

WELL LOG BUREAU -- KANSAS GEOLOGICAL SOCIETY
Wichita, Kansas

15-065-00082

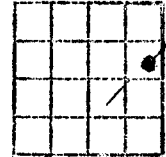
Company - PHILLIPS PETROLEUM
Farm - Harlan No. 1

SEC. 4 T. 10 R. 21W
SE SE NE

Total Depth. 4025
Comm. 7-20-48 Comp. 8-11-48
Shot or Treated.
Contractor.
Issued. 12-10-49

County. *Graham*
~~Frege~~

KANSAS



Elevation. 2272 feet

Production. D & A

Figures Indicate Bottom of Formations.

Surface clay & sand	40
Sand	130
Shale & shells	650
Shale & sand	750
Sand	965
Shale & shells	1085
Iron	1140
Shale & shells	1215
Hard sand	1250
Sand	1350
Shale & sand	1370
Sand	1440
Sand & red bed	1740
Anhydrite	1782
Shale & shells	2090
Salt	2170
Salt & shale	2250
Shale & shells	2310
Lime & shale	2640
Lime	2725
Lime & shale	2820
Shale	2875
Lime & shale	2950
Shale	3070
Lime	3210
Lime & shale	3420
Lime	3694
Lime & shale	3785
Lime	3831
Shale, lime & chert	3873
Conglomerate	3907
Rew. Arbuckle	3929
Conglomerate	3963
Lime & shale	4025

FORMATION TOPS:

Anhydrite	1740
B. Anhy.	1783
Heebner	3496
Toronto	3516
Lans-K.C.	3535
Congl.	3844
Arbuckle	3938

Total Depth