

RECEIVED
MAY 16 1963
STATE ENGINEER
SALEM, OREGON

OBSERVATION WELL
MALH 2501
WATER WELL REPORT
STATE OF OREGON

State Well No. 41/43-23 D(1)

State Permit No. 2501

(1) OWNER:

Name Jeanne Nougue and John P. Nougue
Address McDermitt, Nevada (Malheur Ore.)

(2) LOCATION OF WELL:

County Malheur Owner's number, if any—
Lot 4 1/4 Section 23 T. 41S R. 43E W.M.
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
Abandonment, describe material and procedure in Item 11.

(4) 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 ☒

18" Diam. from 0 ft. to 295 ft. Gage 1/4
14" Diam. from 295 ft. to 830 ft. Gage 1/4
" Diam. from _____ ft. to _____ ft. Gage _____

(7) PERFORATIONS:

Perforated? ☒ Yes ☐ No

Type of perforator used Factory
SIZE of perforations 1 in. by 1/4 in.
perforations from 110 ft. to 830 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. _____
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: 1 to 2 in.
Gravel placed from 0 ft. to 830 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? _____ Depth of strata _____
Method of sealing strata off _____

(10) WATER LEVELS:

Static level 193 ft. below land surface Date 2/27/63
Artesian pressure _____ lbs. per square inch Date _____

Log Accepted by:

[Signed] _____ Date _____, 19____
(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? Layne & Bow
Yield: 1170 gal./min. with 151 ft. drawdown after 11 hrs.

" " " "
" " " "
" " " "

Ballor test gal./min. with _____ ft. drawdown after _____ hrs.

Artesian flow _____ g.p.m. Date _____

Temperature of water 60 Was a chemical analysis made? ☐ Yes ☒ No

(12) WELL LOG:

Diameter of well 18 to 12 inches.

Depth drilled 1225 ft. Depth of completed well 1225 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
Top soil Gravel Clay	0	16
Sand and Gravel	16	28
Cement Gravel	28	80
Sand and Gravel	80	110
Cement Gravel and Boulders	110	140
Gravel and Sand	140	165
Sand, Gravel, Clay	165	223
Sand, Gravel, and Small Boul	223	275
Gravel and Boulders	275	295
Water Sand	295	310
Rock	310	317
Water Sand	317	345
Sand, thin clay streak, gravel	345	460
Sand, Gravel, Boulders	460	490
Sand, Gravel, streak of clay	490	545
Gravel, Streak of clay	545	634
Sandy clay, Gravel	634	680
Sand	680	700
Gravel and Clay	700	730
Sandy Clay	730	761
Sand and Blue clay	761	792
Blue Shale	792	875

Work started Feb. _____ 19 60 Completed Feb. 20 1963

(13) PUMP:

Manufacturer's Name Layne & Bowler
Type: Turbine H.P. 125 Elect.

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 John P. Nougue
(Person, firm, or corporation) (Type or print)

Address McDermitt, Nev

Driller's well number _____

[Signed] _____
(Well Driller)

License No. _____ Date _____, 19____