

UMAT 54147

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STATE ENGINEER  
SALEM, OREGON

From file U-615 (F. Booth)  
REPORT ON COMPLETION OF WELL

Application No. U 615  
Permit No. U 571  
Well No. \_\_\_\_\_

(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 NE of Section 34 Twp. 5 Rge. 28, W. M.
2. Name of nearest natural surface stream UMATILLA RIVER
3. Distance from well to that stream: OVER 10,000 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: July 15 (1953)
6. Date well was completed Aug 1 (1953)

LOG OF MATERIALS ENCOUNTERED

Character of Material	Depth at which encountered		Thickness of stratum	
	At surface		ft.	
<u>Sand</u>	<u>29</u>	ft.	<u>80</u>	ft.
<u>Clay</u>	<u>30</u>	ft.	<u>30</u>	ft.
<u>Soft Rock</u>	<u>20</u>	ft.	<u>20</u>	ft.
<u>Rock</u>	<u>32</u>	ft.	<u>32</u>	ft.
		ft.		ft.
		ft.		ft.
		ft.		ft.
		ft.		ft.

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

WELL INFORMATION

8. Diameter of well 10" inches. Depth of well 162 feet.
9. Depth at which water was first encountered 120 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.: NOTHING UNUSUAL

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

PUMP INFORMATION

12. Manufacturer of pump: Remineral Mfg Co  
 13. Address: Brentwood Calif.  
 14. Data on name or base plate: WOULD HAVE TO PULL PUMP TO READ  
 15. Data on pump bowl assembly: T6VND10  
 16. Size of pump: 10 HP  
 17. Rated capacity: 300 gallons per minute.  
 18. Rated speed: 3450 revolutions per minute.  
 19. Number of stages: 10  
 20. Size of intake pipe: 3  
 21. Size of discharge pipe: 2 1/2  
 22. Length of intake pipe: 150 FT.  
 23. Length of discharge pipe: 3 1/2 of 2" pipe to 2000 gal tank  
 24. Suction lift: (difference in elevation between water surface in well and pump) SUBMERSIBLE PUMP  
 25. Discharge lift: (difference in elevation between pump and end of discharge line) 144 FEET  
 26. Depth of pump intake below ground surface: 150 FT feet.  
 27. Remarks:

MOTOR OR ENGINE INFORMATION

28. Name of manufacturer: HE motor  
 29. Address:  
 30. Type of motor or engine: submersible  
 31. Data on name or base plate: 10 HP 3 PHASE  
 32. Rated horsepower: 10  
 33. Rated speed of motor or engine: 3450 revolutions per minute.  
 34. Rated Capacity of Pump (with described motor)
- |            |           |           |          |
|------------|-----------|-----------|----------|
| <u>260</u> | g.p.m. at | <u>80</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:

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CAPACITY TEST

36. Date of test: October 18, 1953. Temperature of water \_\_\_ °F. or \_\_\_ °C.  
 38. Motor speed during test: 3450  
 39. Test made by (weir, tank or other means): time measurement

40. *pump tested under open head.*

Pounds pressure	TOTAL HEAD	*Total lift in feet	Gallons per min.	*Feet to water level	Draw-down	+Time
0 lbs.; Gauge at pump	Total	72 ft. in.	260	70 ft.	10 ft.	0. M. hours
___ lbs.; Gauge at pump	Total	___ ft. in.		___ ft.	___ ft.	___ M. with open head on PUMP
___ 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.
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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 150 ft. can go to 260'  
 42. Water is discharged into: 2- 1000 gal tanks  
 43. Was water lowered to pump intake by test? no  
 44. Remarks: The pump will work to 260'

GENERAL INFORMATION

45. Name of contractor or other party who drilled or dug well: Troy Griffin  
 46. Pump and motor were installed by: same Address: BBI Hermiston - Oregon  
 47. Capacity test was made by: Troy Griffin + F. C. Booth Address: Hermiston - Oregon  
 48. General remarks: Box 622 Hermiston Oregon RR 2 box 2!

Description of works:

Well: 161' deep with 160"x10" casing  
static level 80', No draw down with  
present pump.

UNIVERSAL 10HP 3 phase (set at 145') submersible,  
TL 100010 (stock number) (rated at 142 gpm  
at 140' head) with 1500 gal. tank  
set at 30' - 16'.

Pump set at 30' - 16'.

Line indicated in permit map "approximate" was  
not as shown on map.

New Owner of well is Ben H. Parsons, clay St,  
Tulsa Okla.

I, R. H. Whitty, do hereby certify that I have made  
an inspection of the works described herein and in Permit No. U-571, on the 9 day  
of Nov, 1955, and found the foregoing statements and descriptions of works to  
be accurate. In my opinion the appropriation has been completed to the extent of \_\_\_\_\_  
and I recommend the issuance of water right certificate for this amount. (Quantity of water in second-feet or acre-feet)

NOTICE TO INSPECTORS

If conditions do not justify the above re-  
port by you, please return this form without  
your signature, with a full report by letter.

R. H. Whitty  
Field Engr.  
(Name)  
(Title)