

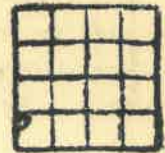
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bank Bldg, Wichita, Kansas.

DERBY OIL CO.
Lowis No. 4

SEC. 7 T. 18 R. 7W
NW SW SW

Total Depth. 3233
Corm. 11-21-39 Comp. 12-10-39
Shot or Treated.
Contractor. Sharon Drlg. Co.
Issued. 12-30-39

County Rice.



CASING.

85/8" 213'
4 1/2" 3231'

Elevation.

Production. Pot. 15 bbls
minimum

Figures Indicate Bottom of Formations.

clay and sand	150
shale and lime	
shells	213
shale red bed	330
shale and shells	775
shale and salt	990
shale and shells	1064
lime	1127
broken lime	1140
lime and shale	1275
lime	1300
shale	1400
broken lime	1460
shale and shells	1590
shale and lime	1600
lime	1640
shale	1665
lime	1720
shale	1755
broken lime	1795
lime	1815
shale and shells	2155
lime	2200
shale	2283
shale and shells	2300
shale	2410
lime	2681
broken lime	2705
sdv shale	2718
shale	2815
lime	2840
broken lime	2873
lime	3113
broken lime	3158
conglomerate	3199
Simpson sand shale	
and dolomite	3223
Simpson shale	3231
Arbuckle Dol.	3233
T.D. corrected to derrick floor.	
standard tools.	
cement	3203- 31
cement&rat hole	3233
Total Depth.	

GEOLOGICAL LOG.

Top Lansing	2791
oolitic porous	2815-25 Oil and
possibly water. Samples have strong	
Oil odor.	
oolitic porous	2872-82 water with
some oil stain.	
oolitic porous	2979-84 wtr.
Oolitic porous	3015-29 wtr
Top Conglomerate	3160 sand and
sdv shale	3160-74
Pieces sand show slight Asphalt	
stain	
sand and chert	3174-3186 no shows.
red shale	3186-3200
Top Simpson	3200
shale green	3200-02
sand	3202-05 no shows.
Simpson dol.	3 205-08 fair sh
of oil very tight.	
sand and sdv shale	3208-16 no shows.
shale	3216-26
sdv shale	3226-31
Top Arbuckle	3231- good sat.
and porosity	Total Depth 3233

Measurements from top of Control head
which is 30" above ground level
Filled 300' oil no water 1 hour
Filled 575' fluid show water 2 hours.
Filled 1300' Fluid 1160' oil 140'
water in 7 hours. Swabbed potential 34 bbls
complete for 15 bbls min well.