

STATE ENGINEER  
Salem, Oregon

UMAT  
4787

# Well Record

STATE WELL NO. 6N/35-28Q(1)  
COUNTY UMATILLA  
APPLICATION NO. \_\_\_\_\_

OWNER: C.O. WHEELER

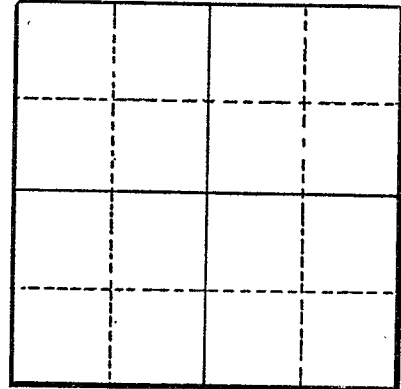
MAILING  
ADDRESS: \_\_\_\_\_

LOCATION OF WELL: Owner's No. \_\_\_\_\_

CITY AND  
STATE: \_\_\_\_\_

SW  $\frac{1}{4}$  SE  $\frac{1}{4}$  Sec. 28 T. 6 <sup>N.</sup> ~~S.~~, R. 35 <sup>E.</sup> ~~W.~~, W.M.

Bearing and distance from section or subdivision  
corner \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Section 28

Altitude at well 820

TYPE OF WELL: DR'LO Date Constructed 1943

Depth drilled 73' Depth cased \_\_\_\_\_

### CASING RECORD:

8"

### FINISH:

### AQUIFERS:

GRAVEL

### WATER LEVEL:

25' 18.29' 11-9-61 WSB

PUMPING EQUIPMENT: Type BYRON JACKSON TURBINE H.P. 10  
Capacity 250 G.P.M.

### WELL TESTS:

Drawdown \_\_\_\_\_ ft. after \_\_\_\_\_ hours \_\_\_\_\_ G.P.M.  
Drawdown \_\_\_\_\_ ft. after \_\_\_\_\_ hours \_\_\_\_\_ G.P.M.

USE OF WATER IRR. Temp. \_\_\_\_\_ °F., 19\_\_\_\_

SOURCE OF INFORMATION PERMIT U-148

DRILLER or DIGGER HOMER CORNELIUSON

### ADDITIONAL DATA:

Log  Water Level Measurements  Chemical Analysis \_\_\_\_\_ Aquifer Test \_\_\_\_\_

### REMARKS:

RECEIVED

UMAT

6N/35-28Q(1)

Umatilla

NOV 12 1944  
STATE ENGINEER  
SALEM, OREGON

Application No. U  
Permit No. U-148  
Well No. \_\_\_\_\_

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 \_\_\_\_\_, 193\_\_

1. Location of well: \_\_\_\_\_ of Section 28 Twp. 6N Rge. 35E W. M.
2. Name of nearest natural surface stream Indian Springs Branch
3. Distance from well to that stream: 2600 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 Nov. 15-1943
6. Date well was completed Dec. 15-1943

LOG OF MATERIALS ENCOUNTERED

Character of Material	Depth at which encountered	Thickness of stratum
	At surface	ft.
<u>Gravel</u>	<u>Gravel</u> ft.	<u>Gravel 73</u> ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.

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

WELL INFORMATION

8. Diameter of well 8" Case inches. Depth of well 73 feet.
9. Depth at which water was first encountered 33 feet.
10. Water level when completed: 25 feet below ground surface.
11. Additional information regarding well; such as soil conditions, quick sand, caves, obstructions, rock, etc.: Gravel formation  
Well is Drilled and used.

6N/35-28Q(1)  
Umatilla Co

PUMP INFORMATION

12. Manufacturer of pump: Pomona Turbine Pump Co  
13. Address: Pomona Calif  
14. Data on name or base plate: Serial No. P. 101416  
  
15. Data on pump bowl assembly: Not Known  
  
16. Size of pump: 6" H.C. 8 Stage  
17. Rated capacity: 220 GPM @ 60' TDH gallons per minute.  
18. Rated speed: 1750 revolutions per minute.  
19. Number of stages: 8 Stage  
20. Size of intake pipe: 5"  
21. Size of discharge pipe: 5"  
22. Length of intake pipe: 60'  
23. Length of discharge pipe: 10'  
24. Suction lift: (difference in elevation between water surface in well and pump)  
10 ft to 30 ft  
25. Discharge lift: (difference in elevation between pump and end of discharge line)  
Pump sits on top of ground same as discharge pipe  
26. Depth of pump intake below ground surface: 60' feet.  
27. Remarks: pump used for irrigating

MOTOR OR ENGINE INFORMATION

28. Name of manufacturer: Cantony Electric Co.  
29. Address: St. Louis Mo.  
30. Type of motor or engine: Auto Phase Motor  
31. Data on name or base plate: Single Rod Frame 254 V. 110/115 SEC-3A 0  
H. P. 5 Watts 115 on 1920 an. 254 115 02 27.5  
K. P. No. 1750 serial no. 11699792  
  
32. Rated horsepower: 5 HP  
33. Rated speed of motor or engine: 1750 revolutions per minute.

34. Rated Capacity of Pump  
(with described motor)

220 GPM @ 60' TDH

g.p.m. at	_____	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: This is the only rated capacity of pump  
that we have available.

6N/35-28(11)  
umatilla

CAPACITY TEST

Never did have the Well tested

36. Date of test: \_\_\_\_\_ 37. Temperature of water \_\_\_\_\_ °F. or \_\_\_\_\_ °C.  
 38. Motor speed during test: \_\_\_\_\_  
 39. Test made by (weir, tank or other means): \_\_\_\_\_

40. Pounds pressure	TOTAL HEAD	*Total lift in feet	Gallons per min.	°Feet to water level	<input type="checkbox"/> Draw-down	+Time
___ 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.  
 ° 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 \_\_\_\_\_ ft.  
 42. Water is discharged into: \_\_\_\_\_  
 43. Was water lowered to pump intake by test? \_\_\_\_\_  
 44. Remarks: \_\_\_\_\_

GENERAL INFORMATION

45. Name of contractor or other party who drilled or dug well: Harold Cornelison  
 Address: \_\_\_\_\_  
 46. Pump and motor were installed by: R M Wade Co  
 Address: Freewater Oregon  
 47. Capacity test was made by: None Made  
 Address: \_\_\_\_\_  
 48. General remarks: \_\_\_\_\_

Report made by E. O. Wheeler

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, 19 48

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

7. 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.

RECEIVED  
AUG 12 1948  
STATE ENGINEER  
SALEM, OREGON

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)
- |            |               |    |           |            |      |
|------------|---------------|----|-----------|------------|------|
| <u>150</u> | <u>g.p.m.</u> | at | <u>70</u> | <u>ft.</u> | head |
|            | <u>g.p.m.</u> | at |           | <u>ft.</u> | head |
|            | <u>g.p.m.</u> | at |           | <u>ft.</u> | head |
|            | <u>g.p.m.</u> | at |           | <u>ft.</u> | head |
|            | <u>g.p.m.</u> | at |           | <u>ft.</u> | head |
35. Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

