

21-17-13W

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

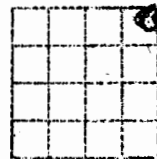
Company FERRIER DRILLING COMPANY
Farm Soderstrom No. 2

SEC. 21 T. 17 R. 13W
NE NE NE

Total Depth. 3436'
Comm. 4-2-48
Shot or Treated.
Contractor.
Cased 5-15-48

Comp. 4-21-48

County. Barton
KANSAS



CASING:
8-5/8" 284'
5-1/2" 3429'

Elevation. 1953 Ind.

Production. Est. 100 B.O.

Figures Indicate Bottom of Formations.

limestone & shells sand	0-65	limestone as above, much chert, gy blue-gy, brwn, non-vitreous to semi-vitreous	3072	limestone, lt cream, finely xln to dense shale brwn	3289
shale & sand shells	220	limestone, tan to brwn, sub-xln to dense, possibly some thin gy shale strks in bottom part	3105	limestone, tan to brwn, finely xln to dense traces of oolites, strks gy shale, traces of vugular porosity w/drk oil stains (probably dead) in base of limestone	3292
shale & shells	310	limestone, tan to brwn, sub-xln, w/gy shale strks	3108	green sdy shale, some chert, wh & amber dolomite, lt tan, finely sucrose, & brwn finely xln much chert, wh & blue-gy translucent to transparent, some oolitic some porosity	3423
red beds & limestone shells	650	limestone wh finely xln shale gy brwn & green, some sand, gy fine, micaceous at	3125	dolomite, finely xln, fair to good porosity, wh translucent chert	3427
limestone & shale	770	limestone brwn xln to dense resinous	3189	dolomite brwn finely xln, poor porosity, much tripolitic material & vitreous wh chert	3431
limestone & shale	850	shale gy	3198	dolomite brwn finely xln fair porosity; good stain trace greenish-blk shale & blue translucent chert	3434
limestone & shale	1100	limestone, lt tan, finely xln	3199	final total depth, no increase, swabbed 4 BOPH & no water 100' off bottom; filled up 1500' w/oil in 11 hours; Ran tubing & rods	3436
limestone & shale	1300	limestone, lt tan, dense oolitic & oolitic, some vugular porosity	3213	Total Depth	
limestone & shale	1510	limestone, tan dense, trace oolites, trace chert, wh translucent	3215		
salt & shale	1565	limestone as above, possibly some porosity	3224		
limestone brkn & shale	1650	limestone as above, no por. or stain, some chert, drk blue-gy opaque	3228		
limestone & shale	1880	limestone as above, trace porosity	3244		
limestone & limestone brkn	1965	limestone as above, trace porosity	3247		
limestone brkn	2030	limestone wh to tan, finely xln to xln	3254		
limestone	2080	limestone brwn oolitic trace porosity	3258		
limestone brkn	2185	limestone, drk gy finely xln	3268		
limestone & shale	2500	limestone brwn & tan xln to finely xln, some oolites & fossils, some por.	3271		
limestone brkn	2525	limestone, lt tan to wh, finely xln, some blk oolites	3282		
limestone & shale	2700	limestone, wh to cream sucrose very oolitic & oolitic, some porosity	3290		
shale, gy & brwn, trace green silty sand	2708	limestone as above, less oolites & por., little or no stain	3300		
limestone, dirty gy, finely xln	2715	limestone as above, very oolitic & porous, little if any stain	3306		
shale gy & brwn, sand fine, gy silty, trace of thin limestone strks	2777	limestone tan brwn & drk gy dense	3350		
limestone gy to drk gy to brwn, dense to finely xln. A few thin gy shale strks & a trace of chert.	2880	limestone, tan to lt gy, dense some vugular porosity some oolites	3375		
limestone as above, some brwn & wh opaque chert	2915				
shale brwn	2920				
limestone as above, no chert	2932				
shale drk gy to blk	2936				
limestone as above	2970				
limestone as above, some wh opaque chert	2990				
limestone, fossiliferous, lt tan to lt brwn dense	3000				
limestone, gy to brwn finely xln, little if any por.	3010				
limestone as above w/ some shale strks	3022				
limestone lt brwn, xln to finely xln, some oolites & oolitic, trace of porosity	3028				
limestone, lt brwn finely xln	3044				
limestone, gy, sub-xln to sucrose, trace oolitic, some porosity	3049				
limestone as above, no porosity	3055				

All measurements are from the top of the rotary casing which is 2' above the derrick floor.

Sample log 2700-TD. Stain but no free oil to 3431. Swabbed 2-3/4 BOPH and no wtr-100' off bottom at 3434; acid. w/500 gals; swabbed 4 BOPH-100' off bottom.

(OVER)

Ferrier #2 Soderstrom in NE NE NE of 21-17-13W, issued 5-15-48 (Cont'd)

Tops:	
Spotted stain	3000-3010
Trace of stain	3022-3028
Good stain in dry samples	3044-3049
Heebner	3105-3108
Dodge	3125-3138
Base Oread	3138
Douglas	3138-3189
Brown Lansing	3189-3198
Good stain, some odor, some free oil	3215-3224
Some stain possibly	3224-3228
Spotted stain; some free oil	3244-3247
Trace of stain	3254-3258
Fair stain	3268-3271
Fair stain, some free oil, slight odor	3282-3290
Some dark oil stain, probably dead	3350-3375
Marmaton	3389-3427
Conglomerate	342303427
Fair show of free oil & good odor	3427
Topeka	2777
Lansing	3199
Base K.C.	3389
Arbuckle	3427