

STATE ENGINEER
Salem, Oregon

Well Record

STATE WELL NO. 15/40-10K(1)
COUNTY Malheur
APPLICATION NO. U-531

OWNER: Rankin Crow

MAILING ADDRESS:

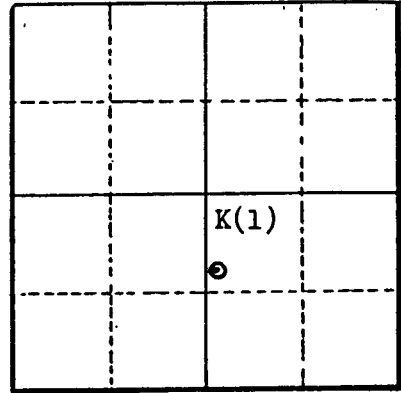
LOCATION OF WELL: Owner's No. #9

CITY AND STATE:

Brogan, Oregon

NW 1/4 SE 1/4 Sec. 10 T. 15 N. S. R. 40 E. W., W.M.

Bearing and distance from section or subdivision corner 1584' N. & 48' E. of S 1/4 cor. Sec. 10



Section 10

Altitude at well 3936.30

TYPE OF WELL: Drilled Date Constructed 1952

Depth drilled 1,000 Depth cased 100

CASING RECORD:

14 inch set to 100 feet

FINISH:

Perforated from 60 to 100 feet

AQUIFERS:

WATER LEVEL:

62.30 feet below land surface on September 12, 1954

PUMPING EQUIPMENT: Type Turbine H.P.
Capacity G.P.M.

WELL TESTS:

Drawdown 121 ft. after 1 hours 580 G.P.M.
Drawdown ft. after hours G.P.M.

USE OF WATER Irrigation Temp. 76 °F. May 24, 1955

SOURCE OF INFORMATION U.S.G.S.

DRILLER or DIGGER Max Holloway

ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

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Application No.

Well Log

Owner: Rankin Crow Owner's No. #9

Driller: Max Holloway Date Drilled 1953

CHARACTER OF MATERIAL	(Feet below 'and surface)		Thickness (feet)
	From	To	
* Alluvium:			
Soil	0	20	20
Clay	20	60	40
Gravel, water bearing	60	65	5
Clay	65	80	15
Gravel, water bearing	80	85	5
Clay	85	170	85
Lava:			
Rock, small amount of water	170	215	45
Older rocks:			
Clay (soil and weathered zone?)	215	290	75
Shale, blue	290	570	280
Rock, with a little water	570	620	50
Sandstone, black	620	690	70
Sandstone, black, some water	690	720	30
Shale, blue	720	800	80
Sandstone, blue and gray	800	870	70
Shale, blue, with soapstone	870	885	15
Shale, blue, hard, hot	885	900	15
Sandstone and gravel	900	950	50
Sand and gravel, with warm water	950	985	35
Shale, blue, sticky	985	1,000	15
*Tentative stratigraphic designations by R. C. Newcomb - U.S.G.S.			

$500' = 14''$ Hole
 $303' = 8''$ Hole
 $\underline{\text{Total } 803'}$ $90' = 14''$ Caseing

Well #9
 155) 46E-10DB (K1)

Water Level
 55'

- 20' Top Soil
 - 40' Clay
 - 5' Gravel and Water
 - 15' Clay
 - 5' Gravel and Water
 - 8.5' Clay
 - 35' Rock and Water
 - 75' Clay Sand Some Water
 - 290' Blue Shale
 - 50' Rock and Water Warm Water
 - 70' Black Sand Stones, Some Rock and Water
 - 30' Sand Gravel and Water
 - 83' Blue Shale
 - 803' Total Depth.
 - 90' Blue Shale
 - 10' Sand
 - 97' Blue Shale
- 1000' Narrison Paulson Filler of this well
 finished Drilling Nov 22 - 53

Narrison Paulson