

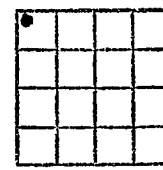
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company- GROSS PRODUCING CO.  
Farm- Emma No. 4

SEC. 30 T. 22 R. 10E  
NW NW NW

Total Depth. 2601'  
Comm. 7-30-57 Comp. 8-19-57  
Shot or Treated.  
Contractor. H & C Drlg. Co.  
Issued. 9-28-57

County Greenwood  
KANSAS



Elevation. 1647' KB

Production. 50 BO- 25 BW

CASING:

8 5/8" 205'  
5 1/2" 2600'

Figures indicate Bottom of Formations.

surface	200	TOPS: Scout	
shale-lime	247	Bartlesville	2556
shale-sand shells	665		
lime-shale	900	Perforation: 2562-2582	3 shots
shale-shells	1094	per foot	
lime-shale	1231		
shale-shells	1420		
shale	1518		
lime	1524		
shale	1543		
sand	1587		
shale	1590		
sand	1598		
shale	1601		
sand	1605		
sdv shale	1624		
sand	1656		
sdv shale	1663		
sand	1675		
shale	1679		
shale w/lime strks	1720		
shaley lime	1734		
lime	1756		
shale	1759		
lime w/shale strks	1777		
limey shale	1782		
shale	1911		
lime w/shale strks	1931		
shaley lime	1952		
lime	1978		
shale	1981		
lime w/shale strks	2008		
shaley lime	2038		
shale	2033		
lime	2059		
shale	2063		
lime	2068		
shale-limey shale	2101		
lime	2103		
shale	2196		
lime	2199		
shale	2224		
lime	2234		
shale	2248		
sand	2256		
shale	2268		
shaley sand	2277		
shale-sdv shale	2302		
shale	2309		
lime	2316		
shale-sdv shale	2396		
lime	2399		
shale w/lime strks	2530		
sdv shale	2556		
shaley sand	2564		
sand	2583		
shale	2585		
sand	2591		
shale	2601		
Total Depth			