

UMAT
4786

6N/35-28R(1)
UMATILLA CO

Application No. U 156
Permit No. U 149
Well No. 4

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 August 9th, 1948

1. Location of well: SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 28 Twp. 6 Rge. 35 E, W. M.
2. Name of nearest natural surface stream Pine Creek & Goodman Spring
3. Distance from well to that stream: about 1 mi. 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 fall, 1943.
6. Date well was completed February, 1944

LOG OF MATERIALS ENCOUNTERED

Character of Material	Depth at which encountered	Thickness of stratum
	At surface	ft.
gravel	first 65 ft.	ft.
clay	last 145 ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.

Remarks:

WELL INFORMATION

8. Diameter of well 8 inches. Depth of well 210 feet.
9. Depth at which water was first encountered 63 feet.
10. Water level when completed: 70 feet below ground surface.
11. Additional information regarding well; such as soil conditions, quick sand, caves, obstructions, rock, etc.: usual formation.

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PUMP INFORMATION

12. Manufacturer of pump: Pamona 5" disc.
13. Address: 531 Newell Street, Walla Walla, Washington.
14. Data on name or base plate: Pamona

15. Data on pump bowl assembly: 1944.

16. Size of pump: 5 hp.
17. Rated capacity: 150 gallons per minute.
18. Rated speed: 1600 revolutions per minute.
19. Number of stages: 5
20. Size of intake pipe: 5 1/2 inch
21. Size of discharge pipe: 5 "
22. Length of intake pipe: 70 ft.
23. Length of discharge pipe: 5 ft.
24. Suction lift: (difference in elevation between water surface in well and pump) 70 ft.
25. Discharge lift: (difference in elevation between pump and end of discharge line) none
26. Depth of pump intake below ground surface: 70 ft. feet.
27. Remarks:

MOTOR OR ENGINE INFORMATION

28. Name of manufacturer: Pamona
29. Address: 531 Newell, Walla Walla, Wash.
30. Type of motor or engine: 5 hp.
31. Data on name or base plate: 1944.

32. Rated horsepower: 5 hp.
33. Rated speed of motor or engine: 1600 revolutions per minute.
34. Rated Capacity of Pump
(with described motor)
- | | | | |
|-----|-----------|----|----------|
| 150 | g.p.m. at | 70 | 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:

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UMATILLA

CAPACITY TEST

- 36. Date of test: Feb., 1944. 37. Temperature of water 50 °F. or °C.
- 38. Motor speed during test: 1600 rpm.
- 39. Test made by (weir, tank or other means): pump

Pounds pressure	TOTAL HEAD	*Total lift in feet		Gallons per min.	°Feet to water level	± Draw-down	+Time
		ft.	in.				
___ 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.
___ 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. none
- ° 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 70 ft.
- 42. Water is discharged into: ditch
- 43. Was water lowered to pump intake by test? no just to 70 ft.
- 44. Remarks: _____

GENERAL INFORMATION

- 45. Name of contractor or other party who drilled or dug well: Ted Van Vorst
Address: Umapine, Oregon.
- 46. Pump and motor were installed by: Lawrence McBride.
Address: Freewater, Oregon
- 47. Capacity test was made by: Lawrence McBride.
Address: Freewater, Oregon.
- 48. General remarks: _____

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