

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

Wichita, Kansas

15-065-03497

Company- SKELLY OIL COMPANY

Farm- C. B. Law

No. 3

SEC. 34

T. 9

R. 23W

SE NW NE

990' FNL, 990' FNL, NE $\frac{1}{4}$

Total Depth. 4505

Comm. 8-21-51 Comp. 9-6-51

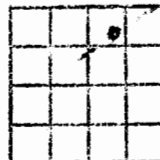
Shot or Treated.

Contractor. Peel Brothers, Inc.

Issued. 11-17-51

County Graham

KANSAS



2449 (w)

Elevation 2117.7 DF

Production. SWDN

CASING:

8 5/8" 235' cem w/150 sx
 5 1/2" 4278' cem w/150 sx

Figures Indicate Bottom of Formations.

Conglomerate 4065
 Arbuckle Lime 4353

Producing Formation:

Basal Arbuckle 4278-4505

surface soil, sand 40
 shale, shells 236
 shale, shells 814
 sand 1177
 shale, shells 2855
 lime shells 2900
 shale, shells 3245
 lime 3744
 lime, white coarse oolitic 3750
 light stain & fair porosity 3744-50
 lime 3777
 white fine xylm & oolitic lime, cherty 3781
 Fair porosity, light stain, trace of live oil in samples 3777-81
 lime 3815
 lime, fine xylm, lgt grey sucrose 3825
 Fair vuggy porosity, light stain 3815-25
 lime 3830
 lime, fine xylm & oolitic 3834
 Fair porosity & stain, show of live oil & odor in samples 3830-34
 lime 3911
 lime, fine xylm 3915
 Spotted stain, poor por., no odor 3911-15
 lime 3928
 lime, fine xylm 3934
 Spotted heavy dead oil stain, poor porosity. 3928-34
 lime & shale 4065
 conglomerate 4090
 lime, shale 4125
 shale, sand 4135
 sand, med. grained quartzitic 4144
 Fair porosity, good sat. live oil, no odor 4135-44
 shale, sand 4145
 conglomerate 4253
 dolomite, grey & buff coarsely xylm 4254
 Fair porosity, no oil show 4253-54
 lime 4505
 Total depth

Ran Halliburton Drill Stem Test:
 packer set at 3728, open 30 mins.
 strong steady blow, rec. 950' of
 muddy salt water & 500' of oil &
 gas cut salt water, BHP 1235#,
 Flowing pressure 710#.

Ran Halliburton Drill Stem Test:
 packer set at 3831, open 1 hour,
 rec. 95' of drilling mud w/1 pint
 of salt water, good show of oil
 in BHP bomb, BHP 420#, flowing
 pressure 45#.

Ran Halliburton Drill Stem Test:
 packer set at 4137, open 30 mins.
 small blow which exhausted in
 15 mins., rec. 15' of drilling
 mud, no oil show, BHP 125#.

Lost circulation at 4306, 4332,
 4363, 4493, & 4505'.

Ran Gamma Ray Survey & perforated
 4142-46 w/16 Lane wells Kone shots.
 Tested 1 gal water with slight show
 of oil per hr.
 Perforate 4135-42 w/28 L-W Kone shots,
 no increase, tested 1 gal. water w/
 show of live oil per hr.
 Perforated 3780-82 w/12 holes by L-W,
 500' water in hole in 20 mins., 1000'
 of water in 1 hr, and 2700' of water
 in hole in 6 hrs. Swabbed 10 hrs. 200'
 BW with show of oil.

Tops:

Topeka Lime 3509
 Heebner Shale 3700
 Toronto Lime 3728
 Lansing Lime 3734