

EMPIRE OIL & REFG. CO.
O'Connor No. 1.

SEC. 17 T. 24 R. 15W
NEo NE
330'S 330'W of NE Cor.

Total Depth. 4130'

Comm. 1-13-37 Comp. 3-29-37
Shot or Treated. 20 Shots 4118-28 $\frac{1}{2}$
Contractor. Corbett & Barbour
Issued. 5-15-37

County. Stafford



CASING
15 $\frac{1}{2}$ " 215'
8 5/8" 4101'
7 " 4130'

Elevation.

Production. Dry

Figures Indicate Bottom of Formations.

sand	60	lime	3925
shale & shells	120	lime & shale	3948
shells	215	brkn lime	3955
shale & shells	385	conglomerate	3990
red bed	440	shale & lime	4037
sand wtr?	715	ohat	4040
red rock	900	sdv shale red & green	4047
shale & shells	1042	shale	4065
lime shells & red rock	1175	shale green	4066 $\frac{1}{2}$
shale & shells	1445	sdv limo(sat.)	4067 $\frac{1}{2}$
salt	1452	shale green	4069
salt & shells	1500	shaly sand(light sat)	4070
shale blue & shells	1555	sdv shale green & shaly	
shale & shells	1640	sand	4083
shale & gyp shells	1805	sulphur gas	4078-83
lime	1982	lime	4131
lime brkn	2160	S.O. 4113-19	
lime	2214	S.O. 4119-28	
lime brkn	2373	SIM Corr. 4131=4130	
lime	2378	Total Depth.	4130
shale & lime shells	2423		
lime brkn	2471		
shale & shells	2554	Shot 20 shots from 4118-28 $\frac{1}{2}$	
shale & lime shells	2637	Fluid level 3100' salt wtr	
brkn lime	2670	after shot.	
shale	2814		
shale & shells	2892		
shale	2930		
shale & shells	2960		
shale	2980		
lime	3014	D. & A.	
shale & lime shells	3067		
lime	3140		
shale & shells	3220		
lime	3260		
lime brkn	3291		
lime	3341		
shale	3370		
lime shells & shale	3391		
lime	3400		
shale & lime shells	3436		
lime brkn	3600		
shale	3630		
grey & greenish grey			
shale	3653		
lime	3791		
S.O. 3783-86			
lime	3832		
S. dead oil	3825-32		
shale	3833		
lime	3854		
lime & shale	3915		
shale green	3920		