

WATER WELL REPORT

Application No. 2632

STATE OF WASHINGTON

Permit No. 8861

(1) OWNER: Name Joe McDole Address McDole Farms, NE Touchet, Washington

LOCATION OF WELL: County Walla Walla — NW 1/4 SE 1/4 Sec. 31 T. 7.N., R. 33E. W.M.

and distance from section or subdivision corner

PROPOSED USE: Domestic Industrial Municipal
Irrigation Test Well Other

(4) TYPE OF WORK: Owner's number of well (if more than one)
New well Method: Dug Bored
Deepened Cable Driven
Reconditioned Rotary Jetted

(5) DIMENSIONS: Diameter of well 14 inches.
Drilled 510 ft. Depth of completed well 873 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 14" Diam. from 0 ft. to 81 ft.
Threaded " Diam. from ft. to ft.
Welded " Diam. from ft. to ft.

Perforations: Yes No
Type of perforator used
SIZE of perforations in. by in.
..... perforations from ft. to ft.
..... perforations from ft. to ft.
..... perforations from ft. to ft.

Screens: Yes No
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes No Size of gravel:
Gravel placed from ft. to ft.

Surface seal: Yes No To what depth? 81 ft.
Material used in seal cement
Did any strata contain unusable water? Yes No
Type of water? Depth of strata
Method of sealing strata off

(7) PUMP: Manufacturer's Name
Type: HP

(8) WATER LEVELS: Land-surface elevation above mean sea level ft.
Static level 110 ft. below top of well Date 3/6/74
Artesian pressure lbs. per square inch Date
Artesian water is controlled by (Cap. valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom? see below
Yield: gal./min. with ft. drawdown after hrs.
" Pump test made by LAD IRRIGATION, NE "
" of Moses Lake, Wash. They have information. "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

| Time | Water Level | Time | Water Level | Time | Water Level |
|------|-------------|------|-------------|------|-------------|
| | | | | | |

Time of test 3/15/74
test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes No

(10) WELL LOG: 7/33E-31K

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 |
|---|---------------|---------------|
| Loess | 0 | 50 |
| Upper Yakima basalt? | 50 | 65 |
| Basalt, low potassium; | 50 | 65 |
| Basalt, high potassium | 65 | 110 |
| Middle Yakima basalt | | |
| Basalt, vesicular flow top | 110 | 130 |
| Basalt, grayish-black, few plagioclase Phenoclysts to 1 mm. | 130 | 210 |
| Basalt, fine-grained | 210 | 260 |
| Basalt, in a series of thin flows & flow units from 10 to 25 ft. thick | 260 | 410 |
| Basalt, porphyritic, may be top of Frenchman Springs and Roza part of the basalt of the section | 260 | 290 |
| Basalt, vesicular, some plagioclase laths up to 1 mm. | 290 | 325 |
| Basalt, vesicular, porphyritic, with plagioclase phenoclysts | 325 | 340 |
| Basalt, vesicular, fine-grained | 340 | 375 |
| Basalt, fine-grained, mixed with orange bentonitic interbed material | 375 | 410 |
| Basalt, vesicular, flow top | 410 | 411 |
| Basalt, hard | 411 | 455 |
| Basalt, vesicular, flow top | 455 | 470 |
| Basalt, hard, gray | 470 | 515 |
| Basalt, vesicular, flow top | 515 | 516 |
| Basalt, relatively non-porous | 516 | 640 |
| Basalt, possible contact, scattered vesicles | 640 | 655 |
| Basalt, porphyritic, plagioclase phenoclysts to 3 mm. | 655 | 760 |
| Basalt, alternation porous & non-porous layers | 760 | 820 |
| Basalt, non-porous, fine-grained | 820 | 865 |
| Basalt, scoriaceous | 865 | 873 |

Work started Dec. 1, 1973 Completed Feb. 25, 1974

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 A & W DEEP-WELL DRILLING, INC.
(Person, firm, or corporation) (Type or print)

Address 2033 3RD A. N., LEWISTON, IDAHO 83401

[Signed] James P. Neiler
(Well Driller)

License No. 0254 Date June 1, 1974

40944

7/33-31K