

WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY

UNION NATIONAL BANK BLDG., WICHITA, KANSAS.

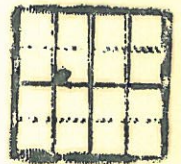
Location SW SE NW
991.4'W 332.3'N Cen. Sec.

Sec. 20 T. 26 R. 5E

Casing Record

County- Butler

20" 10" 1750 Farm- Koogler No. 35
15 1/2" 8 1/2" 2269 Company - Empire Oil & Ref. Co.
12 1/2" 675 65/8" 2500 Contr.- H. Trapp
12 1/2" 942 53/16" Comm.- 8-9-29 Comp.- 9-13-29
Total Depth 2584 Shot 100 Quarts Between 2515-81
Correspondence Regarding This Well Should Be Referred to



Figures Indicate Bottom of Formations.
Date Issued. 11-2-29

Elevation
Initial Production Est. 200 bbls.

Formation	Depth	Formation	Depth	Formation	Depth
soil	5	brkn lime HFW	975	shale & lime	2500
lime	15	lime	985	lime	2520
brkn lime	35	shale	1065	lime & sandstone	2527
shale	40	lime	1140	sandstone	2533
shale	45	shale	1155	S.S. with reddish	
lime	65	lime	1160	cast	2554-58.
shale	70	shale	1165	shale green	2584
red rock	75	lime	1325		
lime	85	shale	1330	Total Depth	2584
shale	90	lime	1340		
lime	100	shale	1370	T.V.L. 2497 1/2.	
shale	125	lime	1405	T.W. 2523.	
red rock	135	shale	1410	T.green shale	2583.
lime	150	lime	1415	Bailed 6 bbls. hr.	
shale	165	shale	1425	natural.	
lime	180	lime	1440		
brkn lime	225	shale	1465		
lime	235	lime	1470		
shale	245	shale	1540		
lime	255	shaly shale	1570		
shale	275	shale	1585		
lime 1 BW 280	300	lime	1595		
shale 1 BW 300	310	shale	1615		
lime	330	lime	1640		
shale	340	shale	1700		
brkn lime	370	lime big	1900		
lime	395	2 BW 1885, 1 BW	1890'		
shale	420	shaly shale & lime	1935		
lime	440	shale	1995		
shale	450	Oswego lime	2145		
lime	460	shale	2150		
brkn lime	485	Oswego lime	2190		
shale	500	shale	2235		
sand 8 BW 500	518	lime	2250		
shale	530	shaly shale	2275		
lime	540	shaly sandstone	2283		
brkn lime	560	lime	2295		
shale	615	shale blk	2307		
sand 5 BW	630	lime & shale	2320		
shale	640	shale & lime	2325		
lime	645	shale	2360		
sand 3 BW	655	lime	2370		
Hole making 22 BWPH		break	2372		
shale	700	lime	2375		
lime	710	shale drk	2380		
shale & lime	735	shale pink	2385		
lime	765	lime	2405		
shale	775	shale	2410		
lime	815	shale drk	2435		
shale	820	lime brkn	2460		
lime	845	shaly shale	2463		
shale	860	shale drk	2470		
brkn lime	880	shale	2488		
lime	895	SLM	2485		
sand HFW	915	shale & lime	2489		
shaly shale	930	shale	2495		
shale	945	First free oil & Gas			
lime	955	at 2501'.			