KLAM 1978

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STATE ENGINEER
Salem, Oregon

Well Record

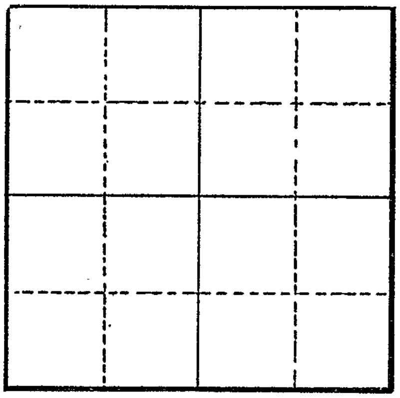
STATE WELL NO. 36/11-17B1
COUNTY Klamath
APPLICATION NO.

OWNER: Frank Gaularte
MAILING ADDRESS:

LOCATION OF WELL: Owner's No.
CITY AND STATE:

¼ ¼ Sec. T. N. S., R. E. W., W.M.

Bearing and distance from section or subdivision corner



Section

Altitude at well 4,325

TYPE OF WELL: Drilled Date Constructed
Depth drilled 386 Depth cased 105

CASING RECORD:

20 inch

FINISH:

AQUIFERS:

Porous zones in basalt from 368 to 386

WATER LEVEL: Flowing well-- 7/ /53
+28± 12/ /54

PUMPING EQUIPMENT: Type None H.P.
Capacity G.P.M.

WELL TESTS:
Drawdown ft. after hours G.P.M.
Drawdown ft. after hours G.P.M.

USE OF WATER Irrigation Temp. °F. , 19
SOURCE OF INFORMATION USGS
DRILLER or DIGGER
ADDITIONAL DATA:
Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

Flows about 4,000 gpm; water broke out in field ½ mile away when well was shut off in 1953; well used about 20 days per year; penetrated chalk rock to 260 ft., basalt 260 to 386 ft.

KLAM 1978

RECEIVED
MAR 18 1953

Application No. U 515
Permit No. U 463
Well No. 7

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)

1186.8 ft. N. - 263.5 ft. E

Date of Report Feb. 12, 1953

1. Location of well: Quarter Sec. corner ~~of~~ between Sections 16/17 Twp. 26S Rge. 11 E, W. M.
2. Name of nearest natural surface stream Sprague River
3. Distance from well to that stream: approx. 4290 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 15, 1952
6. Date well was completed July 9, 1952

7. LOG OF MATERIALS ENCOUNTERED

Character of Material	Depth at which encountered	Thickness of stratum
Chalk	At surface	52 ft.
Black sand	ft.	40 ft.
Black sandstone	ft.	30 ft.
Blue Clay	ft.	129 ft.
Boulders	ft.	60 ft.
Burnt lava	ft.	75 ft.
	ft.	ft.
	ft.	ft.
	ft.	ft.

Remarks:

WELL INFORMATION

8. Diameter of well 20 inches. Depth of well 386 feet.
9. Depth at which water was first encountered 56 feet.
10. Water level when completed: above the ground feet below ground surface.
11. Additional information regarding well, such as soil conditions, quick sand, caves, obstructions, rock, etc.: This is an artesian well with approximately 16 lbs. of pressure when capped, consequently the water level is above the ground when open. At 56 feet there was sufficient water for drilling.

PUMP INFORMATION

12. Manufacturer of pump:
13. Address:
14. Data on name or base plate:
15. Data on pump bowl assembly:
16. Size of pump:
17. Rated capacity: gallons per minute.
18. Rated speed: revolutions per minute.
19. Number of stages:
20. Size of intake pipe:
21. Size of discharge pipe:
22. Length of intake pipe:
23. Length of discharge pipe:
24. Suction lift: (difference in elevation between water surface in well and pump)
25. Discharge lift: (difference in elevation between pump and end of discharge line)
26. Depth of pump intake below ground surface: feet.
27. Remarks:

MOTOR OR ENGINE INFORMATION

28. Name of manufacturer:
29. Address:
30. Type of motor or engine:
31. Data on name or base plate:
32. Rated horsepower:
33. Rated speed of motor or engine: revolutions per minute.
34. Rated Capacity of Pump (with described motor)

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 well is artesian so we have no pump.

CAPACITY TEST

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	¤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.
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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: W. L. Hartley & Son
Address: Box 146, Bonanza, Oregon
46. Pump and motor were installed by: ______
Address: ______
47. Capacity test was made by: ______
Address: ______
48. General remarks: This well ~~was~~ is artesian so needed no test