

WATER WELL REPORT
STATE OF OREGON

UMAT
2771

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JUN 15 1983

State Well No. 4N 29E-7cd

WATER RESOURCES DEPT.
SALEM, OREGON

State Permit No. _____

(1) OWNER:

Name Ken Brown
Address PO Box 566
City Hermiston State 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 Air Driven Domestic Industrial Municipal
Rotary Mud Dug Irrigation Test Well Other
 Bored Thermal: Withdrawal Reinjection

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other
Thermal: Withdrawal Reinjection

(5) CASING INSTALLED:

Steel Plastic
Threaded Welded

8" Diam. from 71 ft. to 59.5 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?
_____ gal./min. with _____ ft. drawdown after _____ hrs.
Air test 400 gal./min. with drill stem at 470 ft. 2 hrs.
Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m.
Temperature of water 56 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Special standards: Yes No

Well seal—Material used cement
Well sealed from land surface to 23 ft.
Diameter of well bore to bottom of seal 13 in.
Diameter of well bore below seal 8 in.
Number of sacks of cement used in well seal 17 sacks
How was cement grout placed? Remained

Was pump installed? _____ 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 umatilla Driller's well number _____
SE 1/4 SW 1/4 Section 7 T. 4N R. 29E W.M.
Tax Lot # _____ Lot _____ Blk _____ Subdivision _____
Address at well location: E Highland

(11) WATER LEVEL: Completed well.

Depth at which water was first found 235 ft.
Static level 235 ft. below land surface. Date _____
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing _____

Depth drilled 470 ft. Depth of completed well 5-26-83
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
Silt	0	13	
Clay & Gravel	13	43	
Clay	43	53	
Black Basalt	53	104	
Grey Basalt	104	128	
Brown Basalt	121	155	
Black Basalt	135	190	
Grey Basalt	190	200	
Brown Basalt	200	212	
Black Basalt	212	235	235
visicular Basalt with Brown	225		235
Clay		248	
visicular with blue clay	248	260	
Black Basalt	260	272	
Grey Basalt	292	302	
Black Basalt	302	395	
Grey Basalt	395	407	
Black Basalt	407	432	
visicular Basalt	432	445	
Black Basalt	445	470	

Work started 5-19 1983 Completed 5-26 1983
Date well drilling machine moved off of well 5-26 1983

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] S. E. Brown Date 5-27, 1983
(Drilling Machine Operator)

Drilling Machine Operator's License No. _____

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 Brown & Brown Drilling Co.
(Person, firm or corporation) (Type or print)

Address PO Box 124 Hermiston

[Signed] S. E. Brown
(Water Well Contractor)

Contractor's License No. _____ Date 5-27, 1983