

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

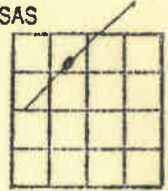
Company - PETROLEUM, INC.
Farm - Spangenberg No. 4

SEC. 10 T. 22 R. 12W
CS/2 NE NW

Total Depth. 3684
Comm. 8-22-49 Comp. 9-2-49
Shot or Treated.
Contractor. Drillers, Inc.
Issued. 10-8-49

County. Stafford

KANSAS



Elevation. _____

Production. dry

CASING:

8 5/8" 191.42'
5 1/2" 3701.54'

Figures Indicate Bottom of Formations.

sand	150
shale, lime shells	180
shale, shells	235
shale, red rock	650
anhydrite	685
shale, shells	1130
shale, salt	1240
shale, shells	1540
lime,	1895
sand	1920
lime, shale	2860
lime	2920
shale, lime	3055
lime	3140
lime, shale	3192
shale	3290
lime	3554
conglomerate Viola	3595
Viola Chert	3619
shale	3681
lime	3684
Total depth	

Tops:	
Anhydrite	650
Heebner	3158
Toronto	3178
Base Oread	3192
Br. Lansing	3290
Lansing	3310
Base Kansas City	3532
PEC	3553
Viola	3565
Hampson	3619
Arbuckle	3681