

DESC
 5557

State Well No. 18/12-1bac
 State Permit No.

(1) OWNER:
 Name PAUL RAMSAY
 Address BEND 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
 Bored **(4) PROPOSED USE (check):** Domestic Industrial Municipal
 Irrigation Test Well Other

CASING INSTALLED: Threaded Welded
 6 5/8" Diam. from 0 ft. to 22 ft. Gage 250
 6 5/8" Diam. from 0 ft. to 719 ft. Gage 188

PERFORATIONS: Perforated? Yes No.
 Size of perforator used Trach
 80 perforations from 201 ft. to 719 ft.

(7) SCREENS: Well screen installed? Yes No
 Manufacturer's Name _____ Model No. _____
 Type _____
 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.
 Bailer test 5 gal./min. with NO ft. drawdown after 1 hrs.
 Discharge flow _____ g.p.m.
 Nature of water S Depth artesian flow encountered _____ ft.

CONSTRUCTION:
 Well seal—Material used CEMENT
 Well sealed from land surface to 22 ft.
 Diameter of well bore to bottom of seal 12 in.
 Diameter of well bore below seal 8 in.
 Number of sacks of cement used in well seal 7 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 DESE Driller's well number _____
 Section 1 T. 18 S. R. 12 E W.M.
 Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.
 Depth at which water was first found 695 ft.
 Static level 695 ft. below land surface. Date 6-8-71
 Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing To Bottom
 Depth drilled 719 ft. Depth of completed well 719 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
OVERBURDEN	0	3	
SANDSTONE	3	10	
SOFT LAVA	10	135	
RED CINDERS	135	144	
BOULDER CONE	144	390	
SOFT LAVA	390	487	
HARD LAVA	487	547	
SANDSTONE	547	602	
HARD LAVA	602	660	
SOFT LAVA	660	664	
SANDSTONE	664	695	
WATER BEARING (SAND)	695	715	695
SOFT LAVA	715	719	

Work started 4-15 1971 Completed 6-8 1971
 Date well drilling machine moved off of well 6-8 1971

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 Johnson Date 6-8, 1971
 (Drilling Machine Operator)
 Drilling Machine Operator's License No. 376

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 Cunningham Well Drilling
 (Person, firm or corporation) (Type of print)
 Address P.O. Box 104 Bend Ore.
 [Signed] Wm. W. Cunningham
 (Water Well Contractor)
 Contractor's License No. 474 Date 6/8, 1971