

KANSAS DEVELOPMENT CO. ET AL
Haller No. 1.

SEC. 10 T. 11 R. 18W
SE c NW

DEEPENING RECORD

Total Depth. 3442
Comm. 6-14-36 Comp. 7-19-36
Shot or Treated.
Contractor. S.A. Murphy
Issued. 8-3-42

County. Ellis



CASING:

20" 61'
12 $\frac{1}{2}$ " 977'
8 $\frac{1}{4}$ " 2918'

Elevation.

Production. Pumped 531 B.

Figures Indicate Bottom of Formations. 13 $\frac{1}{2}$ hours.

sand & clay	28	lime & shale	2822
sand	40	shale dark	2847
shale	61	shale & lime	2880
shale & clay	103	brkn lime	2915
shale dark	290	Topeka lime	2918
shale blue - mud	319	lime	3030
shale blue	349	6 BW 3030	
shale, sand, & lime	400	sdv lime	3033
sand, red rock, shells	490	lime & shale breaks	3051
shale, R.R. & sand	522	Holo. caving	3042
shale & shells	575	Oil	3046-3051
sand	585	Halliburton measure run	
brkn sand	660	and hole was 8' long.	
pyrites & sand	690	Total Depth	SIM 3050
sft sand - water	860		
sand & shale	885		
sand, shale & red bed	940		
red bed	977		
Reamed with 17 $\frac{1}{2}$ " bit		Top Topeka Lime	3046
from 350-977		Steel Line Measurement	3037
sdv red bed	1190	Perforated - 17# 6 5/8"	156'8"
anhydrite	1230	Drilled 4 feet through liner	
shale	1250	and made total depth	3050
red bed	1350	Liner perforated 15 feet	
shale brown	1425	Rods pulled - cups off	
shale blue & shells	1600	DEEPENING RECORD:	
shale brown & blue & shells	1730	J.H. Bloch	
brkn lime	1810	Contractor. - Pulse Drilling Co.	
lime grey	1851	Comm. 4-19-42 Comp. 5-27-42	
lime grey & brown	1901	Prod. Pot. 260 B. No wtr.	
lime brkn grey	1960	5 $\frac{1}{2}$ " originally set at 3227 UR & com. 3312	
brkn lime & red bed	2000	lime and junk	3050- 3065
brkn lime & shale	2022	lime & round shale	3087
lime grey	2072	lime	3095
lime grey & shale	2212	lime & breaks	3100
lime & shale	2330	lime	3104
red bed	2340	shale grey	3112
lime & shale	2378	lime soft	3135
lime	2400	lime with red shale	
shale brown & lime	2437	break	3140
shale & shells	2443	lime	3155
lime	2493	shale blue & shells	3164
dk lime & shale blk	2528	lime	3176
lime dk & shale	2560	shale	3180
shale blue & shells	2636	broken lime	3188
shale black	2642	sdv shale	3192
shale & shells	2677	lime	3197
lime	2685	sdv shale	3208
shale blue & shells	2695	lime	3210
shale dk & shells	2735	lime soft sh oil	3227
brkn white lime	2750	lime	3262
shale & shells	2785	shale	3265
		lime	3356
		shale	3360
		lime	3380
		sdv lime & congl.	3442
		Total Depth.	