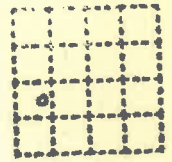


GULF OIL CORP.  
 Joseph No. 3

SEC. 29 T. 16 R. 11W.  
 CEL NW SW  
 660' f NL 1050' f WL NW $\frac{1}{4}$ SW $\frac{1}{4}$

Total Depth. 3323  
 Comm. 8-20-41 Comp. 9-9-41  
 Shot or Treated.  
 Contractor.  
 Issued. 11-1-41

County Barton.



CASING.

95/8" 319' cement  
 7" 3314' cement

Elevation

Production. Pot. 328 B.  
 no water.

Figures Indicate Bottom of Formations.

hard sand rock	60'	broken lime	2455
sand and shale	115	lime and shale	2620
sand rock and broken shale	235	broken lime	2645
shale and shells	430	shale and shells	2697
lime	437	shale lime shells	2729
shale and sand	475	lime	2945
shale and shells	535	lime and shale	3002
red bed and shells	666	lime	3112
shale and shells	705	lime soft	3155
anhydrite	738	lime	3210
shale and lime shells	825	chalky lime soft	3218
shale and sand	846	lime	3301
shale and lime	868	sdv shale & lime	3303
shale and shells	946	sdv lime	3308
shells and broken lime	960	lime	3317
shale and shells	1005	sand	3323
red bed and shells	1025		
salt and shells	1230	Total Depth.	
shale and shells	1440	Tops	
lime and shale	1505	Topeka	2673
lime and shale breaks	1540	Oswald	3035
shale and shells	1575		
shale and lime	1631	Gorham sand	3314-3323
shale and lime shells	1723		
sand soft	1737		
shale and lime shells	1750		
lime	1775		
sdv lime	1802		
lime	1914		
lime and shale	1985		
lime shells	2050		
broken lime	2146		
shale	2160		
shale and lime	2192		
shale	2206		
lime	2215		
shale and lime strks	2260		
shale and shells	2385		