Plotted. E.M.

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

Plotted Texas Co.

SKELLY OIL CO.
E.F.Esfeld No. 2

SEC. 30 T. 16 R. 11W.
NE SE SE NE
330'EL 510' SL NE¼

Total Depth. 3117 P.B. 2988½
Comm. 7-23-40 Comp. 8-16-40
Shot or Treated.
Contractor. J.I.Roberts Drlg. Co.
Issued. 10-5-40

County Barton.



CASING.

Rotary 3034
Cable 3117

8 5/8" 395'
5½" 3033'

Elevation.

Production. Pot.1251 B.
No wtr. Estimated 150,000 Gas.

Figures Indicate Bottom of Formations.

surface clay chalk and shale	226
shale red	319
sand	356
shale	382
shale and pyrites of iron	395
shale grey and streaks of lime & iron	538
lime and shale	610
shale red	746
shale red and grey & strks lime	1237
shale lime and salt	1434
lime and shale	1629
lime shale and shells	1704
lime and shale	1878
lime hard	1904
lime and shale	2426
lime shale and shells	2516
lime and shale	2943
soft porous lime 2835 to 2840, no saturation. soft oolitic lime, porous spotted saturation from 2870-2875. soft porous and sat. lime from 2882-2890	
grey and brown oolitic lime porous with little sat.	2950
dark limy shale	2955
lime grey oolitic porous and stained.	2961
shale grey and little lime	2968
brown granular sand med porosity and sat.	2980
grey silty shale with little lime	3030
grey crystalline lime little porosity and spotted sat.	3034
grey crystalline & oolitic lime porous with slight sat.	3036
Correction 3036 SLM Rotary table equals 3034 SLM derrick floor, which accounts for the above Top of Lansing and 5½ casing.	
grey oolitic lime with little green shale	3039
slight porosity and sat. no free oil	
grey oolitic crystalline lime slight sat. show of free oil tested 1 gallon oil per hour	3048
grey oolitic and crystalline lime med porosity and sat.	3054
grey lime and dark limy shale no shows.	3070
grey crystalline lime med porosity and stained.	3075
grey crystalline lime no porosity or sat.	3085
lime dark grey with a little shale no sat. or porosity.	3100
dark grey crystalline lime slightly porous and stained.	3106
grey oolitic and crystalline lime porous with show of water. tested 1/4 bbls of oil and 5 bbls water per hr.	3111
lime hard grey no increase oil or water.	3115
brown and grey oolitic lime increase in water.	3117
Total Depth	

Had good show of gas after perforating estimated 200 M.cu ft no show of oil Then perforated with 72 holes between 2966-and 2978 after which tested 1½ bbls of oil per hr.

Before acid. 1½ bbls oil per hr.
After acid. POB 8 hours 417.59 bbls oil to establish Pot. 1251 B. no wtr. Estimated 150,000 cu ft gas.
8-21-40 500 gal acid. 2966-2978.
8-22-40 500 gal acid. 2941-2948
8-24-40 500 gal acid. 2880-2888
8-25-40 swabbed 6 hours, 18 bbls oil and no water, then reacidized with 1000 gal of acid.

Tops: Topeka lime 2688
Lansing 3028

Pay formation 2880-2921