

J. A. RANKIN
Essmiller No. 1.

SEC. 16 T. 19 R. 14 W
NE SW SE

Total Depth. 3544=3550'SLM PB 3492'
Comm. 5-4-38 Comp. 4-12-39
Shot or Treated. 40 Qts. 3485-3507
Contractor.
Issued. 8-26-39

County. Barton



CASING:

20 " 58' 8 1/4" 2427'
15 1/4" 310' 7 " 3325'
12 3/4" 823' 5 " 3425'
10 " 2161' 114' of 4" liner @ 3519'

Elevation.

Production. Dry

Figures Indicate Bottom of Formations.

sand	70	sand & shale	1875	shale dark	3175
shale	80	brkn lime	1885	lime, shells, shale	3195
red rock	90	lime 2BW 1890-1900	1895	shale	3211
shale	108	brkn lime	1940	shale blue	3218
sand	115	sand & lime	1970	lime	3257
shale	120	lime	2005	shale	3260
sand	135	shale	2010	lime	3275
shale HFW 120	160	red rock	2015	shale HFW 3305-15	3278
red rock	165	lime	2035	lime	3323
shale	185	red rock	2040	sand	3325
sand & shale	190	lime	2070	lime	3326
shale 265-269 Corr.	265	shale	2085	sand & inc wtr	3335
sand	273	lime	2090	shale	3340
shale	310	shale bad oave	2095	lime	3362
shale	318	lime	2105	shale	3365
shale	321	red rock	2110	lime	3390
sand & shale	323	lime	2118	shale brown	3400
sand	330	shale	2123	lime	3415
shale	355	lime	2126	red rock	3425
red rock	385	shale	2130	lime (8m, sh gas 3490-92)	3455
sand	405	lime	2140	conglomerate	3544
sand & red rock	410	no log	2315	3544 equals 3550 SLM	
red rock	420	lime	2350	Total Depth.	3550
sand	435	shale	2380		
red rock	815	lime 2BW 2310-15	2385		
lime	820	shale	2395	Top Conglomerate 3455	
shells	845	lime	2405		
red rock	900	shale	2410	Est. 7,000,000 Gas,	
shale	850	lime	2425	gas 3495-3502 gas 3490-96	
red rock	1030	shale	2490	spraying oil, killed w/wtr	
shale	1080	lime	2495	Plugged back to test gas	
red rock	1085	shale brown	2500	show 3492-3503	
shale	1250	lime	2515	Perforated 76 shots 3492-352	
lime	1255	shale	2545	gauge 268,000 G., R.P.500#	
shale	1285	lime	2550	12 hrs.	
salt	1300	shale	2585	600' oil 1 wk bailed down &	
shale	1305	lime	2617	filled up 100'	
salt	1555	shale	2630		
shale	1560	lime	2635		
salt	1565	shale	2645		
shale	1570	lime	2665		
lime	1595	shale	2668		
shale & shells	1630	lime	2705		
lime	1640	shale brown	2713		
shale	1645	lime	2740		
lime	1665	brkn lime	2750		
shale & shells	1680	shale	2780		
lime	1708	lime	2800		
red rock & shale	1715	lime shale & shells	2820		
sand & lime	1750	lime	2890		
shale & shells	1765	sand & lime	2980		
lime	1775	shale blk	2983		
sand & lime	1785	lime	3010		
shale	1790	3010 equals 3022 SLM			
lime	1800	lime	3125		
shale	1805	shale blk	3128		
lime	1812	lime	3133		
red rock	1830	shale	3140		
lime	1835	lime 3BW 2945-50	3161		
shale	1840	shale blue	3164		
lime 1 1/2 BW 1845-55	1845	red rock	3167		