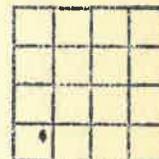


WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
503 East Murdock, Wichita, Kansas

Company- PICKRELL DRILLING COMPANY, INC., et al SEC. 30 T. 21 R. 11W
Farm- Duggan No. 1 NE SW SW

Total Depth. 3578
Comm. 11-9-50 Comp. 12-3-50
Shot or Treated.
Contractor. Pickrell Drlg Co., Inc.
Issued. 9-27-52

County Stafford
KANSAS



CASING:
8 5/8" 240' cem w/150 sx in 12 1/4" hole
5 1/2" 3548' cem w/100 sx in 7 7/8" hole

Elevation. 1785

Production. 470 bbls

Meas. from top rotary bushing. Figures indicate Bottom of Formations.

cellar	5
sand	120
red rock	240
red bed, shale	530
shale, red bed	1060
lime	1095
shale, salt	1475
lime, shale	2770
lime	2922
LOST HOLE	
Filled with cement	
back to	2688
Drilled by with East-	
man Survey.	
lime, shale	2958
lime	2998
lime, shale	3190
lime	3470
conglomerate	3496
lime	3552 RTD
lime	3578

Total Depth

Tops: Scout	
Heebner	3044
Brown Lime	3174
Lansing	3190
Conglomerate	3468
Simpson	3499
Arbuckle	3545

SLM 1000 OK
2500 OK
3000 OK
3462 OK
3552 OK