

16-15-8W

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

CORRECTED LOG

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

County. Ellsworth

Total Depth. 3035'

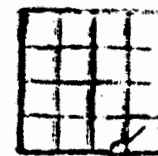
Comm. 8-29-36 Comp. 9-22-36

Shot or Treated.

Contractor. R.W.Rine

Issued. 11-21-36

NOV 21 1936



CASING:

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

Elevation.

Production. DRY.

Figures Indicate Bottom of Formations.

sand	38
sand, shale & lime	300
shale & shells	1017
lime	1063
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

dolomite (sft good porosity,	
no sat)	3024
dolomite (cored)	3035
Total Depth.	

Last core appeared to carry H2O

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 $\frac{1}{2}$

Conglomerate 2978