

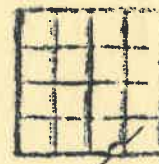
EMPIRE OIL & REFG. CO.
Kunkle No. 1.

CORRECTED LOG

SEC. 16 T.15 R.8W
SE SW SE
330'N 997.8'E of $\frac{1}{4}$ Cor.

Total Depth. 3035'
Comm. 8-29-36 Comp. 9-22-36
Shot or Treated.
Contractor. R.W. Rine
Issued. 11-21-36

County. Ellsworth



CASING:

12 $\frac{1}{2}$ " 300'

3019
1522
1497
1442

Elevation. 1517

Production. DRY.

Figures Indicate Bottom of Formations.

sand	38	dolomite (sft good porosity,	
sand, shale & lime	300	no sat)	3024
shale & shells	1017	dolomite (cored)	3035
lime	1063	Total Depth.	
coring lime & shale	1093		
lime	1098		
shale red	1116		
shale, gyp & lime	1124		
lime & shale streaks			
with trace of gas	1142		
shale & shells	1225		
lime	1384		
lime & shale	1955		
lime	2008		
lime & shale	2525		
lime	2538		
lime & shale	2570		
fossiliferous shale	2574		
red & grey shale	2585		
lime (Lan.-K.C.)	2588		
lime	2593		
lime with thin shale			
streaks	2603		
lime & shale	2645		
lime with few shale			
streaks good			
porosity &			
slight oil			
stain	2660		
lime (small sh oil)	2665		
lime & shale	2703		
lime	2715		
shale & lime	2814		
lime	2885		
shale & lime	2917		
lime	2925		
lime with shale			
streaks	2935		
lime	2940		
lime & shale	2958		
red & grey sdy shales	2965		
conglomerate	2978		
sft sdy shale & dolo-			
mite	2980		
dolomite	2987		
lime	2997		
grey green shaly			
sand	3002		
grey green sdy shale	3008		
grey green shale	3014		
shale	3019		
(Top Arbuckle 3019)			
lime	3022 $\frac{1}{2}$		

Last core appeared to carry H2O