

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

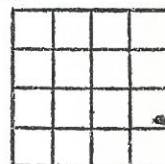
Company- **SMOKEY HILL PETROLEUM**
Farm- **Graham** No. **4**

SEC. **21** T. **14** R. **13W**
SE NE SE

Total Depth. **2313'**
Comm. **9-23-56**
Shot or Treated.
Contractor.
Issued. **5-24-58**

Comp. **10-11-56**

County **Russell**
KANSAS



CASING:
12½" **225'**
10" **396.30'**
8" **700'**
7" **2310'** cem w/75 sx.

Elevation. **1770'** RB

Production. **40 BOPD**

Figures indicate Bottom of Formations.

cellar	10	shale	1950
sand	60	red rock	1960
shale	122	lime	1985
sand	210	shale	1995
Hole full water	122-142	lime	2000
shale	225	2000 = 2025	
sand	230	lime	2030
shale	265	lime	2040
sand, shale	300	shale	2050
shale	310	lime	2070
sand 5 BWPB	315	lime	2085
sand	345	shale	2095
HFW 330-345		lime	2110
shale	355	lime	2125
sand	360	shale	2170
shale	396	shells, shale	2205
red rock	455	shale, shells	2240
red rock	697	lime	2250
2 BWPB 535-550		shale	2270
Anhydrite lime	700	lime	2275
lime	733	red rock	2283
shale	740	shale	2289
red rock	835	sand	2290
red rock	895	show oil 2289-90	
shale blue	945	grey shaley sand	2292
red rock	1025	dark brown lime	2295
shale blue	1030	black gritty shale	2297
shale	1105	grey-black pyrite	
salt	1230	& shale	2303
salt	1375	grey-black sandy shale	2306
lime, shale	1425	light grey mica. sand	2313
shale, shells	1435	Total Depth	
red shale	1440		
lime	1455	TOPS:	
red rock	1460	1st Tarkio	2286
lime	1480	2nd Tarkio	2306
shale	1495		
lime	1530	Perf. w/47 shots @ 2285-89.	
shale	1550	Perf. w/48 shots @ 2285-89.	
shale	1560		
lime	1585		
shale	1590		
lime	1600		
red rock	1615		
lime broken	1680		
lime	1745		
shale	1760		
lime	1785		
shale	1800		
lime	1820		
shale	1830		
lime	1845		
lime	1875		
shale	1895		
shale	1905		
lime	1945		