

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

NATIONAL REFINING CO.
Wilson No. 1.

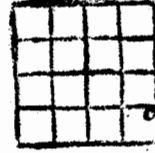
SEC. 36 T. 27 R 2E.
NE SE SE

Total Depth. 3110 $\frac{1}{2}$ P.B. 3109 $\frac{1}{2}$
Comm. 4-2-38 Comp. 5-5-38
Shot or treated.
Contractor.
Issued. 5-21-38

County Sedgwick.

CASING.

20" 70' 8 $\frac{1}{2}$ " 2475'
15 $\frac{1}{2}$ " 599' 65/8" 2925'
12 $\frac{1}{2}$ " 1259'
10" 2042'



Elevation.

Production. Pot. 240 B. Nat.
No wtr

Figures Indicate Bottom of Formations.

SAMPLE LOG FROM 1550 to 3110 $\frac{1}{2}$ '

shale	15	shale	1115	lime grey	1732
sand	20	lime	1130	granular lime crystalline	1766
lime	25	shale	1135	shale dark grey	1774
shale	40	lime	1160	denso lime	1777
lime	50	shale	1165	dark grey shale	1787
shale	70	lime	1175	lime light grey	1798
lime	73	shale	1183	lime grey	1802
shale	80	lime	1185	crystalline lime light	1806
lime	95	shale	1210	shale dark grey	1810
shale	110	sdv lime	1220	sdv shale fine	1813
lime	140	sdv shale	1250	shale grey	1825
shale	155	shale	1258	lime grey granular	1835
red rock	160	lime	1312	shale grey	1845
lime	165	shale	1325	sdv shale fine	1850
red rock	175	lime	1335	micaceous sand	1870
lime	330	shale	1390	macaceous sdv shale	1975
shale	335	lime	1445	shale grey	1983
lime	345	shale	1467	lime grey	1988
red rock	350	lime	1485	shale grey	1993
lime	375	shale	1500	micaceous sdv shale	2000
red rock	390	lime	1535	lime	2 002
lime	430	shale	1550	shale grey	2006
shale	435	sdv micaceous shale	1570	red rock	2 009
red rock	440	shale grey	1583	shale grey sdv	2013
lime	450	grey crystalline		sand grey	2038
shale	455	lime highly fossil-		crystalline lime (leached)	2065
lime	460	iferous	1590	denso grey lime	2080
shale	470	shale grey	1600	shale grey Micaceous	2165
lime shale brks	505	fossiliferous lime	1607	shale grey	2205
lime	520	shale dark grey	1612	fossiliferous lime (brown from	
shale	525	grey fossiliferous		2205-2210)	2217
lime	530	lime	1618	shale grey	2367
shale	543	dark grey and green		fossiliferous grey lime	2370
lime	555	grey shale	1622	shale dark grey	2374
shale	563	light leached lime		light crystalline lime (porous	
lime	585	fossiliferous	1630	and oolitic	2410
shale	597	dark grey shale and		lime and chert	2465
lime	602	green grey shale	1635	crystalline lime	2473
shale	607	light fossiliferous		shale blk	2475
lime	625	lime	1638	brown crystalline lime	2490
shale and shells	660	dark grey and green		shale blk	2495
lime	670	grey shale fossil-		crystalline lime & chert	2516
shale	675	iferous	1647	shale blk	2518
lime	695	grey crystalline lime		denso crystalline lime	2525
shale	700	fossiliferous	1650	Oolitic lime	2535
lime	720	dark grey shale	1659	grey micaceous shale	2540
broken lime	735	lime shells	1660	dark fossiliferous lime and	
shale	740	green grey shale	1665	mottled chert (oolitic in	
lime	765	shale grey fossilifor-		places)	2570
shale	805	ous	1674	shale dark	2590
lime	815	grey crystalline lime	1683	dark fossiliferous lime	2595
shale	960	leached fossiliferous lime		shale green	2603
sand	970	considerable oil re-		denso crystalline lime	2608
shale	1005	sidue	1697	denso crystalline lime glauconitic	
sand	1015	chert and lime	1716	oolitic in base	2619
sdv shale	1080	dark green grey shale		shale green grey	2623
lime	1091	pyritic	1728		

OVER

National Refg. Wilson No. 1. 36-27-2E
Sedgwick county

grey crystalline lime	2628
shale green grey	2632
red rock	2636
shale grey and green	2645
dense lime	2652
green grey shale and red rock	2660
grey lime fossiliferous	2662
shale blk	2664
lime	2666
grey green shale and red rock	2681
dense lime fossiliferous	2702
shale dark	2705
lime	2708
shale blk	2712
lime dense	2718
green grey shale	2725
dense fossiliferous lime	2740
dark shale	2760
dense lime	2765
green grey shale coal frags 68-70	2775
lime dense	2777
shale green	2791
lime dense	2796
green grey shale & red rock	2800
dense lime	2804
various colored shale	2824
various colored chert	2845
chert and white crystalline lime	
leached lime from 72-78	2890
chert white	2900
chert and white leached crystalline	
lime	2925
shale green	2926
chert white and leached crystalline	
lime	2938
grey chert and leached fossiliferous	
lime (crinoids)	2980
lime grey	2995
buff dense lime	3000
shale green	3024
coarse crystalline lime	3050
shale blk	3104
sand saturated	3110 $\frac{1}{2}$
Total Depth.	

Formation Tops:

Stalnaker	2013
Lansing	2037
Kansas City	2367
Mississippi	2824
Wilcox	3104

WATER RECORD.

1 BWPFR	285-95
HFW	568-75
1 BW	960-70
1 $\frac{1}{2}$ BW	1005-15
1 $\frac{1}{2}$ BW	1475-85
2 BW	1735-40
10 BW	2034-37
4 BW	2380
HFW	2445-50
5 BW	2900

show gas 110-20

show oil 2395-2400

oil 3105-3109

Trace water 3110 $\frac{1}{2}$ plugged back to 3109 $\frac{1}{2}$
with 125 lbs lead wool.