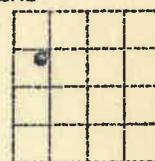


Company - BLACK-MARSHALL OIL CO.
Farm - Joseph No. 1.

SEC. 32 T. 16 R. 11 W
NE SW NW

Total Depth. 3364' Corr.
Comm. 2-14-44 Comp. 4-3-44
Shot or Treated.
Contractor.
Issued. 6-10-44

County. Barton
KANSAS



CASING:
12 1/2" 475' 7" 3135'
10" 780' 5 1/2" 3370'
8" 2500'

Elevation. _____

Production. Pot. 3000 B.

Figures Indicate Bottom of Formations.

cellar	10	shale blue	2225	Tops:
clay yellow	30	lime	2235	Anhyd. 774
shale blue	195	shale	2240	Lansing 3085
red rock	215	lime	2245	Arb. Dolo. 3352
shale lgt	220	shale	2255	
shale	245	shale & shells	2285	
red rock	270	shale	2295	
sand	300	shale & shells	2355	
shale	315	red rock	2360	
sand	335	lime	2370	
shale blue	375	shale	2385	
sand	440	red rock	2390	
shale blue	460	shale	2435	
sand	468	shale dk	2446	
shale blue	490	lime	2460	
sand	500	shale	2513	
shale blue	535	lime	2540	
red rock	768	shale	2545	
chalk	774	lime	2560	
anhydrite	800	shale	2570	
shale blue	805	lime	2575	
red rock	1005	shale	2595	
shale blue	1065	lime	2600	
red rock	1105	shale	2663	
shale blue	1200	lime	2685	
salt brkn	1220	shale	2695	
salt	1450	lime	2845	
shale & shells	1500	shale	2850	
lime	1525	lime	2985	
shale	1530	shale	2995	
shale blue	1540	lime Dodge	3000	
lime	1550	lime	3010	
shale blue	1560	red rock	3020	
lime	1615	shale sdy	3030	
shale & shells	1655	shale	3070	
lime	1690	shale & shells	3090	
shale blue	1700	lime	3155	
red rock	1725	shale	3160	
sdv shale	1740	lime	3304	
shale	1755	red rock	3314	
lime	1850	lime	3362	
shale	1905	shale	3365	
lime	1925	lime	3368	
shale	1945	Arbuckle	3377	
red rock	1950	Corrected T.D.	3364	
lime	1970	Total Depth.		
red rock	1975			
lime	2000			
red rock	2005	1/2 BWH 185-90		
lime	2030	HFW 270-300		
shale	2035	HFW 490-500		
lime	2050	2 1/2 BWH 1825-35		
shale	2055	2 BWH 2035-45		
lime	2070	3 BWH 2485		
red rock	2080	2 BWH 2435 ?		
lime	2115			
shale & shells	2155	sh oil 3025-30		
red rock	2165	gas & wtr 3120		
lime	2180			
shale & shells	2200			
lime	2215			