

8-17-17E
Plotted
R.S.

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
UNION NATIONAL BANK BLDG WICHITA, KANSAS

Location SW NW NE

Sec. 8 T.17 R. 17E

Casing Record

20" 10"
15 1/2" 8 1/4"
12 1/2" 65/8"
12 1/2" 53/16"

Farm- Wess Neill
Company- Mullinett Dev Co.
Contr.-
Comm.- 1-8-29

County- Osage
No. 1

Comp.- 3-20-29

Total Depth 2738

Shot Quarts Between

Correspondence Regarding This Well Should Be Referred to

Elevation 1015
Initial Production Dry 10/4 L.S.

Figures Indicate Bottom of Formations.
Date Issued. 10-4-30

Formation	Depth	Formation	Depth.
dirt and rock	20	lime	1432
shale	25	oil sand	1462
lime	30	miss lime	1815
slate	60	shale	1840
slate	100	sand	2110
sand water	130	lime	2134
shale	340	sdv lime	2145
lime	365	sand	2240
shale	370	lime	2250
lime	440	sand	2290
shale	500	lime	2330
lime	575	sand	2345
shale	600	lime	2355
lime	735	sdv lime	2360
shale	750	lime	2416
sand	770	shale gas sdv	2431
shale	853	lime pink	2440
lime	858	oil sand	2540
shale	935	lime	2576
lime	955	shale brown	2578
shale	980	probably granite	
lime	985	lime	2662
shale	990	lime Mica	2668
lime	1000	lime all colors	2707
shale	1046	sdv lime gas	2733 ?
lime	1060	shale	2737
shale	1070	lime Gas ?	2738 TD
lime	1075		
shale	1160		
sand	1185		
shale	1230		
lime	1235		
shale	1290		
lime	1300		
shale	1385		
lime	1420		
sand	1425		

OCT 6 1930

2110
1815
325
19

2110
1815
195

8-17-17E

SW-NW-NE

35634

LOG OF NEIL WELL -- 8-17-17 -- OSAGE COUNTY, KANSAS

Soil and broken lime	20	20	Sand getting lighter	30	2540
Shale Black	5	25	Lime Brown	36	2576
Lime Gray	5	30	Shale Brown	2	2578
Slate Light	30	60	Lime Pink hard	39	2617
Slate Dark	40	100	Lime Red hard	15	2632
Fresh Water Sand	50	130	Lime all colors	39	2668
Shale White	210	340	Lime Reddish	14	2682
Lime Light	25	365	Lime Brown	12	2694
Shale Dark	5	370	Sand Light pink	10	2704
Lime Gray	70	440	Sand darker Gas	3	2707
Shale Dark	60	500	Sandy lime More GAS	17	2724
Lime Gray	75	575	Shale Black	13	2737
Shale Dark	25	600	Lime Black GAS	1	2738 GAS
Lime Dark	35	635			
Shale Dark	115	750			
Sand Water	20	770			
Shale Dark	83	853			
Lime Gray	5	858			
Shale White	42	900			
Shale Dark	35	935			
Lime Gray	20	955			
Shale Dark	25	980			
Lime Light	5	985			
Shale Light	5	990			
Lime Gray	10	1000			
Slate Light	46	1046			
Lime Gray	4	1050			
Shale Dark	20	1070			
Lime Gray	5	1075			
Shale Light	85	1160			
Sand Light	25	1185			
Shale Light	45	1430			
Lime Gray	5	1235			
Shale Light	55	1290			
Lime Gray	10	1300			
Shale Light	85	1385			
Lime Brown	35	1420			
Sand Gray	5	1425			
Lime Brown	7	1432			
OIL SAND GOOD SHOWING	30	1462			
Log lost for 378 feet		1840			
Sand dark water	110	1950			
Sand water light	160	2110			
Lime Brown Hard	24	2134			
Sand Brown Hard	11	2145			
Sand Light Hard	70	2215			
Sand Soft White	25	2240			
Lime Brown	10	2250			
Sand Grayish	40	2290			
Lime Brown	40	2330			
Sand Gray	15	2345			
Lime Brown	10	2355			
Lime Sandy	5	2360			
Lime Gray	56	2416			
Sandy Shale GAS	15	2431			
Lime Reddish	9	2440			
OIL DARK SAND	70	2510 Oil.			

Stopped owing to the amount of gas to set casing to drill in.

OIL SAND DRILLED

1432 to 1462 -- 30 of sand showing for a producer.

2440-~~to~~ 2510--70 feet OIL sand Good light oil, and showed for a good producer.

2662 to 2668 a Mica formation was drilled.

250 feet 15 inch casing

900 feet 12 $\frac{1}{2}$ inch casing

1400 feet 10 inch casing

1800 feet 8 $\frac{1}{4}$ inch casing

2800 feet 6-5/8 inch casing

2 joints of 20 drive pipe (20 inch)

*Gravels
from sample
by J.W. Howell
Fieldman etc*

16987

LOG

Top	Bottom	Formation and Remarks
	20	Dirt
	25	Sh
	30	L
	40	Sl
	100	dark sd
	130	sd wtr
	340	Sh
	365	L
	370	Sh
	440	L
	500	Sh
	575	L
	600	Sh
	735	L
	750	Sh
	770	gray sd wtr
	853	dark sh
	858	L
	900	Sl
	935	Sh
	955	L
	980	Sh
	985	L
	990	Sh
	1000	L
	1046	Sl
	1060	L
	1070	Sh
	1075	L
	1160	Sh
	1185	sd
	1230	Sh
	1235	L
	1290	Sh
	1300	L
	1385	Sh
	1420	Brown L
	1425	sd
	1432	brown L
	1462	oil sd
	1815	L
	1840	Dark Sh
	1850	dark
	2110	dark sd wtr
	2134	brown L

State

Company

County

Farm

Well No.

T. 7 R. 7

Contractor

Commenced

Completed

Remarks

Altitude

Production

S W N E S W

CASING RECORD

	10"
	8 1/4"
20"	6 1/2"
15 1/4"	5 3-16"
12 1/4"	
Shot	Quarts
	Between

LOG - CONTINUED

Top	Bottom	Formation and Remarks
	2145	sd L
	2190	sd
	2240	sd
	2250	brown L
	2290	sd
	2330	brown L
	2345	sd
	2353	brown sd
	2360	brown sd L
	2416	L
	2431	sd sh green
	2440	pink L
	2540	oil sd
	2576	brown L
	2578	brown sh probably green
	2617	pink L
	2662	L all colors
	2868	L mica
	2707	L all colors
	2733	sd L green
	2737	sd sh
	2738	black L green

LOG - CONTINUED