

*KLAM
2255*

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WATER WELL REPORT

STATE OF OREGON *U457*

State Well No. *37/9-36H(2)*

State Permit No. *U465*

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

(1) OWNER:

Name *Marshall Brothers*
Address *Poe Valley Rd.*
Klamath Falls, Oregon

(2) LOCATION OF WELL:

County *Klamath* Owner's number, if any--
SE 1/4 NE 1/4 Section 36 T. 37S R. 9E W.M.
Bearing and distance from section or subdivision corner
N 23° W 450 from E 1/4 Cor
Sec 36

(3) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
* abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(6) CASING INSTALLED:

Threaded Welded

" Diam. from ft. to ft. Gage

(7) PERFORATIONS:

Perforated? Yes No

Type of perforator used *Star Perforator*
SIZE of perforations in. by in.
..... perforations from *300* ft. to *600* ft.
..... perforations from ft. to ft.
..... perforations from ft. to ft.
..... perforations from ft. to ft.
..... perforations from ft. to ft.

(8) SCREENS:

Well screen installed Yes No

Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:

Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.
Was a surface seal provided? Yes No To what depth? ft.
Material used in seal--
Did any strata contain unusable water? Yes No
Type of water? Depth of strata
Method of sealing strata off

(10) WATER LEVELS:

Static level ft. below land surface Date
Artesian pressure lbs. per square inch Date

Log Accepted by:

[Signed] Date, 19.....
(Owner)

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom? *Interstate*
Yield: gal./min. with ft. drawdown after Pump Chrs.
" " " "
" " " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well inches.

Depth drilled ft. Depth of completed well ft.

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
April 1958 casing was shot at	400 ft,	450 ft.
500 ft and 550 ft. Black sand and gravel showed up while perforating well also shot in 1960 at	300 ft. 350 ft. 425 ft. and 560 ft.	
<i>Additional work done after original construction of the well.</i>		

Work started 19 .. Completed 19 ..

(13) PUMP:

Manufacturer's Name
Type: H.P.

Well Driller's Statement:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME *Wilson Drilling Contractor*
(Person, firm, or corporation) (Type or print)

Address *Box 136 Merrill, Oregon*

Driller's well number

[Signed] *Walter L Wilson*
(Well Driller)

License No. *169* Date *Sept. 24*, 19*60*

PUMP INFORMATION

- 12. Manufacturer of pump: Layne + Bowler Pump Co
- 13. Address: Los Angeles, Calif.
- 14. Data on name or base plate: 1217AC8 - Ser. C30464

- 15. Data on pump bowl assembly: 12CM-H - 3 stage - Ser. C30024

- 16. Size of pump: 12" Bowls
- 17. Rated capacity: 1000 gallons per minute.
- 18. Rated speed: 1770 revolutions per minute.
- 19. Number of stages: 3
- 20. Size of intake pipe: 8"
- 21. Size of discharge pipe: 8"
- 22. Length of intake pipe: 180'
- 23. Length of discharge pipe: 10'
- 24. Suction lift: (difference in elevation between water surface in well and pump) 170'
- 25. Discharge lift: (difference in elevation between pump and end of discharge line) 0'
- 26. Depth of pump intake below ground surface: 185 feet.
- 27. Remarks: _____

MOTOR OR ENGINE INFORMATION

- 28. Name of manufacturer: Caterpillar Tractor Co
- 29. Address: Peoria, Ill.
- 30. Type of motor or engine: Diesel

- 31. Data on name or base plate: D315
Serial # 5R B 371
Gov. Full Load 1800
H.P. 99
Bore - 4 1/2, Stroke - 5 1/2
- 32. Rated horsepower: 75
- 33. Rated speed of motor or engine: 1800 revolutions per minute.

34. Rated Capacity of Pump (with described motor)	<u>1000</u> g.p.m. at <u>170</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: _____

CAPACITY TEST

36. Date of test: Feb. 4, 1958 37. Temperature of water 57 °F. or ___ °C.
 38. Motor speed during test: Various
 39. Test made by (weir, tank or other means): Restricted Orifice

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>165</u> ft. in.	<u>1000</u>	<u>165</u> ft.	<u>140</u> ft.	<u>12:30</u> M.
___ lbs., Gauge at pump	Total	<u>165</u> ft. in.	<u>1000</u>	<u>165</u> ft.	<u>140</u> ft.	<u>2:30</u> M.
___ lbs., Gauge at pump	Total	<u>185</u> ft. in.	<u>1200</u>	<u>185</u> ft.	<u>160</u> ft.	<u>3:30</u> M.
___ lbs., Gauge at pump	Total	<u>185</u> ft. in.	<u>1200</u>	<u>185</u> ft.	<u>160</u> ft.	<u>4:30</u> M.
___ lbs., Gauge at pump	Total	<u>150</u> ft. in.	<u>900</u>	<u>150</u> ft.	<u>125</u> ft.	<u>5:30</u> M.
___ lbs., Gauge at pump	Total	<u>150</u> ft. in.	<u>900</u>	<u>150</u> ft.	<u>125</u> ft.	<u>6:00</u> 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 165-170 ft.
 42. Water is discharged into: Ditch

43. Was water lowered to pump intake by test? yes

44. Remarks: _____

GENERAL INFORMATION

45. Name of contractor or other party who drilled or dug well: W. L. Hartley & Son Address: Benanza Oregon
 46. Pump and motor were installed by: Interstate Pump Co Address: P.O. Box 706, Klamath Falls, Ore.
 47. Capacity test was made by: Interstate Pump Co Address: Klamath Falls, Ore.
 48. General remarks: _____