3- 15-13W

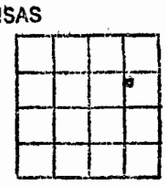
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- H. B. SHUMAKER
Farm- Shaffer No. 4

SEC. 3 T. 15 R. 13W
NW SE NE
990' N of SL, 1650' E of WL, NE¼

Total Depth. 3103
Comm. 7-9-52 Comp. 8-20-52
Shot or Treated.
Contractor.
Issued. 12-6-52

County Russell
KANSAS



Elevation. 1843 DF.

CASING:
8" 2430'
7" 3075'
5½" 3090' cem w/175 sx

Production. Pmp 50 bbls + no water

Figures Indicate Bottom of Formations.

cellar	10	lime	2225
post	15	shale	2235
clay yellow	25	shale, shells	2410
shale blue	140	shale	2431
shale light	165	lime	2438
shale	175	shale	2490
sand	180	lime	2495
red rock	195	shale	2505
sand	200	lime	2510
red rock	220	shale, shells	2570
shale	250	lime	2580
sand	270	shale	2630
iron	275	lime	2650
shale gry	300	shale	2670
red rock	315	lime	2690
red sand	335	shale	2700
sand	345	lime	2837
shale	400	shale	2842
shale blue	430	lime	2860
shale	452	shale	2865
sand	475	lime	2940
shale	490	shale	2955
red rock	794	lime	2970
lime anhydrite	800	shale	2995
lime	830	shale sandy	3015
red rock	1000	lime	3050
shale blue	1040	lime sandy	3065
red rock	1085	lime	3077
shale blue	1100	shale	3079
shale	1170	lime	3100
shale blue	1195	lime	3103
salt	1450	Total Depth	
shale, shells	1525		
lime	1535	Tops: Scout.	
shale, shells	1585	Anhydrite	794
brown shale	1595	Topeka	2715
lime	1640	Lansing	3015
shale	1655		
lime	1695	Type Rig — Standard Cable Tool Rig.	
red rock	1715		
lime	1845	Tarkio (gas)	2395-2405
shale	1855	Topeka (Show Oil)	2890-2900
redrock	1863	K. C. (oil)	3092-3100
lime	1880		
shale	1890		
lime	1920		
shale	1930		
shale, shells	1990		
red rock	2000		
lime	2015		
shale, shells	2025		
lime	2055		
shale blue	2065		
red rock	2080		
lime	2115		
shale shells	2140		
red rock	2150		
lime	2165		
shale, shells	2185		
lime, shale	2200		