

The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT
SALEM, OREGON 97310
within 30 days from the date
of well completion.

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

WATER RESOURCES DEPT.
SALEM, OREGON

JAN 9 1981 State Well No.

155/125-9dd

DEC 10 1980

(1) OWNER:

WATER RESOURCES DEPT

Name Morgan Smith

SALEM, OREGON

Address P.O. Box 903

Redmond, OR 97756

(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):

ry ☒ Driven ☐ Domestic ☒ Industrial ☐ Municipal ☐
e ☐ Jetted ☐ Irrigation ☐ Test Well ☐ Other ☐
Dug ☐ Bored ☐

(5) CASING INSTALLED:

Threaded ☐ Welded ☒

6" Diam. from 0-1 ft. to 19 ft. Gage 250

5" Diam. from 0 ft. to 565 ft. Gage 138

" Diam. from ft. to ft. Gage

(6) PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used factory

Size of perforations 1/4 in. by 6 in.

180 perforations from 495 ft. to 555 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

as a pump test made? ☐ Yes ☒ No If yes, by whom?

Yield: 10 gal./min. with ft. drawdown after hrs.

" Back pressure on gauge 7 lbs. 20' off "

" bottom " " "

Miller test 20 gal./min. with 4 ft. drawdown after 2 hrs.

Artesian flow g.p.m.

Temperature of water 53 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used Portland Cement

Well sealed from land surface to 19 ft.

Diameter of well bore to bottom of seal 10 in.

Diameter of well bore below seal 8 in.

Number of sacks of cement used in well seal 6 sacks

How was cement grout placed?

pressure pumped

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 Deschutes Driller's well number

SE 1/4 SE 1/4 Section 9 T. 15S 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 535 ft.

Static level 535 ft. below land surface. Date 10-23-80

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8

Depth drilled 567 ft. Depth of completed well 565 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	2	
Black Lava	2	6	
Red Lava	6	18	
Gray Lava	18	61	
Red Lava	61	66	
Gray Lava	66	86	
Broken Black Lava	86	98	
Brown Sandstone	98	112	
Red and Black Lava	112	118	
Gray Lava - Hard	118	152	
Lost circulation	152		
			535
Back pressure 7 lbs. 20 ft. off the bottom		565	

Work started 10-7- 19 80 Completed 10-23 19 80

Date well drilling machine moved off of well 10-23- 19 80

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] Jon P. M. Date 10-29, 19 80

(Drilling Machine Operator)

Drilling Machine Operator's License No. 1421

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 Lewis & Clark Drilling Inc.

(Person, firm or corporation)

P.O. Box 583, Redmond, OR 97756

(Type or print)

Address

[Signed] Bob McE (Water Well Contractor)

Contractor's License No. 594 Date 11-18-80 19