

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

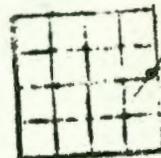
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MORGAN, FLYNN - COBB.  
Essmiller No. 1

SEC. 16 T. 19, R. 14W.  
Sec NE  
330' N of S.L., 330' W of E.L.

Total Depth. 3742  
Comm. 4-11-37 Comp. 6-15-37  
Shot or Treated.  
Contractor, Haskins Bros.  
Issued. 7-17-37

County, Barton.



CABLE TOOL TEST.

CASING.

15 1/2"	292'	85/8"	3370'6"
12 1/2"	854	7"	3634'7"
10"	2130'3		

Elevation.

Production. DRY.

Figures Indicate Bottom of Formations.

Cellar	12	lime hard	2035	shale blue	2765
sand rock yellow	75	3 BWPHR 2025-35		lime	2770
12 B fresh wtr PHR 65-75		red rock	2045	shale blue	2785
clay yellow	95	lime hard	2055	lime hard	2795
clay blue	130	lime & blue shale brks	2065	lime	2800
sand	145	shale brown	2075	shale blue	2825
shale rod	175	lime soft	2085	lime	2828
shale blue	185	lime hard	2093	shale and shells	2835
mud blue	240	shale dark & shells	2120	lime	2840
mud dark	260	bad cave developed here.		shale	2850
shale blue	285	rod rock 16" 11	2130	shale blue & shells	2894
sdv	288	lime hard	2133	lime	2950
shale dark	330	lime	2138	lime sdv	2970
Artesian water sand	360	shale blue	2145	2 BWPHR 2960-70	
hole filled with wtr	340	lime	2148	lime	3002
shale	375	shale dark	2153	shale	3008
shale rod	405	lime soft	2160	lime	3020
sand	435	lime hard	2165	shale	3025
flowing, est. 1,000 bbls		lime	2170	lime	3055
por day. Less pressure than		shale blue	2180	lime hard	3075
expected.		rod rock	2185	lime	3080
shale rod	445	lime	2195	shale	3085
sand and shale	455	shale blue	2200	lime sdv	3095
sdv shale rod	655	lime	2250	1 BWPHR 3085-95	
shale rod	660	shale brown	2265	lime	3152
mud rod	700	lime hard	2285	shale blk	3156
sdv shale rod	710	hole caving brown shale cave		shale blue	3168
shale rod	840	lime	2310	Measured up and found hole	
anhydrite lime	854	shale blue	2315	to be 6' deeper than	
lime	870	shale brown	2330	logged.	
shale rod	995	lime	2405	lime 3174-	3191
rod rock	1115	shale blue	2424	small show deadish oil	
shale blue	1165	lime	2429	shale blue	3195
rod rock	1210	Measured up and found hole to		shale pink	3200
shale blue	1305	be 10' deeper than logged.		shale blue	3225
salt	1595	shale blue 2439-	2456	severe cave	
shale blue	1605	lime	2460	lime	3227
shale blue & lime		hole started caving.		shale	3247
shells	1650	shale blue	2472	lime	3255
lime	1695	lime	2480	checked Meas. exact	
lime and blue shale		shale blue	2505	lime soft	3265
breaks	1710	lime	2515	lime	3280
shale blue	1715	shale blue	2520	shale blue	3287
lime	1745	shale brown	2525	lime	3300
rod rock	1755	lime	2538	lime soft sh oil	3306
lime	1775	shale blue	2623	lime harder	3316
small show gas 1765		lime hard	2633	lime soft	3324
lime sdv	1790	shale blue	2642	water and small show oil	
lime	1795	lime	2645	3322-24	
shale blue	1805	shale blue	2690	lime soft	3352
lime	1853	lime	2695	IFW at 3330	
1/2 BWPHR 1825-35		lime hard	2700	sand water	3370
rod rock	1880	rod rock	2705	sdv	3372
lime sdv breaks	1915	shale blue	2710	lime and shale blue	3378
2 BWPHR 1835-95		sdv lime	2725	lime	3388
lime hard	1925	1 BWPHR 1/2 hr.		shale blk & blue	3390
lime broken	1930	lime	2730	lime	3418
lime	1985	shale blue	2735	small sh oil	3417
lime soft	2000	lime	2740	shale OVER	3425

Essmiller No. 1. Morgan and Flynn-Cobb.  
16-19-14W.

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lime and shalo	3433
lime	3445
show oil 3433-3445 Est 1 gal per hr.	
lime and blue shalo	3453
lime	3473
Marmaton shalo	3483
conglomerate to	3632
small show of gas 3525	
caving severely at 3542	
water sand HFW (no odor)	3643
lime	3646
shaly lime	3655
sand	3725
HFW sulphurous 3655	
granite wash	3744
Halliburton Measurement	3742
Total Depth.	