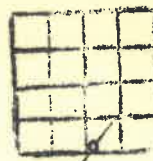


SINCLAIR PRAIRIE OIL CO.
Mary Q. Frederick No. 1.

SEC. 16 T. 16 R. 11W.
SWc SE
330' S. & W. Lines.

Total Depth. 3344 P.B. 3332.
Conn. 2-7-38 Comp. 4-20-38
Shot or Treated. 1000 gal
Contractor.
Issued. 7-16-38

County Barton.



CASING.

35/8" 503' 5" 3320'

Elevation.

Production. DRY.

Figures Indicate Bottom of Formations.

shale	5
lime and shale	22
shale	95
lime	101
slate	137
shale	182
sdv shale	187
shale red	205
shale sdv	248
sand	253
shale and sand	299
shale sdv	481
shale grey	504
shale red	507
shale sdv red	706
anhydrite	742
shale red	945
shale blue	1005
shale brown	1075
shale grey	1140
salt and shale	1346
shale and gyp	1464
lime	1585
shale and lime	1607
lime	1703
shale blue	1712
lime	1745
shale and lime	1753
lime	1879
shale blue	1887
lime	1999
shale and lime	2040
lime	2076
shale and lime	2160
lime	2171
shale	2229
lime	2235
shale and lime	2300
lime	2316
shale grey	2375

limo	2390
shale	2454
shale and lime	2509
shale	2540
limo	2554
shale	2596
Top Topoka	2600
lime	2694
shale	2705
lime	2981
shale and lime	3023
shale	3026
Top K.C.	3026 base 3314
lime	3317
conglomerate	3320
Arbuckle limo	3344
Total Depth.	

CORING RECORDS.

3013-3023 8' Roc shale
3030-40 2' Roc slightly porous
and stains of oil.
3324-29 4 1/2' roc. dense limo
dry.
3329-34 full roc. slight
show of oil
3335-40 4' roc hard limo
slight sat.
3340-36 5' Roc. Sat. to
3342
last 3' had appearance of wtr

Top Arbuckle limo 3320
At. T.D. 3344 set 5" at 3320 drilled cement plug and
bailed water down to 1350' showed only seum of oil.
Cemented back from bottom of hole to bottom of 5"
then drilled cement out to 3332, bailed drlg water
and hole filled with oil 210' in 12 hours (4 1/2 hole)
Drilled to 3334 1/2 acidized with 1000 gal acid and
swabbed 60 bbls oil 78 bbls water in 11 1/2 hours thro
2" tbg. Moved in company cable tools and drilled to
3336. P.B. 3332 1/2. swabbed 35 bbls oil 180 B.W. in
5 1/2 hours swabbed down to 2000'.
P.B. 3332 swabbed 109 bbls oil 431 wtr in 9 hrs. and
swabbed down to 2600'. Swabbed 109 bbls oil and 320
bbls water in 2nd 9-hour period after standing all
nite. Swabbed 30 B.O. 200 B.W. 4 1/2 hours Swabbed
down 3100'. Swabbed 80 bbls oil and 270 bbls water
in 6 hours swabbed to bottom. Swabbed 58 bbls oil
212 bbls water in 6 hours after standing all nite.
Swabbed to bottom. June 10th, shut down to abd.