

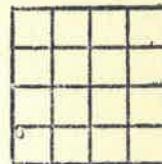
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- DERBY DRILLING CO.
Farm- Mollhagen No. 1

SEC. 30 T. 17 R. 9W
NW SW SW

Total Depth. 3280' PB 3263'
Comm. 4-2-54 Comp. 4-11-54
Shot or Treated.
Contractor. Rocket Drilling Co.
Issued. 5-22-54

County Ellsworth
KANSAS



Elevation. 1753' RB

Production. I.P. 132 BOPD, no wtr.

CASING:

8 5/8" 185' cem w/125 sx
5 1/2" 3279' cem w/100 sx

Figures indicate Bottom of Formations.

clay	125
sand	137
shale & shells	185
shale, sand, iron	469
Anhydrite	493
shale & salt	900
shale & lime	1310
lime	1610
sand	1625
lime	1900
shale & shells	2140
lime & shale	2440
lime	2635
lime & shale	2870
lime	3206
Conglomerate	3241
Arbuckle	3280
Total Depth	
Cable Tools FBTD	3263'

Tops:

Heebner	2744
Brown Lime	2857
Lansing-Kansas	
City	2879
Conglomerate	3192
Base Conglomerate	
"Pay" section	3219
Arbuckle	3241

DRILL STEM TESTS:

#1 2890-2962, open 70 min., rec. 545' gas above fluid, and 85' gas cut mud; BHP 180# plus.

Ran Lane-Wells Log

Cable Tool Completion:

4-13-54 Swb mud, drilled cement out to 3263, ran Lane-Wells log-Lane-Wells T.L. 3263: Perforated 12 shots 3211-3215, approx. 1/2 BOPH; perf. 24 shots 3204-3212, some increase in oil; perf. 24 shots from 3197-3205, good increase in oil; perf. 18 shots from 3192 to 3198 and 6 shots from 3215-3217, some increase in oil. (Total of 84 shots from 3192-3217). Oil was too light to bail - 48° gravity. Swab test 5 1/2 BOPH, no water for 9 hours, put on production. State Physical Potential April 30, 1954; 132 BOPD, no water (natural)