

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

Wichita, Kansas

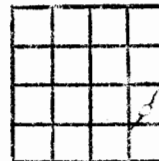
15-065-00410

Company- IMPERIAL DRILLING CO., INC.
Farm- Gick No. 1

SEC. 20 T. 9 R. 23W
C S/2 NE SE

Total Depth. 4382
Comm. 8-17-54 Comp. 8-30-54
Shot or Treated.
Contractor. Imperial Drllg. Co., Inc.
Issued. 10-23-54

County Graham
KANSAS



CASING:
8 5/8" 221' com. w/150 sx

Elevation. 2112 R.B.

Production. dry

Figures indicate Bottom of Formations.

surf. clay & sand	221	3955-60 & 3964-68 Tan, slightly fossiliferous, fine vugular (pin point) porosity. Fair show oil, light odor. DST.
blue clay & shale	389	
shale & shells	1560	
Dakota sand	1800	DST #2 (180' zone) 3956-68, Open 45 minutes. No blow. Recovered 20' mud. BHP 30# in 15 minutes.
shale, shells & redbed	1965	
shale & shells	2042	3979-83 Tan fossiliferous lime, trace free oil and spotted dark stains. Show of pyrite and calcite crystals in porosity.
Anhydrite	2086	
shale & shells	2835	
shale & lime	3676	
lime	4219	Top Chert Conglomerate 4292, Vari-colored cherts, loose sand grains and shale. No shows of oil.
lime (Conglomerate)	4256	
lime	4282	
lime (cherty)	4336	Top Arbuckle 4352, Tan, fine to medium crystalline dolomite, fair to good vugular and intercrystalline porosity. No shows of oil, no odor.
Conglomerate	4356	
lime	4382	Rotary Total Depth 4382. This hole was plugged as dry 8-30-54.
Total depth		
Tops:		
Anhydrite	2042	
Hoebner	3748	
Lansing	3787	
Base Kansas City	4009	
Marmaton	4103	
Conglomerate	4292	
Arbuckle	4352	

Remarks:

Top Lansing-K.C. 3787, Porosity and shows of oil.
3790-93 white oolitic lime, fair interoolitic porosity. No shows.
3804-11 white, slightly fossiliferous to light vugular porosity. No shows, no odor.
3820-25 Vari-colored cherts and fossiliferous to light vugular lime. Spotted show of free oil, no odor. DST

DST #1 (35' zone) 3814-27, open 1 hour. Weak blow throughout. Recovered 55' muddy salt water. I.F.P. 0# FFP 15# BHP 630# in 20 minutes.
3834-40 White fossiliferous vugular lime. No show of oil, no odor.
3869-77 white oolitic lime, good porosity. No show of oil, no odor.
3922-28 Tan to gray, slightly fossiliferous lime, trace of tight porosity, faint trace of light stain. No free oil, no odor.