

STATE ENGINEER
Salem, Oregon

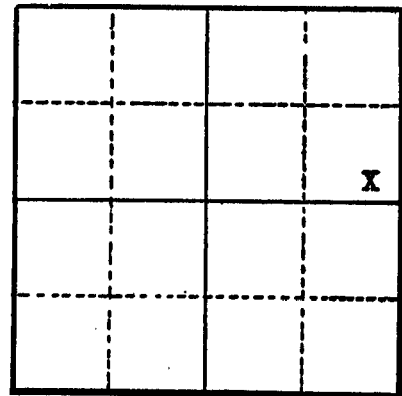
DESC
3910

Well Record

STATE WELL NO. 15/13-18H()
COUNTY Deschutes
APPLICATION NO. U-829

OWNER: Bonneville Power Administration
LOCATION OF WELL: Owner's No. _____
MAILING ADDRESS: _____
CITY AND STATE: _____

SE 1/4 NE 1/4 Sec. 18 T. 15 N. S., R. 13 W., W.M.
Bearing and distance from section or subdivision
corner 515' W. & 125' N. of SE Cor. of SE 1/4 NE 1/4



Section 18

Altitude at well 3009.5 ft.

TYPE OF WELL: drilled Date Constructed 1952

Depth drilled 400 ft. Depth cased 400 ft.

CASING RECORD: 10 inch from 0 to 122 ft.
8 inch from 116 to 400 ft.

FINISH: Perforations from 355 to 375 ft. and from 379 to 391 ft.

AQUIFERS:

WATER LEVEL: 320 ft. below land surface

PUMPING EQUIPMENT: Type turbine (18 stage Peerless) H.P. _____
Capacity _____ G.P.M.

WELL TESTS:
Drawdown 17 ft. after _____ hours pumping 150 G.P.M.
Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Industrial Temp. _____ °F. _____, 19

SOURCE OF INFORMATION U-829

DRILLER or DIGGER _____

ADDITIONAL DATA:
Log Water Level Measurements _____ Chemical Analysis _____ Aquifer Test _____

REMARKS:

STATE ENGINEER
Salem, Oregon

State Well No. 15/13-16H
County Deschutes
Application No. U-829

Well Log

Owner: Bonnaville Power Administration Owner's No. _____

Driller: A. J. Strasser Date Drilled 1952

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Excavation, no record	0	8	8
Basalt, gray, medium hard	8	33	25
Cinders, soft, red, decayed	33	36	3
Lava, gray, medium hard	36	41	5
Cinders, red, and porous rock	41	46	5
Basalt, gray, hard	46	50	4
Basalt, porous brown	50	56	6
Basalt, gray, medium hard	56	64	8
Basalt, gray, soft	64	75	11
Cinders, brown and gray	75	82	7
Basalt, gray medium hard	82	94	12
Lava, porous	94	106	12
Lava, brown, soft, crevices	106	123	17
Lava, porous, medium soft	123	141	18
Cinders, gray	141	143	2
Basalt, gray	143	198	55
Basalt, gray, soft	198	229	31
Gray and red lava	229	236	7
Cinders, red	236	269	33
Cinders and caving sand	269	276	7
Lava, gray, soft	276	367	91
Cuttings lost, no record	367	393	26
Lava gray, medium hard	393	400	7

15/13-18 H1 SWRB
Hanson Co. Deschutes Co.

RECEIVED
NOV 26 1965
STATE ENGINEER
SALEM OREGON

OREGON STATE BOARD OF HEALTH
Mineral Content of Water

Name of Water Supply Raymond Sub-station
Source Well
Sampling Point Well
Collected By Bartholomew Date 6-15-65
Analysis By A. Hoss Date 11-12-65
Laboratory Number 0950

	<u>Mg/L</u>		<u>Mg/L</u>
Color	3	Conductance (mc mho/cm)	298
Turbidity	7.5	Chlorides	4.8
Solids, Total	209	Sodium	20.6
Solids, Volatile	111	Potassium	3.5
Carbon Dioxide	4.5	Fluoride	0.07
pH	7.9	Phosphates	0.280
Alkalinity, Total as CaCO ₃	145	Sulfates	5.50
Hardness as CaCO ₃	110	Silicon	36
Calcium	19.1	Aluminum	< 0.02
Magnesium	15.2	Nitrogen, Ammonia	0.19
Iron	0.26	Nitrogen, Nitrite	0.02
Manganese	< 0.05	Nitrogen, Nitrate	1.13
Arsenic			

REMARKS _____

