

**WATER WELL REPORT**  
STATE OF OREGON

**RECEIVED RECEIVED**  
JUN 27 1985 AUG 6 1985

WATER RESOURCES DEPT. SALEM, OREGON  
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State Well No. 5N/28E-16d  
State Permit No. UMAT 3359

**(1) OWNER:**

Name Cross Roads Truck Stop  
Address \_\_\_\_\_  
City Umatilla 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   
Cable  Bored  Thermal: \_\_\_\_\_ Withdrawal  Reinjection

**(4) PROPOSED USE (check):**

\_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

**(5) CASING INSTALLED:**

Steel  Plastic   
Threaded  Welded   
8" Diam. from +1 ft. to 51 ft. Gauge 250  
\_\_\_\_\_ Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

**LINER INSTALLED:**

6" Diam. from -3 ft. to 240 ft. Gauge 160 PSI

**(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 75 gal./min. with drill stem at 303 ft. 2 hrs.  
Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow \_\_\_\_\_ g.p.m.  
Temperature of water 58° Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Special standards: Yes  No   
Well seal—Material used Cement  
Well sealed from land surface to 51 ft.  
Diameter of well bore to bottom of seal 8 1/2 in.  
Diameter of well bore below seal 8 in.  
Number of sacks of cement used in well seal 21 sacks  
How was cement grout placed? Pumped  
Cemented liner with packer at 120 ft. 8 sacks cement  
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 NE 1/4 Section 16 T. 5N R. 28E W.M.  
Tax Lot # \_\_\_\_\_ Lot \_\_\_\_\_ Blk \_\_\_\_\_ Subdivision \_\_\_\_\_  
Address at well location: \_\_\_\_\_

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found 25 ft.  
Static level 79 ft. below land surface. Date 6-21-85  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing 8"  
Depth drilled 303 ft. Depth of completed well 303 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
Silt	0	4	
Cement gravels	4	25	
sand & gravels	25	43	
Black Basalt	43	138	
Grey Basalt	138	161	
Blue Clay	161	233	
Uisicular Basalt	233	290	<u>99</u>
Red Cinder	290	303	<u>1</u>

Work started 8-15 19 85 Completed 6-21 19 85  
Date well drilling machine moved off of well 6-21 19 85

**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] J. E. Brown Date 6-21, 1985  
(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, Inc.  
(Person, firm or corporation) (Type or print)  
Address PO Box 124 Hermiston  
[Signed] J. E. Brown  
(Water Well Contractor)

Contractor's License No. \_\_\_\_\_ Date \_\_\_\_\_, 19 \_\_\_\_\_