

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

WATER WELL REPORT

DES 50
3614

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

RECEIVED

STATE OF OREGON
(Please type or print)

State Well No. 15S/12E-2300

State Permit No. G-9103

AUG 21 1979 (Do not write above this line)

well # 2

(1) OWNER: WATER RESOURCES DEPT

Name NEIL CHASE SALEM, OREGON
Address 1004 Cline Falls Rd. Star Rt.
Redmond, Oregon 97756

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

12 3/4" Diam. from 0 ft. to 25 ft. Gage 250
10" Diam. from 0 ft. to 330 ft. Gage 188

(6) PERFORATIONS:

Perforated? Yes No.

Type of perforator used Factory & torch

Size of perforations 3 X 1/8 in. by 6 X 1/8 in.
480 perforations from 250 ft. to 330 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.
Bailer test 200 gal./min. with 0 ft. drawdown after 4 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 25 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 15 in.
Number of sacks of cement used in well seal 21 sacks
How was cement grout placed?

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
NE 1/4 NE 1/4 Section 23 T. 15S R. 12E W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 307 ft.
Static level 157 ft. below land surface. Date 8-20-79
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 15

Depth drilled 330 ft. Depth of completed well 330 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
Boulders/cemented gravel	0	19	
Congl. hard gray lava	19	37	
Hard brwn lava	37	51	
Brwn lava fractured	51	58	
Red cinder w/seams of red lava	58	69	
Lava brwn fractured	69	89	
Firm yellow sandstone	89	97	
Hard blk lava	97	119	
Sandstone gray hard (graywackie)	119	123	
Hard blk lava	123	156	
Sandstone soft yellow	156	157	
Hard blk lava	157	184	
Firm brwn lava	184	212	
Clay, gravel, congl W/B	212	307	157
Brwn sandstone (firm)	307	330	

Work started 7-25-1979 Completed 8-20-1979
Date well drilling machine moved off of well 8-20-1979

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] *Jack McCoy* Date 8-20-1979
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1052

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 CO., INC.
(Person, firm or corporation) (Type or print)

Address P. O. BOX 583 Redmond, Or. 97756

[Signed] *Bob Mc...*
(Water Well Contractor)

Contractor's License No. 594 Date Aug. 20, 1979