

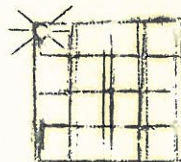
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
Union National Bk Bldg, Wichita, Kansas.

GYPSY OIL CO.-EMPIRE OIL & REFG.
Sabin No. 1.

SEC. 13 T. 23 R. 4W.
NWc NW

Total Depth. 3612 $\frac{1}{2}$ P.B. 3378'
Comm. 12-7-34 Comp. 1-23-35.
Shot or Treated.
Contractor. Olson Drilling Co.
Issued. 4-6-35.

County. Reno.



CASING.

15 $\frac{1}{8}$ " 259' 85/8" 3269'
12 $\frac{1}{8}$ " 592' 7" 3597'

Elevation. 1980

Production. 11 Mil Cu ft gas.

Figures Indicate Bottom of Formations.

surface clay and sand	40	lime	3268
sand	70	chat	3395
clay	138	chat hard	3411
sand and gravel	197	lime	3425
shale	254	chat and lime	3447
red rock	259	lime and chat hard	3459
sand	273	lime and chat	3474
shale	482	sticky shale	3480
broken salt and shale	540	shale	3484
shale	600	lime	3496
anhydrite and shale	640	lime brown	3522
shale and shells	710	sticky shale	3560
red bed	722	shale	3595
shale and shells	770	shale cored	3611
lime	808	lime cored	3612 $\frac{1}{2}$
shale and shells	855	Total Depth.	
shale and lime shells	912		
lime	942		
shale	1042		
shale and lime shells	1272		
sdv shale	1285		
shale and shells	1560		
shale	1592		
lime	1635		
shale and shells	1825		
shale	1881		
broken lime and shale	2020		
shale and lime shells	2056		
shale and lime	2124		
shale and lime shells	2142		
broken lime	2422		
sand and sdv shale	2480		
shale and sand streaks	2510		
shale and shells	2552		
shale	2619		
lime	2782		
lime hard	2835		
lime	2880		
lime extra hard	2895		
lime	2922		
Porous lime	2929		
lime	2950		
shale	2986		
lime	3015		
shale and lime	3076		
broken lime and shale	3112		
shale and shells	3174		
shale	3202		
lime	3208		
Variegated shale	3232		
shale	3258		

*lugged back from 3612 $\frac{1}{2}$ to 3378

3260
1480
-1780