

**RECEIVED**  
 FEB 21 1958  
 STATE ENGINEER  
 SALEM, OREGON

*lake  
142*

*7/40-29K(1)  
 BAKER CO*

Application No. U 788  
 Permit No. U 691  
 Well No. CONRO WELL

**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 FEB 18, 1958  
 1782.48 FT FROM 1/4 SEC. CORNER.  
 1. Location of well: BETWEEN SEC'S 29 & 30 of Section 29 Twp. 7S Rge. 40, W. M.  
 2. Name of nearest natural surface stream POWDER RIVER  
 3. Distance from well to that stream: 2 MILES 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: JUNE 10 - 1953  
 6. Date well was completed SEPT 1953

**LOG OF MATERIALS ENCOUNTERED**

Character of Material	Depth at which encountered	Thickness of stratum
<u>TOP SOIL - LEAVY ASH</u>	<u>At surface</u>	<u>ft.</u>
<u>HARD PAN</u>	<u>3</u> ft.	<u>ft.</u>
<u>SAND STONE</u>	<u>8</u> ft.	<u>ft.</u>
—	ft.	ft.
—	ft.	ft.
—	ft.	ft.
—	ft.	ft.
—	ft.	ft.
—	ft.	ft.
—	ft.	ft.

Remarks: MOSTLY SAND STONE ALL THE WAY DOWN TO A DEPTH OF 521 FT.

**WELL INFORMATION**

8. Diameter of well 16" inches. Depth of well 521 feet.  
 9. Depth at which water was first encountered AROUND 80 feet.  
 10. Water level when completed: 83 feet below ground surface.  
 11. Additional information regarding well; such as soil conditions, quick sand, caves, obstructions, rock, etc.:  
NO LARGE ROCKS ENCOUNTERED OR QUICK SAND, NO CAVE-INS

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- 12. Manufacturer of pump: BERKELEY PUMP CO.
- 13. Address: 829 BANCROFT WAY, BERKELEY 2, CALIF.
- 14. Data on name or base plate: \_\_\_\_\_
- 15. Data on pump bowl assembly: 700 GAL PER MIN CAPACITY.
- 16. Size of pump: 10"
- 17. Rated capacity: 700 gallons per minute.
- 18. Rated speed: 1800 revolutions per minute.
- 19. Number of stages: 6
- 20. Size of intake pipe: 8"
- 21. Size of discharge pipe: 8"
- 22. Length of intake pipe: COLUMN PIPE 8" - 200 FT LONG
- 23. Length of discharge pipe: \_\_\_\_\_
- 24. Suction lift: (difference in elevation between water surface in well and pump) 83 FEET STATIC LEVEL
- 25. Discharge lift: (difference in elevation between pump and end of discharge line) 40 FEET
- 26. Depth of pump intake below ground surface: 215 feet.
- 27. Remarks: THERE HAS BEEN NO NOTICEABLE REDUCTION IN WATER TABLE DURING USE OF PUMP

MOTOR OR ENGINE INFORMATION

- 28. Name of manufacturer: BELGIUM ELECTRIC CO.
- 29. Address: 433 EAST THIRD ST - LOS ANGELES - 13 - CALIF
- 30. Type of motor or engine: VHS. FRAME # 444
- 31. Data on name or base plate: 220 + 440V. 60CYL - 3PHASE  
SERIAL # 12MM13609 - 89395
- 32. Rated horsepower: 600 H.P.
- 33. Rated speed of motor or engine: 1800 revolutions per minute.
- 34. Rated Capacity of Pump (with described motor)
 

TOTAL HEAD	
<u>700</u> 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

700 GAL MINIMUM

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

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WATER RESOURCES DIVISION  
WASHINGTON, D.C.

36. Date of test: SEPT 1953 37. Temperature of water \_\_\_\_\_°F. or \_\_\_\_\_°C.  
38. Motor speed during test: 1800 RPM  
39. Test made by (weir, tank or other means): ORFICE

40. pounds pressure	TOTAL HEAD	*Total lift in feet	Gallons per min.	Feet to water level	Draw-down	Time
<u>45</u> lbs.	Gauge at pump	Total <u>    </u> ft. <u>    </u> in.	<u>700</u>	<u>83</u> ft.	<u>77</u> ft.	<u>    </u> M.
	Gauge at pump	Total <u>    </u> ft. <u>    </u> in.		ft.	ft.	M.
	Gauge at pump	Total <u>    </u> ft. <u>    </u> in.		ft.	ft.	M.
	Gauge at pump	Total <u>    </u> ft. <u>    </u> in.		ft.	ft.	M.
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	Gauge at pump	Total <u>    </u> ft. <u>    </u> 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.
- Δ 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: 1/2 MILE - 6" MAIN LINE

43. Was water lowered to pump intake by test? TESTED THROUGH OPEN  
44. Remarks: DISCHARGE AT 700 GAL PER MIN - FOR 24 CONTINUOUS HOURS - LOWERED FROM 83 FT STATIC TO 160 FT.

GENERAL INFORMATION

45. Name of contractor or other party who drilled or dug well: L.H. WILLIAMS  
Address: BAKER OREGON  
46. ~~Engine~~ motor were installed by: L.H. WILLIAMS  
Address: BAKER ORE  
47. Capacity test was made by: L.H. WILLIAMS  
Address: BAKER - ORE.  
48. General Remarks: MOTOR INSTALLED BY STEWART ELECT. CO. BAKER - ORE.