

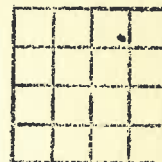
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
500 East Murdock, Wichita, Kansas

Company- DERBY DRIG. CO. ET AL
Farm- Gates No. 1

SEC. 4 T. 22 R. 13W
SE NW NE

Total Depth. 3759
Comm. 12-12-51 Comp. 12-29-51
Shot or Treated.
Contractor. Rocket Drlg. Co.
Issued. 5-3-52

County Stafford
KANSAS



CASING:

8 5/8" 285' cem. w/200 sx
5 1/2" 3757' cem. w/100 sx

Elevation. 1896 R.B.
Phy. Pot.
Production. 659 BOPD

Figures Indicate Bottom of Formations.

surface soil & clay	245
shale	610
red bed & shale	738
anhydrite	763
shale & shells	1065
shale & salt	1505
lime & shale	1830
lime	1986
sand	2008
lime	2085
lime & shale	2775
lime	2875
shale & lime	2955
lime	3173
lime & shale	3268
shale	3352
lime	3622
lime & shale	3667
chert & sand	3677
chert	3710
shale	3756
dolomite	3759 RTD
Total Depth	

Tops: R.B.
Anhydrite 740
Heebner 3240
Toronto 3262
Douglas 3276
Brown Lime 3372
Lansing-K.C. 3384
Conglomerate 3647
Viola Chert 3670
Simpson Shale 3709
Simpson Sand 3726
Arbuckle Dolomite 3756

3528-33: V.S.S.O.

3551-55: V.S.S.O.

3666-70: Show oil

3670-77: show oil

DST: 3643-3677, open 1 hr, rec.
gas in 29min. & full rec. of
gassy free oil (flowed oil while
shut in for BHP); BHP 1080#,
FFP 850#.

3735: S.S.O.

Cable Tools:

cleaned out to 3739, did not
drill plug. Ran Lane-Wells log
and perforated at following
depths; 3725-33, S.S.O. 24 shots
3667-93', no incr. perf. 12 shots
3671-75' and 12 shots 3666-3670;
gas to surface in few mins. and
filled up 400' oil in hole in
15 min. filled up and flowed oil
in 2 hrs. & 50 mins. quit flowing.
had 3538' oil in hole, no wtr.
Gravity 4lp corrected.