

KLAM  
519

State Well No. 28S/8E-5  
 State Permit No. \_\_\_\_\_

(1) OWNER:

Name BEAVER MARSH  
 Address OREGON STATE HIGHWAY DIVISION  
KLAMATH FALLS 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   
 Cable  Jetted   
 Dug  Bored

Domestic  Industrial  Municipal   
 Irrigation  Test Well  Other

CASING INSTALLED:

8 " Diam. from 1 1/2 ft. to 140 ft. Gage 277  
6 " Diam. from 0 ft. to 258 ft. Gage 188

PERFORATIONS: Perforated?  Yes  No.

Type of perforator used TORCH

Size of perforations 3/8 in. by 6 in.

68 perforations from 138 ft. to 156 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? Newton

Yield: 23 gal./min. with no ft. drawdown after 1 1/2 hrs.  
 " " " " " "  
 " " " " " "

Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Artesian flow \_\_\_\_\_ g.p.m.  
 Temperature of water 44 Depth artesian flow encountered \_\_\_\_\_ ft.

(9) CONSTRUCTION:

Well seal—Material used REDI MIX

Well sealed from land surface to 140 ft.  
 Diameter of well bore to bottom of seal 12 x 10 in.  
 Diameter of well bore below seal 8 in.  
 Number of sacks of cement used in well seal 3 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 \_\_\_\_\_

5 Section 5 T. 28S R. 8E W.M.

Bearing and distance from section or subdivision corner \_\_\_\_\_

(11) WATER LEVEL: Completed well.

Depth at which water was first found 240 ft.  
 Static level 203 1/2 ft. below land surface. Date 6-15-73  
 Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

(12) WELL LOG: Diameter of well below casing \_\_\_\_\_

Depth drilled 258 ft. Depth of completed well 258 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>PUMICE</u>	<u>0</u>	<u>54</u>	
<u>BOULDERS</u>	<u>54</u>	<u>56</u>	
<u>PUMICE</u>	<u>56</u>	<u>83</u>	
<u>BOULDERS</u>	<u>83</u>	<u>86</u>	
<u>PUMICE</u>	<u>86</u>	<u>129</u>	
<u>BASALT HARD</u>	<u>129</u>	<u>158</u>	<u>1</u>
<u>BROKEN BASALT</u>	<u>158</u>	<u>180</u>	
<u>Cemented back</u> <u>to 156</u>			
<u>Medium BASALT</u>	<u>180</u>	<u>240</u>	<u>203</u>
<u>CINDERS All colors</u>	<u>240</u>	<u>256</u>	<u>2</u>
<u>BASALT HARD</u>	<u>256</u>	<u>258</u>	

Work started 5-31 1973 Completed 6-15 1973  
 Date well drilling machine moved off of well 6-15 1973

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] Dick Akins Date 6-15, 1973  
 (Drilling Machine Operator)  
 Drilling Machine Operator's License No. 249

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 Dick Akins Well Drilling  
 (Person, firm or corporation) (Type or print)  
 Address P.O. Box #264 Prineville, Ore. 97754  
 [Signed] Dick Akins  
 (Water Well Contractor)  
 Contractor's License No. 260 Date 6-15, 1973