

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.

UNION NATIONAL BANK BLDG, WICHITA, KANSAS

Location. Sec SE

Sec. 23 T. 17 R. 10W

Casing Record.

County. Ellsworth.

10" 1830 Farm, Heiken No. 1-B
 20" 158 8-1/2" 2510 Company, Slick Pryor Lockhart-Darby Petro.
 15 1/2" 317 65/8" 3020 Contr. Rosenthal & Beardmore.
 12 1/2" 53/16" Comm. 12-31-32 Comp. 2-13-33
 Total Depth, 3262 Shot Quarts Between.
 Correspondence Regarding This Well Should Be Referred To.



Figures Indicate Bottom of Formations.

Elevation Initial Production.

Date Issued. 2-18-33

Pump 65 B. in 24 hrs.

Formation	Depth.	Formation	Depth.	Formation	Depth.
soil	10	red rock	1790	lime	3125
clay	30	lime	1815	shale	3135
sand	60	shale B.	1820	1 BW 3145	
water 30 to 60		red rock	1830	lime	3155
sand	110	lime	1860	Hole caving.	
slate blue	115	lime	1885	lime	3160
red rock	125	shale	1895	shale	3170
red rock	150	lime	1955	lime	3185
slate blue	170	lime	2000	show oil 3177-3181	
slate blue	265	shale and lime shells	2025	lime	3188
sand	275	slate blue	2080	slate	3194
slate blue	340	red rock	2095	lime broken	3200
2 BW 350		shale blue	2135	lime broken	3202
sand	360	show of gas 2145		show oil 3245-3251	
red rock	380	lime	2150	conglomerate	3251-3244
red rock	400	2 BW 2150		Corrected measurement.	
sand 3 BW 410	415	shale	2220	siliceous lime	3260
red rock	475	lime	2230	siliceous lime	3262
shale blue	490	shale	2275	TD.	
lime	515	lime	2305	Swabbing 12 hours.	
red rock	735	shale	2330	swabbed head off 2 hours	
shale blue	785	lime	2340	107 bbls.,	
red rock	835	shale	2360	19 hours swabbing made	
shale blue	845	shale	2420	142 bbls 7 1/2 bbls per hr.	
slate blue	935	lime	2425	1 1/2 BW	
salt	1025	shale B.	2460		
salt	1190	lime	2475	VR 15 1/2 498 133/8 1203'10"	
slate blue	1210	shale	2485		
lime	1215	lime	2495	VR 65/8 3173	
slate	1235	shale	2505		
slate W.	1250	gas sand	2510		
lime	1260	gauged 1,600,000 ft.			
shale B.	1280	lime	2620		
slate and shells	1340	slate blue	2630		
lime	1350	lime	2675		
shale and shells	1420	shale	2680		
slate and shells	1450	lime	2675		
red rock	1460	shale	2680		
lime	1485	lime	2695		
slate	1495	shale	2700		
lime broken	1535	lime	2720		
lime wtr from 1550-	1550	lime	2765		
sdv lime 60	1560	shale	2775		
lime	1615	lime	2790		
red rock	1620	red rock	2795		
lime	1625	shale B.	2830		
shale B.	1635	shale	2875		
lime	1645	lime	2880		
red rock	1650	shale	2885		
lime	1670	lime	2900		
shale blue	1680	lime	2950		
lime	1700	shale	2960		
red rock	1705	lime HFW 2980-85	2980		
red rock	1710	lime	2985		
shale B.	1715	gas 2960-70 100,000			
red rock	1725	lime	3040		
lime	1735	slate	3045		
shale B.	1750	slate	3060		
lime	1765	lime	3070		
shale B.	1780	slate	3090		
		sh oil 3090-95			

On the corrected measurement green shale with blk muddy break in sample 3257 to 3260