

W.R. Murphy

Application No. U 496  
 Permit No. U 496  
 Well No. \_\_\_\_\_

543

RECEIVED  
 OCT 5 1956  
 STATE ENGINEER  
 SALEM, 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 OCT 4, 1956

1. Location of well: NE<sup>4</sup> of SW<sup>4</sup> of Section 20 Twp. 6 Rge. 35 S.W. M.
2. Name of nearest natural surface stream: South Mud Creek.
3. Distance from well to that stream: 440' 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: 10' feet.
5. Date of beginning drilling or digging: OCT 1, 1951
6. Date well was completed: Nov 30, 1951

LOG OF MATERIALS ENCOUNTERED

Character of Material	Depth at which encountered	Thickness of stratum
	At surface	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.

Remarks: \_\_\_\_\_

WELL INFORMATION

8. Diameter of well 10" inches. Depth of well 320 feet.
9. Depth at which water was first encountered 15' feet.
10. Water level when completed: 15' feet below ground surface.
11. Additional information regarding well; such as soil conditions, quick sand, caves, obstructions, rock, etc.: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

PUMP INFORMATION

- 12. Manufacturer of pump: Peerless pumps
- 13. Address: Los Angeles California
- 14. Data on name or base plate: Serial Number 15377A

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- 15. Data on pump bowl assembly: None

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- 16. Size of pump: 2.0 Horsepower
- 17. Rated capacity: 300 gallons per minute.
- 18. Rated speed: 1750 revolutions per minute.
- 19. Number of stages: 7
- 20. Size of intake pipe: 5"
- 21. Size of discharge pipe: 4"
- 22. Length of intake pipe: 147'
- 23. Length of discharge pipe: 8'
- 24. Suction lift: (difference in elevation between water surface in well and pump) 15'
- 25. Discharge lift: (difference in elevation between pump and end of discharge line) 0
- 26. Depth of pump intake below ground surface: 147' feet.
- 27. Remarks: turbine type pump.

MOTOR OR ENGINE INFORMATION

- 28. Name of manufacturer: U.S. Electrical Motors Inc.
- 29. Address: Los Angeles, California
- 30. Type of motor or engine: Electric turbine

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- 31. Data on name or base plate: Type C F.U.H. serial 893790  
50°C at 40°C. Rating  
B. Design  
25-25 amperes  
50-50

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- 32. Rated horsepower: 2.0
- 33. Rated speed of motor or engine: 1500-1800 revolutions per minute.

34. Rated Capacity of Pump (with described motor)	<u>300</u> g.p.m. at <u>235</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: \_\_\_\_\_

CAPACITY TEST

36. Date of test: Nov 28 37. Temperature of water \_\_\_°F. or \_\_\_°C.  
 38. Motor speed during test: \_\_\_\_\_  
 39. Test made by (weir, tank or other means): office

Pounds pressure	TOTAL HEAD	*Total lift in feet	Gallons per min.	°Feet to water level	Draw-down	+Time
___ lbs.	Gauge at pump	Total ___ ft. ___ in.		___ ft.	___ ft.	___ M.
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\* Difference in elevation between water level in well and outlet of pump test line.  
 ° Distance from ground level to water surface in well.  
 □ Distance water level is lowered during time interval.  
 + Hour and minute at which observation was made.

41. Installation will work efficiently under normal head of 300 ft.  
 42. Water is discharged into: sprinkler system  
 43. Was water lowered to pump intake by test? Yes.  
 44. Remarks: test pump run w/leaker

GENERAL INFORMATION

45. Name of contractor or other party who drilled or dug well: Harding Bros  
 Address: Walla Walla, Wash.  
 46. Pump and motor were installed by: White Bros Co.  
 Address: Walla Walla, Wash.  
 47. Capacity test was made by: Harding Bros.  
 Address: Walla Walla, Wash.  
 48. General remarks: \_\_\_\_\_