
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 8"

Depth drilled 325 ft. Depth of completed well 215 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 soil	0	7	
brown clay	7	15	
sandy brown clay	15	25	
blue clay	25	51	
black sand fine	51	60	
blue clay	60	90	
black silt	70	90	
blue clay	90	112	
black sand	112	115	
blue clay	115	135	
black sand	135	138	
blue clay	138	146	
black sand	146	155	
blue clay	155	164	
black sand	164	169	
blue clay	169	176	
sand black	176	183	
blue clay	183	210	
cinders blk/blue	210	215	30
blue clay	215	230	
brown sand stone	230	312	
grey sandstone	312	325	

Work started 6/15/82 19 _____ Completed 6/19/82 19 _____
Date well drilling machine moved off of well 6/19/82 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] Johnny Z. Duff Date 7/29/82
(Drilling Machine Operator)
Drilling Machine Operator's License No. 1151

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 DALLAS DRILLING & PUMP CO. INC.
(Person, firm or corporation) (Type or print)
Address Payette, Idaho 83661
[Signed] Johnny Z. Duff
(Water Well Contractor)
Contractor's License No. 682 Date 7/19/82, 19 _____