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5 1950
ENGINEER
L.L.M. OREGON

UMAT 4508

Ralph Clark well

Application No. U-314
Permit No. U 288
Well No. 1

6N/35-24 (1) L(1)
UMATILLA

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 June 22, 1950

1. Location of well: NE ¼ of SW ¼ of Section 24 Twp. 6N Rge. 35E W. M. UMATILLA COUNTY
2. Name of nearest natural surface stream Walla Walla River
3. Distance from well to that stream: 2500 ft 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. Aug. 2-6, 1949.
6. Date well was completed _____

7. LOG OF MATERIALS ENCOUNTERED

Character of Material	Depth at which encountered	Thickness of stratum
Top Soil-Loam	At surface	4 ft.
Cemented Gravel	4 ft.	16 ft.
Black Sand	16 ft.	32 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 32 feet.
9. Depth at which water was first encountered 18 - Artesian feet.
10. Water level when completed: Artesian feet below ground surface.
11. Additional information regarding well; such as soil conditions, quick sand, caves, obstructions, rock, etc.: Cased all the way. 100 G.P.M. flow at 32 ft.

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PUMP INFORMATION

12. Manufacturer of pump: WEINMAN PUMP CO.
13. Address: COLUMBUS 8, OHIO
14. Data on name or base plate: NONE
15. Data on pump bowl assembly: "
16. Size of pump: 7½ HORSE POWER
17. Rated capacity: 130 gallons per minute.
18. Rated speed: 3450 revolutions per minute.
19. Number of stages:
20. Size of intake pipe; 2½"
21. Size of discharge pipe: 2"
22. Length of intake pipe: 32'
23. Length of discharge pipe: 800'
24. Suction lift: (difference in elevation between water surface in well and pump) 16 feet
25. Discharge lift: (difference in elevation between pump and end of discharge line) 53'
26. Depth of pump intake below ground surface: _____ feet.
27. Remarks: WELL IS ARTESIAN. PUMP WILL BE FLANGED TO CASING

MOTOR OR ENGINE INFORMATION

28. Name of manufacturer: WEIMAN PUMP CO
29. Address: COLUMBUS 8 OHIO
30. Type of motor or engine: ELECTRIC - GENERAL
31. Data on name or base plate:
32. Rated horsepower: 7½
33. Rated speed of motor or engine: 3450 revolutions per minute.
34. Rated Capacity of Pump (with described motor)

130 g.p.m. at 135 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: PUMP DESIGNED FOR OVER HEAD SPRINKLER SYSTEM

GN/35-24 L(1)
UMATILLA

CAPACITY TEST

36. Date of test: 6/3/50 37. Temperature of water 45 °F. or ____ °C.
38. Motor speed during test: 1700
39. Test made by (weir, tank or other means): TURBINE PUMP DRIVEN BY GAS- ENGINE
40.

Pounds pressure	TOTAL HEAD	*Total lift in feet	Gallons per min.	°Feet to water level	¤ Draw-down	+Time
____ lbs.	Gauge at pump	Total 5 ft. ____ in.	80	7 ft.	5 ft.	30 M.
____ lbs.	Gauge at pump	Total 15 ft. ____ in.	140	17 ft.	15 ft.	30 M.
____ lbs.	Gauge at pump	Total 25 ft. ____ in.	188	27 ft.	25 ft.	60 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 135 ft.
42. Water is discharged into: PIPE LINE TO BE DISTRIBUTEd OUT IN OVERhEAd SPRINKLERS
43. Was water lowered to pump intake by test? NO
44. Remarks: NONE

GENERAL INFORMATION

45. Name of contractor or other party who drilled or dug well: Rudd Davis
Address: FREEWATER, OREGN
46. Pump and motor were installed by: TOMMY LITTLE
Address: TWIN CITY CO-OP MILTON-OREGON
47. Capacity test was made by: TOMMY LITTLE
Address: TWIN CITY CO-OP MILTON OREGON
48. General remarks: