

15-167-45270

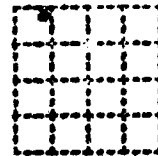
MID WEST REFINING CO.  
Ed. Oswald No. 5

SEC. 8 T. 12 R. 15W.  
NE NW NW  
2310' N SL 990' E WL NW $\frac{1}{4}$

DEEPENING RECORD AND  
PLUGGING BACK RECORD

County Russell.

Total Depth. 3126 P.B. 2893  
Comm. 7-22-25 Comp. 10-25-25  
Shot or Treated.  
Contractor.  
Issued. 5-31-41



CASING.

15 $\frac{1}{2}$ " 410'11"  
12 $\frac{1}{2}$ " 862'3"  
10" 2393'6"  
8 $\frac{1}{4}$ " 2470'  
6 $\frac{3}{4}$ " 2910'2"  
5" 3005'

Elevation. 1827.7

Production. 234 B.

Figures Indicate Bottom of Formations.

Surface	36	shale red	1930	DEEPENING RECORD.
shale blue	46	lime	1950	Comm. 10-25-26 Comp. 11-16-26
shale blk	121	shale red	1955	No test before or after deepening.
shale blue	150	lime	1965	lime 2952- 2985
shale grey	182	shale red	1970	shale 2988
shale blk	190	lime	2020	sdv lime water 2997
shale grey	195	shale red	2046	Total Depth. P.B. to 2962
lime	205	lime white	2105	shot 2946-54
shale white	210	shale red	2140	
shale pink	235	shale blue	2153	DEEPENING RECORD.
shale blue	240	lime	2180	Comm. 4-13-27 Comp. 4-28-27
shale pink	282	shale red	2200	No test available before or
shale blue	300	shale blue	2285	after deepening.
sand wh water	398	lime	2290	lime 2997- 3035
shale grey	404	shale blue	2291	lime soft sh oil 3037
shale blue and iron	418	lime	2310	broken lime and shale 3042
shale blue	420	shale blue	2373	lime 3055
sand white	470	shale blk	2393	lime and blue shale 3070
HFW 425		lime SLM	2400	lime 3078
shale blue	486	lime shGas	2417 2420	shale red 3088
sand white	500	lime	2423	lime & shale red 3095
sdv shale grey	528	sand	2428	lime 3105
sdv shale red	547	Gas about 1 $\frac{1}{2}$ Mil or more		lime and shale 3112
sdv shale grey	560	shale blk	2453	shale 3120
sdv shale red	583	shale grey	2470	lime soft Oil 3126
shale red	627	lime	2480	Total Depth.
iron	639	shale grey	2490	PLUGGING BACK RECORD.
shale red	690	lime	2496	Stanolind Oil and Gas Co.
lime blk	703	shale grey	2513	Comm. 1-6-41 Comp. 2-26-41
shale red	862	lime	2518	Prod. - Pot. 67 B. trace of wtr.
lime white	902	shale blue	2558	Pumping test.
shale red	1025	sand grey	2565	T.D. 3126 Lansing K.C.
shale blue	1055	2 $\frac{1}{2}$ BW per hr	2560-	Lane Wells Perforated 48 shots
shale red	1125	show oil		2945-2954 36 shots 2907-2913
shale blue	1185	shale blk	2600	Well tested 8 gal water show oil
lime white	1197	lime grey	2612	per hr. Hole bailed dry and
shale blue	1210	shale grey	2645	cleaned up with 100 gal acid. Inc.
shale brown	1222	lime	2722	in oil to 1 gallon per hour with
salt and shale	1268	shale blue	2725	equal amount of water. Acidized with
salt	1320	lime	2760	1000 gal. Lower pay 2947-2952 and
lime and shale	1372	shale grey	2788	2000 gal from 2909-2913. Lane Wells
shale grey	1395	lime	2826	perforated 2862-2884, one shot
shale blue	1470	(Oil 2875)		each 2 feet. Hole filled up 500'
lime and shale	1515	shale grey	2862	with oil and water 5 Min. Gun per-
lime	1560	lime	2884	forated 12 shots 2862-2866 and
shale red	1565	Hole caving and		swabbed rate 1 bbls water 1/2 bbls
lime	1573	more Oil.		oil per hr after head off. Drilled
shale red	1605	lime	2894	plug to 2893 and gun perforated
lime	1625	shale red	2900	72 shots from 2862-2884. Washed
shale pink	1645	shale blue	2908	hole with 100 gal acid and bailed
lime Gas at 1650	1680	Oswald lime	2909	8 gal water trace oil per hr. Acid
red shale	1715	lime Oswald Pay	2912 $\frac{1}{2}$	1000 gal. 2000 gal acid.. Pulled
shale blue	1745	Swabbed 121 bbls 1st Day	56	load oil and 238 bbls new prod
lime	1785	lime	2924	36 hours. Last 8 hrs swabbed 94 oil
shale red	1788	lime & shale	2931	trace of water.
brown lime broken	1858	lime	2952	Total Depth 3126 Lansing K.C.
shale grey	1880	Total Depth.		Plugged back 2893 Topeka.
lime	1900			