

24-21-9E

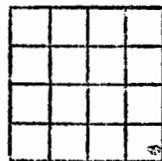
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- THROGMORTON, SAUDER & FRENCH
Farm- Hughes No. 5

SEC. 24 T. 21 R. 9E
SE SE SE
500' N of SL & 300' W of EL

Total Depth. 2289'
Comm. 3-16-57 Comp. 4-10-57
Shot or Treated.
Contractor. Sauder Drilling Company
Issued. 5-18-57

County Chase
KANSAS
Elevation. 1349'



Production. 25 bbls

CASING:

10" @1119' pulled
8" @1621' "
7" @2012' "
4 1/2" @2278' w/25 sx cem
7" 1 Jt. surface cmt'd.

Figures indicate Bottom of Formations.

lime	3	shale	1325	SCOUT TOPS	
shale	15	lime	1435	Bartlesville	2277
lime	20	shale	1520		
shale	55	lime	1530		
shells	65	shale	1545		
shale	75	lime	1555		
lime	80	sand (HFV)	1565		
shale	90	lime	1595		
red rock	95	shale	1597		
shale	125	lime	1610		
lime	130	shale	1620		
shale	170	lime	1660		
red rock	177	shale	1665		
shale	185	lime	1697		
lime	190	shale	1703		
shale	295	lime	1760		
lime	300	(3 BW 1703-15)			
shale	340	shale	1870		
lime	345	lime	1880		
shale	385	shale	1895		
lime	390	lime	1905		
shale	395	shale	1975		
lime	400	lime	1985		
shale	435	shale	1995		
lime	445	lime	2000		
shale	450	shells	2030		
lime	455	shale	2200		
shale	495	Bl shale	2221		
lime	500	light shale	2226		
shale	590	light sandy			
lime	595	shale	2238		
shale	602	broekm sand	2260		
lime	610	very slight			
shale	670	oil odor @2240'			
lime	677	sandy shale	2263		
shale	685	grey sand			
lime	725	(dry)	2266		
shale	735	sandy shale	2277		
lime	745	good brown			
shale	765	sand	2287		
lime	770	sand, grey	2288		
shale	805	sandy shale	2289		
lime	815	Total Depth			
shale	830				
lime	845	Treatment			
shale	860	Drilled to 2285' w/6" tools,			
lime	870	plugged back to 2278' and			
shale	905	set oil string. Hole made			
lime	915	2 gal free oil @2285'			
shale	960	Covered bottom 18" w/frac			
lime	970	sand before sand fracing.			
shale	975	Sand frac'd w/25,000#			
lime	1015	20/40 sand and 650 bbls			
shale	1020	fresh water. Frac'd at			
lime	1045	1000# psi, at 25 bbls per min.			
shale	1080	injection, pressure went to			
sand (10- BW)	1105	zero in 2 hrs. after frac job			
shale	1195	completed.			
lime	1210				