

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

DEEPENING RECORD:

Company - VALERIOUS OIL & GAS CO.
Farm - Oswald No. 4

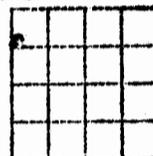
SEC. 17 T. 12 R. 15W
SW NW NW

Total Depth. 3296'
Comm. 3-18-25
Shot or Treated.
Contractor.
Issued. 4-2-49

Comp. 5-14-25

County. Russell

KANSAS



Elevation. 1862 *ft.*

Production. 200 bbls.

CASING:
15 1/2" 405' (-5/8" 2618'
12 1/2" 892' 5-3/16" 2941'
8 1/2" 2340'

Figures Indicate Bottom of Formations.

shale wh	20	limestone	1830
shale blue	70	shale	1840
shale	145	limestone	1867
shale blue	180	red rock	1880
shalewh	260	limestone	1900
water 25 200'		red rock	1910
red rock	300	limestone	1932
shale wh H FW	310	shale	1947
sand wtr	405	red rock	1975
shale wh	480	shale brwn	1980
shale blue	495	shale	2010
shale muddy	515	limes hrd	2025
sand	525	shale	2057
shale	540	limestone hrd	2073
lime	550	red rock	2120
red rock	555	limestone	2127
shale wh	565	shale	2145
sand sft	580	limestone	2150
lime	590	shale	2165
shale brwn	595	limestone	2173
red rock	654	shale	2210
limestone hrd	660	limestone	2215
red rock	790	shale	2240
limestone	795	limestone	2245
red rock	800	shale	2273
limestone	805	limestone	2278
red rock	825	shale	2315
limestone	830	limestone	2325
red rock	847	shale	2340
limestone	855	limestone	2345
red rock	867	shale	2345
shale	869	shale blk	2440
sand	874	limestone wtr	2470
shale	892	shale	2495
lime	935	limestone	2505
red rock	1040	shale	2560
shale blue	1087	limestone	2570
red rock	1160	shale	2618
shale blue	1280	limestone	2623
salt	1465	shale some oil	2630
shale	1525	lime	2660
limestone	1530	shale	2668
shale	1563	limestone	2810
limestone	1568	slate	2818
shale	1595	limestone	2850
lime wh	1600	shale	2868
shale	1605	limestone	2908
lime hrd	1625	shale	2924
red rock	1630	lime wh hrd	2936
limestone	1635	slate green	2940
red rock	1645	shale red	2941 1/2
limstone	1675	shale brwn	2950
shale	1680	slate blue	2956
red rock	1685	lime pay	2967
limestone	1720	slate	2974
red rock	1745	lime	2983
limestone	1777	oil pay	2986
shale	1820	lime	3060
		Total Depth	

Pay 2996-2903
Pay 3040-3045

DEEPENING RECORD:
Deepened by: Sohio Petro.
#4 Oswald-Wilcox "B"
Total Depth 3296'
4 1/2" liner @ 3210' 277'
Gamma Ray 63 & 3162-88
S. 2 BO & 1 BWPH 8 hrs.
7" 2956'
Prod. Est. 40 BO & 20 BWPD.

12-1-48 - OWDD

Tops:
Lansing 2956
Dz. 3245
Weath. Granite 3259