

STATE ENGINEER
Salem, Oregon

HARN 1436
Well Record

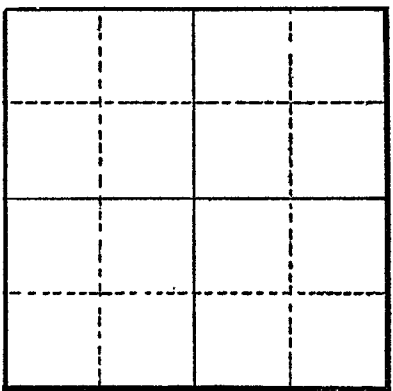
STATE WELL NO. 27/24-8F(1)
COUNTY Harney
APPLICATION NO.

Harn 1436

OWNER: W. A. Carr
MAILING ADDRESS:
CITY AND STATE:

LOCATION OF WELL: Owner's No.
SE 1/4 NW 1/4 Sec. 8 T. 27 N. S., R. 24 E. W.M.

Bearing and distance from section or subdivision corner



Section

Altitude at well 4727'

TYPE OF WELL: Drilled Date Constructed

Depth drilled 460 Depth cased 10

CASING RECORD:

4-inch

FINISH:

AQUIFERS:

Basalt

WATER LEVEL:

443

PUMPING EQUIPMENT: Type Piston H.P.
Capacity G.P.M.

WELL TESTS:

Drawdown ft. after hours G.P.M.
Drawdown ft. after hours G.P.M.

USE OF WATER Domestic, public supply Temp. °F., 19

SOURCE OF INFORMATION

DRILLER or DIGGER

ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

Hardness 40 ppm, chloride 7 ppm
Well yields steadily at 3 to 4 gpm; in Harney County at Wagontire

WELL I.D. # L _____

275/24E-500d

(1) LAND OWNER Name Tom Atwell Well Number _____
 Address _____
 City _____ State _____ Zip _____

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 490 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

How was seal placed: Method A B C D E
 Other _____

Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: <u>4"</u>	<u>0</u>	<u>10</u>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
 Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
 Yield gal/min _____ Drawdown _____ Drill stem at _____ Time _____
3-4 _____ _____ _____ 1 hr.

Temperature of water 63°F Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

(9) LOCATION OF WELL by legal description:
 County Harney Latitude _____ Longitude _____
 Township 27 N or S Range 24 E or W. WM.
 Section 5 SW 1/4 SW 1/4
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
4-3 ft. below land surface. Date Spring
 Artesian pressure _____ lb. per square inch Date 1948

(11) WATER BEARING ZONES:
 Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG: Ground Elevation 4,727 (1949 USGS site schedule)

Material	From	To	SWL
Previous owners: <u>Schaeffer</u>			
<u>Walter A. Carr</u>			
USGS site ID: <u>A31534119522001</u>			
<u>originally 452 ft deep, deepened to 490 ft in 1954</u>			
<u>Aquifer described in 1938 USGS site schedule: "revised lava"</u>			
<u>Also may be known as 275/24E-8F1</u>			
<u>windmill-powered pump was used for domestic and stock</u>			
<u>No observable decline from 1915 to 1938</u>			
<u>Specific Conductance = 140, pH = 7.4 (7/2/1979)</u>			
Date started _____ Completed <u>1915</u>			

SOURCE OF DATA/INFO USGS site schedules from 8/26/1938, 3/11/1949, and 7/2/1979, and USGS open-File Report 80-419

COMPILED BY: Halley Barnett

DATE: 12/8/2017