

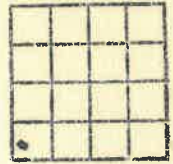
WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY
 508 East Murdock, Wichita, Kansas

Company- DERBY DRILLING CO.
 Farm- Mollhagen No. 2

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

Total Depth. 3229' PB 3215'
 Comm. 9-4-54 Comp. 9-16-54
 Shot or Treated.
 Contractor. Rocket Drilling Co., Inc.
 Issued. 12-11-54

County Ellsworth
 KANSAS



Elevation. 1752' RB

Production. I.P. 33 BOPD & 67%
 water.

CASING:

8 5/8" 181' cem w/125 sx
 5 1/2" 3226' cem w/100 sx

Figures indicate Bottom of Formations.

shale	15
sand	38
red shale	115
sand	130
blue shale	184
shale, shells & Iron	300
red shale	460
anhydrite	485
shale & salt	995
salt	1070
shale & lime	1335
lime	1605
sand	1615
lime	1710
lime & shale	2335
lime	2590
lime & shale	2875
lime	3197
Conglomerate	3215
Arbuckle	3226 RTD
Arbuckle	3229 CTD
Total Depth Plug Back	3215'

Tops:

Heebner	2740
Brown Lime	2852
Lansing-Kansas City	2875
Conglomerate Sand	3192
Arbuckle	3215

Ran Lane Wells Log.

Cable Tools:

DP, COTB 3226, DD to 3229, tested 3 BOPH for 7 hrs. (natural), no water.
 Perf. 24 S. 3220-28, no noticeable increase.
 PB to 3215 (bridge plug), and Perf. 94 holes 3193-3211, approximately 2 gallon free oil per hour, with good show of gas.
 Sand-oil-frac with 4500 gal. and 6750# sand into perfs. 3193-3211; p mp load back and pump 5 BFPH, 40% oil; Pump 53 BOPD
 State Potential 11-8-54; 33 BOPD & 67% water.