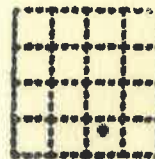


B. B. & M OIL CO.
Esfeld No. 4.

SEC. 28 T. 16 R. 11W
CNL SW SE

Total Depth. 3381=3379 SLM
Comm. 6-19-40 Comp. 8-18-40
Shot or Treated.
Contractor.
Issued. 12-14-40

County. Barton



CASING:
15 1/2" 410' 6 5/8" 3080'
10 " 767' 53/16" 3375'
8 1/4" 2510'

Elevation.

Production. Pot. 3200 B.
Deptho.

Figures Indicate Bottom of Formations.

cellar	8	shale	2125	conglomerate	3369
clay	50	lime	2150	lime	3381
shale	200	shale	2155	3381 equals 3379 SLM	
red rock	225	lime	2175	Total Depth.	
shale	250	shale	2185		
red rock	260	lime	2195		
shale HFW 280	280	brkn limo	2255	sh oil 3375 (free)	
sand	355	lime	2270	pay 3378-80	
shale	375	shale 3 1/2 BWPB 2285	2275	1000' oil 2 hrs	
sand	405	shale & shells	2305	drl oem 3381	
shale	425	lime	2315	total 2500' oil	
sand HFW 425-35	435	shale & shells	2345	3381 equals 3379 SLM	
shale	490	lime	2350	500 gallons acid	
sand	500	red rock	2355	potential 3200 BO Deptho.	
shale	545	shale	2360		
red rock	665	lime	2370	Tops: Lime 3078	
shale	725	shale	2375	Arbuckle 3367 Corr.	
red rock	745	lime	2387		
shale	763	shale	2398		
anhydrite	767	lime	2402		
lime	795	shale	2442		
red rock	1005	lime 1 1/2 BW 2485-90	2453		
shale	1055	shale & shells	2495		
red rock	????	sand & shale	2505		
shale	1125	shale (3 1/2 BWPB 2495-2505)	2530		
red rock	1130	lime	2535		
shale	1210	shale & shells	2560		
salt	1445	lime	2580		
shale	1455	shale	2585		
lime	1505	shale & shells	2600		
shale	1515	shale	2645		
lime	1525	lime	2655		
shale	1530	shale	2665		
lime	1540	lime	2700		
shale	1545	shale	2705		
lime	1585	lime 1 BWPB 2755-60	2830		
shale	1590	shale	2835		
lime	1630	lime	2845		
shale	1640	shale	2850		
lime	1660	lime	2894		
brkn lime	1685	shale	2896		
red rock	1692	lime	2915		
lime	1725	shale	2930		
shale (1 BWPB 1770-80)	1740	lime	2994		
lime (1 BWPB 1825-35)	1845	shale	3000		
red rock	1855	lime	3010		
lime	1870	red rock	3015		
shale	1880	shale	3078		
lime	1910	lime	3085		
shale	1920	shale	3095		
lime	1935	lime (3 BWPB 3190-3215)	3190		
red rock	1940	brkn lime	3215		
lime	1955	lime	3258		
red rock	1960	shale	3260		
lime	2010	lime	3275		
shale	2020	shale	3277		
lime	2040	lime	3305		
shale	2050	shale	3310		
lime	2060	lime	3356		
red rock	2070	shale	3358		
lime	2115	lime	3364		