

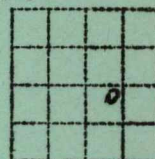
WELL LOG BUREAU KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

Company J. E. MORRIS, et al
Farm Brewer No. 4

SEC. 23 T. 28 R. 7 E
NE NW SE

Total Depth. 2744'
Comm. 7-22-45 Comp. 8-18-45
Shot or Treated. 3000 gal. acid
Contractor. J. E. Morris
Issued. 12-22-45

County. Butler
KANSAS



CASING:

12 1/2" 720' P
10" 1430' P MD 1465'
8" 2172' P
7" 2726' LI Cem.

Elevation. 1471' *nk*

Production. 100 bbls. after acid

Figures Indicate Bottom of Formations.

cellar	5	lime	885	shale	2365
lime	30	shale	950	lime	2370
shale	40	lime	985	shale	2410
red rock	50	shale	995	lime	2425
shells S	60	lime	1000	shale	2430
shale	75	shale	1010	lime	2470
lime	85	lime	1075	shale	2600
shale	90	shale	1045	red rock	2605
lime	120	lime	1050	shale	2725
shale	135	shale	1070	Hole caving 2645-95'	
lime	150	lime	1110	lime	2726
shale	155	1 1/2 BWPH 1070-80'		Br. Dolomitic lime	2744
lime	165	shale	1125	Good Saturation	
shale	175	lime	1147	Hole filled 600'	
red rock	180	shale	1175	w/ Oil in 6 hrs.	
shale	185	lime	1190	Total Depth	
lime	205	shale	1265		
shale	215	lime	1275		
shells S	235	shale	1290		
red rock	245	lime	1320		
lime	255	shale	1340		
shale	270	red rock	1350		
lime	290	shale	1360		
shale	300	lime	1395		
lime	315	Hole caving 1345-80'			
shale	325	1 BWPH 1380-90'			
lime	355	shale	1405		
shale	370	lime	1410		
lime	380	shale	1430		
shells shale	395	sand	1460		
shale	420	6 BWPH 1430-35'			
lime	430	shale	1465		
shale & shells	465	sand	1473		
lime	475	shale	1585		
shale	550	lime	1610		
lime	555	shale	1652		
shale	560	lime	1655		
lime	570	shale	1665		
1 BWPH 560-570'		lime	1820		
shale	595	shale	1855		
lime	610	lime	1870		
1 BWPH 610'		shale	1977		
shale	625	lime	2092		
lime	630	2 1/2 BWPH 2030-35'			
shale	640	2 1/2 BWPH 2045-60'			
lime	660	shale blk	2097		
shale	680	lime	2122		
lime	720	shale b	2125		
5 BWPH 700-705'		lime	2145		
shale	725	Show Oil 2135-40'			
lime	730	shale sdy	2172		
shale	785	shale	2300		
lime	795	red rock	2305		
shale	820	shale	2325		
lime	845	Hole caving 2260-2325'			
shale & shells	860	lime	2335		
lime	867				
shale	875				