

C.F. Henrichs

UMAT  
4302

Application No. U-497  
Permit No. U-451  
Well No. \_\_\_\_\_

REPORT ON COMPLETION OF WELL

6N/35-19 L(2)  
UMAT/LLA

(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 \_\_\_\_\_, 19\_\_

1. Location of well: SE 1/4 SW 1/4 of Section 19 Twp. 6N Rge. 35E W. M.
2. Name of nearest natural surface stream: Johnson 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: Feb 1 - 1952 (approx.)
6. Date well was completed: MAY 7th 1952

LOG OF MATERIALS ENCOUNTERED

Character of Material	Depth at which encountered	Thickness of stratum
	At surface	ft.
<u>2 1/2' Neg</u>	<u>17</u>	<u>17</u> ft.
		ft.
<u>Cemented Gravel</u>	<u>135</u>	<u>118</u> ft.
<u>Cemented Gravel (Clay/Brown)</u>	<u>210</u>	<u>225</u> ft.
		ft.
		ft.
		ft.
		ft.

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

WELL INFORMATION

8. Diameter of well 10 inches. Depth of well 360 feet.
9. Depth at which water was first encountered 11 1/2 feet.
10. Water level when completed: 11 1/2 feet below ground surface.
11. Additional information regarding well; such as soil conditions, quick sand, caves, obstructions, rock, etc.: 12 ft sandy loam

gravel and clay from this on  
1st. Measurable water level 12.0 ft  
from ground surface

WATER LEVEL - 15' (11-14-58)

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PUMP INFORMATION

6N/35-19L (2)  
UMATILLA

- Manufacturer of pump: Johnston Pump Co.  
 13. Address: Pasadena, California  
 14. Data on name or base plate: 6-BS-5 stage  
 15. Data on pump bowl assembly: 6-BS-5 Serial # JF 2132  
 16. Size of pump: 6"  
 17. Rated capacity: 150 gallons per minute.  
 18. Rated speed: 3500 revolutions per minute.  
 19. Number of stages: 5  
 20. Size of intake pipe: 4"  
 21. Size of discharge pipe: 4"  
 22. Length of intake pipe: 10'  
 23. Length of discharge pipe: \_\_\_\_\_  
 24. Suction lift: (difference in elevation between water surface in well and pump) 130'  
 25. Discharge lift: (difference in elevation between pump and end of discharge line) 0  
 26. Depth of pump intake below ground surface: 156 feet.  
 27. Remarks: \_\_\_\_\_

MOTOR OR ENGINE INFORMATION

28. Name of manufacturer: U. S. Motor Co  
 29. Address: Los Angeles, Calif.  
 30. Type of motor or engine: Vertical Hollow Shaft  
 31. Data on name or base plate: 10 H. P. - 3600 RPM - 220-440 volt. - 3 phase - 60 cycle  
 32. Rated horsepower: 10  
 33. Rated speed of motor or engine: 3500 revolutions per minute.

34. Rated Capacity of Pump (with described motor)

<u>120</u> g.p.m.	at	<u>278</u> ft.	head
<u>130</u> g.p.m.	at	<u>268</u> ft.	head
<u>140</u> g.p.m.	at	<u>254</u> ft.	head
<u>150</u> g.p.m.	at	<u>238</u> ft.	head
<u>160</u> g.p.m.	at	<u>219</u> ft.	head

35. Remarks: \_\_\_\_\_

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CAPACITY TEST

6/35 191(2)  
UMATILLA

38. Speed of test: \_\_\_\_\_ 37. Temperature of water \_\_\_\_\_ °F. or \_\_\_\_\_ °C.  
39. Test made by (weir, tank or other means): Critique

40. Pounds pressure	TOTAL HEAD	*Total lift in feet	Gallons per min.	°Feet to water level	±Draw-down	+Time
_____ lbs.; Gauge at pump	Total	<u>140</u> ft. in.	<u>105</u>	<u>135</u> ft.	<u>123</u> ft.	<u>8-12</u> M.
_____ lbs.; Gauge at pump	Total	<u>11</u> ft. in.	<u>11</u>	<u>11</u> ft.	<u>11</u> ft.	<u>12</u> M. noon
_____ 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.
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_____ 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 140 ft.  
42. Water is discharged into: Ditch

43. Was water lowered to pump intake by test? Yes  
44. Remarks: Pumped well to its capacity for 4 hours from 135'

GENERAL INFORMATION

45. Name of contractor or other party who drilled or dug well: Yager Drilling Co.  
Address: 118 Kenneth St Umatilla Falls, Or.  
46. Pump and motor were installed by: \_\_\_\_\_  
Address: \_\_\_\_\_  
47. Capacity test was made by: \_\_\_\_\_  
Address: \_\_\_\_\_  
48. General remarks: \_\_\_\_\_

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