

RECEIVED

UMAT 57335
UMAT

6N/34W-14F(1)
UMATILLA
6N/34-14F(1)

18 1949

ENGINEER
STATE OF OREGON

Application No. U 225
Permit No. U 203
Well No. _____

Owner: Hellberg, OJ
Umapine, OR

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 Feb 14, 1949

1. Location of well: Lot 2 of Section 14 Twp. 6 Rge. 34, W. M.
2. Name of nearest natural surface stream Middle Mud Creek
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 Jan 10 1947
6. Date well was completed Feb 1 1947

LOG OF MATERIALS ENCOUNTERED

Character of Material	Depth at which encountered	Thickness of stratum
<u>Dashed well steel casing</u>	At surface	ft.
	ft. ft.	ft.
	<u>8 ft.</u>	ft.
	<u>Hardpan 2 ft.</u>	ft.
	<u>quick sand 92 ft.</u>	92 ft.
	<u>gravel 45 ft.</u>	ft.
	ft.	ft.
	ft.	ft.

Remarks: well is drilled 92 ft deep water first struck at 45 ft, after well was completed water raised within 16 ft of the top

WELL INFORMATION

8. Diameter of well 8 inches. Depth of well 87 feet.
9. Depth at which water was first encountered 45 feet.
10. Water level when completed: 16 feet below ground surface.
11. Additional information regarding well; such as soil conditions, quick sand, caves, obstructions, rock, etc.: The top 8 ft of well was dirt then a 7 ft layer of hardpan then down to 45 ft it was a kind of quick sand then after that it was heavier sand and gravel the rest of the way

RECEIVED
AUG 18 1949
STATE ENGINEER
SALEM, OREGON

UMAT 57335

6N/34-14F(1)
6N/34-14F(1)
UMATILLA

PUMP INFORMATION

Peerless Pump Division
Food Machinery & Chemical Corp. Los Angeles 31, Calif.

12. Manufacturer of pump: _____
13. Address: Los Angeles 31, Calif.
14. Data on name or base plate: Peerless Mototurbo with 12-A head
Turbine
15. Data on pump bowl assembly: 9 stage 8" MA bowl assembly
16. Size of pump: 416 gpm at 55 lb discharge pressure 25 Horse Power motor
17. Rated capacity: 416 gpm gallons per minute.
18. Rated speed: 1750 revolutions per minute.
19. Number of stages: 9
20. Size of intake pipe; 8" x 10 ft with strainer
21. Size of discharge pipe: One 6" and one 4" pipe
22. Length of intake pipe: 10'
23. Length of discharge pipe: Supplies 1/4 mile sprinkler main line each way
24. Suction lift: (difference in elevation between water surface in well and pump) 40 ft.
25. Discharge lift: (difference in elevation between pump and end of discharge line) 30 ft.
26. Depth of pump intake below ground surface: 50 ft feet.
27. Remarks: This turbine was installed in 1948 to supply a sprinkler with two main lines, each running one quarter mile from turbine

MOTOR OR ENGINE INFORMATION

28. Name of manufacturer: Peerless Pump Division
29. Address: Los Angeles, Calif.
30. Type of motor or engine: 25 HP, vertical shaft, 3 phase, 60 cycle
31. Data on name or base plate: no date visible
32. Rated horsepower: 25
33. Rated speed of motor or engine: 1750 revolutions per minute.
34. Rated Capacity of Pump
(with described motor)
- | | | | |
|------------|-----------|------------|----------|
| <u>416</u> | g.p.m. at | <u>197</u> | ft. head |
| | g.p.m. at | | ft. head |
| | g.p.m. at | | ft. head |
| | g.p.m. at | | ft. head |
| | g.p.m. at | | ft. head |
35. Remarks: All Engineering by R.M. Wade of Portland, Oregon

