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HARN 52244

Application No. U 134
Permit No. U 126
Well No. 1

24 1941
ENGINEER
OREGON

REPORT ON COMPLETION OF WELL

(Note: This report should be submitted to the State Engineer, Salem, Oregon, as soon as possible after the well is completed. If more than one well is covered by this permit, a separate report shall be filed for each)

Date of Report _____, 1936

1. Location of well: NW 1/4 of NE 1/4 of Section 1 Twp. 23 S Rge. 30 E, W. M.
2. Name of nearest natural surface stream Silvies River
3. Distance from well to that stream: _____ feet.
4. If the well is less than 1300 feet from a natural surface stream, give the difference in elevation between the ground surface at the well and the lowest point in stream channel: --- feet.
5. Date of beginning drilling or digging June 27, 1936.
6. Date well was completed August 31, 1936.

7. LOG OF MATERIALS ENCOUNTERED

Character of Material	Depth at which encountered	Thickness of stratum
Top Soil, Sub-soil (Clayey)	At surface	15 ft.
Lava Rock (Hard, not cinders)	15 ft.	55 ft.
Granite decomposed	70 ft.	16 ft.
" and Clay	86 ft.	16 ft.
Porous Lava and Pumice	102 ft.	12 ft.
Granite decomposed, coarse to medium	114 ft.	101 ft.
Porphyry and red cinders	215 ft.	5 ft.
Pure red cinders, loose	220 ft.	32 ft.
(Bottom)	ft.	ft.

Remarks: First water, 9 ft. Second water, 61 ft. Third Water, 252 ft.
Cased to bottom: Perforated below 61 ft.

WELL INFORMATION

8. Diameter of well 10 inches. Depth of well 252 feet.
9. Depth at which water was first encountered 9 feet.
10. Water level when completed: 21 feet below ground surface.
11. Additional information regarding well; such as soil conditions, quick sand, caves, obstructions, rock, etc.: _____

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PUMP INFORMATION

12. Manufacturer of pump: Pomona Pump Company
13. Address: Pomona, California.
14. Data on name or base plate: Type H-4-H, #314 Rt. Ball bearing thrust bearing in oil. Turbine pump, water lubricated. Pump Serial #P-23.
15. Data on pump bowl assembly: Length 3 Ft. Max. outside diam. 9-3/8"
16. Size of pump: 10-inch
17. Rated capacity: 750 gallons per minute.
18. Rated speed: 1760 revolutions per minute.
19. Number of stages: 4
20. Size of intake pipe: 7-in O.D.
21. Size of discharge pipe: 8-in. I.D.
22. Length of intake pipe: 10-ft.
23. Length of discharge pipe: 6 ft. (for irrig.) 366-ft. (for domestic use)
24. Suction lift: (difference in elevation between water surface in well and pump)
Impellers submerged
25. Discharge lift: (difference in elevation between pump and end of discharge line)
80 ft.
26. Depth of pump intake below ground surface: 90 feet.
27. Remarks: _____

MOTOR OR ENGINE INFORMATION

28. Name of manufacturer: Westinghouse
29. Address: _____
30. Type of motor or engine: Vertical, Line start-Squirrel Cage - Induction motor built into undrive head.
31. Data on name or base plate: 25 H.P., - 3 phase - 60 cycle, 220-440 volts, 60-30 Amps. at terminal, 1765 R.P.M. at full load, 50 cycles - 1470 R.P.M. at full load, Line start type "CS" Induction motor, Style 101601 - Serial L 52 N.
32. Rated horsepower: 25
33. Rated speed of motor or engine: 1765 revolutions per minute.

34. Rated Capacity of Pump
(with described motor)

<u>750</u>	<u>g.p.m. at</u>	<u>84</u>	<u>ft. head</u>
<u>500</u>	<u>g.p.m. at</u>	<u>150</u>	<u>ft. head</u>
	<u>g.p.m. at</u>		<u>ft. head</u>
	<u>g.p.m. at</u>		<u>ft. head</u>
	<u>g.p.m. at</u>		<u>ft. head</u>

35. Remarks: _____

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UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS

IRRIGATION SERVICE
647 Phelan Building
San Francisco, California
March 21, 1941

RECEIVED
MAR 24 1941
STATE ENGINEER
SALEM, OREGON

Mr. Chas. E. Stricklin,
State Engineer,
Salem, Oregon.

Dear Sir:

Enclosed are the following reports relating to application
No. U-134; Permit No. U-126:

Report on Completion of Well
Pump Information
Capacity Test
Form B - Completion of Construction

These reports refer to the well and pumping equipment at
the Indian village near Burns, Oregon.

Very truly yours,

E. C. Fortier

E. C. Fortier,
District Engineer.

Encls.