

RECEIVED UMAT 1577
SEP 29 1958
STATE ENGINEER
SALEM, OREGON

OBSERVATION WELL

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UMAT 1577

WATER WELL REPORT G-2821
STATE OF OREGON

State Well No. 4N/27-34 (11)
 State Permit No. 61222

(1) OWNER:
 Name MARVIN M. McDOLE
 Address Route 1 Box 75
HERMISTON, ORE

(2) LOCATION OF WELL:
 County UMATILLA Owner's number, if any—2
NW 1/4 NW 1/4 Section 34 T. 4 N R. 21 E W.M.
 Bearing and distance from section or subdivision corner

Refer Engr's. Map submitted with application

(3) TYPE OF WORK (check):
 New Well Deepening Reconditioning Abandon
 Abandonment, describe material and procedure in Item 11.

PROPOSED USE (check):
 Domestic Industrial Municipal
 Irrigation Test Well Other

(5) TYPE OF WELL:
 Rotary Driven
 Cable Jetted
 Dug Bored

(6) CASING INSTALLED: Threaded Welded
12" Diam. from 0 ft. to 70 ft. Gage 3/8"
 " Diam. from _____ ft. to _____ ft. Gage _____
 " Diam. from _____ ft. to _____ ft. Gage _____

(7) PERFORATIONS: Perforated? Yes No
 Type of perforator used Internal Expanding Puncher
 SIZE of perforations 5/16 in. by 1 1/2 in.
440 perforations from 56' 6" ft. to 70 ft.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.

(8) 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.

(9) CONSTRUCTION:
 Was well gravel packed? Yes No Size of gravel: _____
 Gravel placed from _____ ft. to _____ ft.
 Was a surface seal provided? Yes No To what depth? _____ ft.
 Material used in seal—

Did any strata contain unusable water? Yes No
 Type of water? Clear Depth of strata 15'
 Method of sealing strata off Natural Bottom Seal-Clay

(10) WATER LEVELS:
 Static level 55' ft. below land surface Date MAY 15, 58
 Artesian pressure 0 lbs. per square inch Date _____

Log Accepted by: M. McDole
 [Signed] _____ Date Sept 24, 1958
 (Owner)

(11) WELL TESTS: Drawdown is amount water level is lowered below static level
 Was a pump test made? Yes No If yes, by whom? Owner
 Yield: 1100 gal./min. with 0 ft. drawdown after 2 hrs.
 " " " " " "
 " " " " " "
 " " " " " "
 Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Artesian flow _____ g.p.m. Date _____
 Temperature of water 65° Was a chemical analysis made? Yes No

(12) WELL LOG: Diameter of well 12 inches.
 Depth drilled 97 ft. Depth of completed well 97 ft.
 Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
<u>Silt Loam</u>	<u>0</u>	<u>6'</u>
<u>Grey Sand</u>	<u>6'</u>	<u>31'</u>
<u>Medium to small Gravel</u>	<u>31'</u>	<u>70'</u>
<u>Cemented brown Clay</u>	<u>70'</u>	<u>73'</u>
<u>White Clay - Soft</u>	<u>73'</u>	<u>85'</u>
<u>Hard brown Sandstone</u>	<u>85'</u>	<u>97'</u>

Work started March 9 1958 Completed May 17 1958

(13) PUMP: Manufacturer's Name Universal
 Type: Deep Well Turbine 30ft. H.P. 60

Well Driller's Statement:
 This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME MARVIN M. McDOLE
 (Person, firm, or corporation) (Type or print)

Address Rt 1 Box 75 - HERMISTON

Driller's well number _____

[Signed] M. McDole
 (Well Driller)

License No. None Date Sept 24, 1958

G-1222

*Umatilla
No. 11*

Water Level Record

OWNER: Martin McDole State OWNER'S NO. # 28

Description of measuring point: Top of casing at LSD

9/27-33H

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
8-10-66	53.80	J. Haines <u>Elect Tape</u>	5-29-68	63.0	J. Haines
7-12-67	61.32	WSB	6-5-68	63.1	"
7-19-67	61.34	WSB	6-12-68	63.1	"
- 7-26-67	62.00	J. Haines	6-14-68	63.3	"
8-16-67	62.12	"	6-26-68	63.4	"
8-23-67	62.34	"	7-3-68	63.3	"
8-30-67	62.32	"	7-10-68	63.3	"
9-6-67	61.85	"	7-17-68	62.9	"
9-11-67	61.70	"	7-24-68	62.9	"
4-16-68	61.80	WSB	9-24-68	62.8	Voiled Recorder
4-19-68	61.95	J. Haines	7-17-68 1-17-69	62.8	J. Haines
4-23-68	62.25	"			
4-25-68	62.4	"			
5-1-68	62.34	"			
5-8-68	62.6	"			
5-9-68	62.8	"			
5-15-68	62.6	"			
5-22-68	63.0	"			

REMARKS: _____

