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# WATER WELL DRILLERS REPORT
STATE OF OREGON KLAM 12813

Do Not Fill In — State Well No. 39/9-34E
State Permit No.

## (1) OWNER: SALEM, OREGON
Name U.S.A.F. Housing Project Test Well
Address 498th Fighter Group, Klamath Falls, Municipal Airport, Klamath Falls, Ore.

## (2) LOCATION OF WELL:
County Klamath — Owner's number, if any— I
R. F. D. or Street No.
Bearing and distance from section or subdivision corner
N52°E 825' -from West ¼ Corner
See attached schedule Sect. 34
T39S R9E

## (3) TYPE OF WORK (check):
[redacted] well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 11.

## (4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☒ Other ☐

## (5) EQUIPMENT:
Rotary ☐
Cable ☒
Dug Well ☐

## (6) CASING INSTALLED:
Threaded ☒ Welded ☒

| FROM | ft. to | ft. | Diam. | Gage or Wall |
|---|---|---|---|---|
| 0 ft. | 214 ft. | | 2" | " |
| "8" Std. T.C. | | | " | " |
| 214 ft. | 2" to | 416' | 10" | " |
| "8" I.D. x | ¼" Wall | | " | " |
| " | " | " | " | " |

If gravel packed

| Diameter of Bore | from ft. | to ft. |
|---|---|---|
| | " | " |
| | " | " |
| | " | " |
| | " | " |
| | " | " |

Type and size of shoe or well ring 5/8X 5" Size of gravel:
Describe joint Welded

## (7) PERFORATIONS:
Type of perforator used None
SIZE of perforations in., length, by in.

| FROM | ft. to | ft. | perf per foot | No. of rows |
|---|---|---|---|---|
| [redacted] | " | " | " " " | " " " |
| | " | " | " " " | " " " |
| " | " | " | " " " | " " " |
| " | " | " | " " " | " " " |

### SCREENS:
Give Manufacturer's Name, Model No. and Size
[redacted]

## (8) CONSTRUCTION:
Was a surface sanitary seal provided? ☒ Yes ☐ No To what depth ft.
Were any strata sealed against pollution? ☒ Yes ☐ No
If yes, note depth of strata cased

| FROM | | ft. to | | ft. |
|---|---|---|---|---|
| 0 | " | 417 | " | ft. |
| " | " | | " | |

METHOD OF SEALING 12 sacks of Cement

## (9) WATER LEVELS:
Depth at which water was first found 135 ft.
Standing level before perforating ft.
Standing level after perforating ft.

Log Accepted by:
[Signed] George R. Thayer (Owner) Dated 31 Oct, 1956

## (10) WELL TESTS: Interstate Pump Co.
Was a pump test made? ☒ Yes ☐ No If yes, by whom Klamath Falls
Yield: 240 gal./min. with 14" ft. draw down after 24 hrs.
" " " "
" " " "
Artesian flow ..... g.p.m.
Shut-in pressure ..... lbs. per square inch.
Bailer test ..... g.p.m. with ..... ft. drawdown
Temperature of water 88° Was a chemical analysis made? ☐ Yes ☐ No
Was electric log made of well? ☐ Yes ☐ No

## (11) WELL LOG:
Diameter of well, 8 inches. I.D.
Total depth 500 ft. Depth of completed well 500 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.*

| | | | | |
|---|---|---|---|---|
| 0 | ft. to | 1 | ft. | Top soil |
| 1 | " | 52 | " | Yellow Shale |
| 52 | " | 94 | " | Burnd Lava (cemented) |
| 94 | " | 101 | " | Black Lava (dense) |
| 101 | " | 118 | " | Red Lava |
| 118 | " | 124 | " | Basaltic Boulders |
| 124 | " | 146 | " | Burnt Lava |
| 146 | " | 246 | " | Bank Sand |
| 246 | " | 291 | " | Shale |
| 291 | " | 303 | " | Black Lava |
| 303 | " | 332 | " | Grey Shale (hard) |
| 332 | " | 340 | " | Blue Shale |
| 340 | " | 386 | " | Clay & Shale |
| 386 | " | 410 | " | Hard Grey Shale |
| 410 | " | 447 | " | Dense Black Lava |
| 447 | " | 473 | " | Very Hard Blue Basalt |
| 473 | " | 488 | " | Black Porous Lava |
| " | | " | | (Water Bearing) |
| 488 | " | 500 | " | Red Cinders Lava |
| " | | " | | |
| " | | " | | |
| " | | " | | |
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| " | | " | | |
| " | | " | | |
| " | | " | | |

Ground elevation at well site 4200 feet above mean sea level.
Work started Aug 21 1956. Completed Oct 27 1956

**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 Chas. E. & Kenneth L. Hartley
(Person, firm, or corporation) (Typed or printed)
Address 4779 ½ South Sixth Street
Driller's well number [redacted]
[Signed] Chas. E. Hartley Kenneth L. Hartley (Well Driller)
License No. 145 & 161 Dated Oct. 31, 1956.