

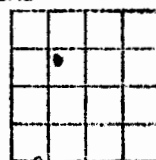
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk Bldg., Wichita, Kansas

Company - SKELLY OIL CO.
Farm - Etta Ridler

No. 2

SEC. 1 T. 11 R. 18W
NW SE NW
330' fr NL, 990' fr EL of
S/2 NW
County. Ellis
KANSAS

Total Depth. 3453 PB 3448½
Comm. 10-30-48 Comp. 11-23-48
Shot or Treated. Acid
Contractor. Herndon Drlg.
Issued. 3-12-49



Elevation. 1910 Ind.

CASING:
8 5/8" 1195' com w/425 sx.
5 1/2" 3439' com w/200 sx.
(8 5/8" set 6' in collar & 5 1/2" cased to derrick floor)

Production. POB 24 hrs, 35 BO,
315 BW

Figures Indicate Bottom of Formations.

surface soil 20
sandstone, shale 50
sand 90
shale, shells 405
clay red 600
shale 925
shale, shells 1188
anhydrite 1195
anhydrite 1220
shale, shells 2000
lime white 2520
shale blue 2950
lime white 3100
shale blue 3165
lime white 3335
lime, med hrd gy & wh. 3385
conglomerate 3426
shale green simpson 3430
dolomite, fine to med. xlyn. 3435
same 3440
fine to med. xlyn dolomite w/oolithic chert RTD 3450
Correction:
3450 SLM rotary table =
3448' SLM derrick floor.
show free oil.
SIM 3448
brwn dolomite w/gray
chert & shale pyritic 3449
brwn dolomite w/little
chert & green shale 3452
dolomite 3453
total depth
Plugged back 3448½

and shut down for plastic to set.
On November 22, bailed hole dry and
plug tested OK. Drilled plastic plug
and cleaned out to bottom. Tested
2 hrs, no oil or water, showing 1'
ofavings in hole. Cleaned out to
bottom and drilled ahead.
3452-53, very porous and saturated
500' OIH in 1 hr, 700' in 1½ hrs,
850' OIH in 2 hrs, with show water,
2000' fluid in hole in 4 hrs (1000'
oil and 1000' water).
Cleaned out to bottom and on Nov. 24,
plugged back w/5 gals Dowell plastic
from 3453-52 and pressured to 1500#.
On November 26, swbd hole dry to bottom,
then tested 2 gals oil pr hr for 6 hrs,
then tested 6 hrs, 2 gals fluid pr hr.
(scum oil, balance water). Hole was caving
badly; cleaned out from 3442 to 3452.
On December 3, bailed hole dry and
drilled cement plug and cleaned out to
3452', liner tested OK. Perforated 4½"
liner w/36 holes by Lane-Wells from
3450-3446', slight show oil.

Producing formation:
Arbuckle lime 3446-3448.

ACID RECORD:

12-5-48, 300 gals, 3446-3450'.
12-14-48, 200 gals, 3443-3446'.
12-16-48, 400 gals, 3446-3448'.
12-16-48, 500 gals.
All by Dowell.

Tops:

Anhydrite 1188
Heobner Shale 3091
Lansing Lime 3137
Conglomerate SLM 3383
Simpson Shale 3422
Simpson Dolomite 3428
Arbuckle Lime 3446
Tops determined by radio-
activity log.

3428-38, good porosity & saturation.
3438-48, good porosity & saturation.
3450, moved in and rigged up cable
tools, swbd the hole dry, and 5 1/2
casing tested OK. Drilled cement plug
and cleaned out to bottom.
3449, spotted porosity and saturation,
hole caving, 1000' OIH in 16 hrs, no wtr.
3449-52, hole caving, no increase in oil.
Plugged back w/sand from 3452 to 3442,
then ran 20 gals of Dowell plastic, no
fill-up. Ran 20 gals plastic and plugged
back from 3442 to 3430, pressured to 1500#