

UMAT
4589

6N/35-25 M/11
UMATILLA

Application No. U 133
Permit No. U 125
Well No. _____

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 October 7, 19 48

1. Location of well: S. 2 NW 1/4 (Lot 4 opp) of Section 25 Twp. 6N Rge. 35, W. M.
2. Name of nearest natural surface stream Walla Walla Irrigation Ditch
3. Distance from well to that stream: 40 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: 6 feet.
5. Date of beginning drilling or digging Aug. 1943
6. Date well was completed Sept., 1943

7. LOG OF MATERIALS ENCOUNTERED

Character of Material	Depth at which encountered	Thickness of stratum
	At surface	ft.
<u>Unknown</u>	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.

Remarks: This place and well was bought from Arlington Hull in 1944.
As he is living in Spokane at this time, the above information
is not available to me.

WELL INFORMATION

8. Diameter of well 48 inches. Depth of well 70 feet.
9. Depth at which water was first encountered Unknown feet.
10. Water level when completed: 20 feet below ground surface.
11. Additional information regarding well; such as soil conditions, quick sand, caves, obstructions, rock, etc.: A gopher caused a cave in in 1945,
at which time the well was cleaned out and cement side walls
were put in.

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6/1/35 - 25M(1)
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PUMP INFORMATION

- 12. Manufacturer of pump: Pump, Pipe, & Power Co.
- 13. Address: Portland, Oregon
- 14. Data on name or base plate: See above Electric Co. Darby Ohio
- 15. Data on pump bowl assembly: _____
- 16. Size of pump: 5 H.P.
- 17. Rated capacity: 100 gallons per minute.
- 18. Rated speed: 3400 revolutions per minute.
- 19. Number of stages: _____
- 20. Size of intake pipe: 2 1/2 inches
- 21. Size of discharge pipe: 4 inches
- 22. Length of intake pipe: 20 Ft.
- 23. Length of discharge pipe: 450 ft.
- 24. Suction lift: (difference in elevation between water surface in well and pump) 10 ft.
- 25. Discharge lift: (difference in elevation between pump and end of discharge line) 20 ft
- 26. Depth of pump intake below ground surface: 30 Ft. feet.
- 27. Remarks: _____

MOTOR OR ENGINE INFORMATION

- 28. Name of manufacturer: Master Motor Electric Co.
- 29. Address: Dayton, Ohio
- 30. Type of motor or engine: Master
- 31. Data on name or base plate: 5817
- 32. Rated horsepower: 5
- 33. Rated speed of motor or engine: 3400 revolutions per minute.
- 34. Rated Capacity of Pump (with described motor)

100	g.p.m. at	30	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: _____

6N/35-25M(1)
UMATILLA CO.

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CAPACITY TEST

36. Date of test: Unknown 37. Temperature of water °F. or °C.
 38. Motor speed during test:
 39. Test made by (weir, tank or other means): Water pumped out on ground

Pounds pressure	TOTAL HEAD	*Total lift in feet	Gallons per min.	°Feet to water level	□ Draw-down	+Time
lbs., Gauge at pump	Total	35 ft. in.	100	20 ft.	2 ft.	1440 M.
lbs., Gauge at pump	Total	ft. in.		ft.	ft.	M.
lbs., Gauge at pump	Total	ft. in.		ft.	ft.	M.
lbs., Gauge at pump	Total	ft. in.		ft.	ft.	M.
lbs., Gauge at pump	Total	ft. in.		ft.	ft.	M.
lbs., Gauge at pump	Total	ft. in.		ft.	ft.	M.
lbs., Gauge at pump	Total	ft. in.		ft.	ft.	M.
lbs., Gauge at pump	Total	ft. in.		ft.	ft.	M.
lbs., Gauge at pump	Total	ft. in.		ft.	ft.	M.
lbs., Gauge at pump	Total	ft. in.		ft.	ft.	M.
lbs., Gauge at pump	Total	ft. in.		ft.	ft.	M.
lbs., Gauge at pump	Total	ft. in.		ft.	ft.	M.
lbs., Gauge at pump	Total	ft. in.		ft.	ft.	M.
lbs., Gauge at pump	Total	ft. in.		ft.	ft.	M.
lbs., Gauge at pump	Total	ft. in.		ft.	ft.	M.
lbs., Gauge at pump	Total	ft. in.		ft.	ft.	M.

* 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 27 ft.
 42. Water is discharged into: pipe line
 43. Was water lowered to pump intake by test? no
 44. Remarks: Unable to lower water line more than the first two feet. At end of season, there may be difference of 10 ft. in water level.

GENERAL INFORMATION

45. Name of contractor or other party who drilled or dug well: Cornealson
 Address: Unknown
 46. Pump and motor were installed by: Self
 Address: Freewater, Oregon
 47. Capacity test was made by: Self
 Address: Above
 48. General remarks: Two years ago, May, 1946, I put in an irrigation sprinkler system.