

21-17-13W

Company FERRIER DRILLING CO.
Farm Soderstrom No. 3

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

Total Depth. 3448
Comm. 4-16-48 Comp. 5-22-48
Shale or Sealed. Acidized
Completion
Date 9-18-48

County. Barton
KANSAS



CASING
8-5/8" 310'
5-1/2" 3435'

Elevation. 1964' Ind.

Production. 165 Bbls.

Figures indicate Bottom of Formations.

no record of formation	45	limestone, wh, finely xlyn		formation
sand & shale	344	no porosity	3146	would take
shale	465	shale, green-gy & bfm, trace		none.
red rock	660	fine gy sand near middle	3197	
anhydrite	665	limestone, gy & brwn, dense to		Drilled to
red beds & shells	1165	finely xlyn, crinoidal	3206	3448 - fill
shale & shells	1470	gray shale	3208	up 1650' w/oil
limestone & shale	1970	limestone, lgt brwn, xlyn to		over night;
limestone	2055	sub xlyn	3213	acidized w/
limestone & shale	2250	limestone, tan & gy, finely xlyn	3217	500 gals -
limestone	2310	limestone, tan & gy, finely		Pumped 1 BW
limestone & shale	2700	xlyn to xlyn	3223	in 12 mins.
shale gy & maroon	2705	limestone tan some oolites &		
limestone, gy to brwn sub-xlyn	2716	oolicasts, chert brwn translucent		
shale, by, brwn & green	2730	& white opaque	3239	Samples exam-
limestone as above, more		limestone as above, strks por	3245	ined & log com-
fossils	2748	limestone, tan to cream, finely		piled by W. S.
sand, med. gy silty, micaceous	2754	xlyn	3255	Johns.
limestone as above	2767	limestone as above, many small		
shale brwn	2770	oolites, some oolcasts, trace		Driller's log.
sand gy silty, micaceous	2796	gy opaque chert	3266	0-2700.
limestone, by to brwn, dense to		limestone as above, no stain	3271	Stone Corral
finely xlyn	2850	limestone, lgt brwn oolitic &		at 965'
limestone, drk gy - brwn some		oolicastic	3273	Sample log
nearly blk fossiliferous, dense		limestone as above, no stain	3287	2700' to T.D.
to finely xlyn	2865	limestone red-brwn, very oolitic,		Possible trace
limestone, brwn, dense	2900	trace porosity	3290	oil stain 3039
limestone as above, trace gy to		limestone as above, no stain	3298	good S.O. 3062
blk opaque chert.	2906	limestone brwn oolitic, trace		trace stain 3146
limestone, lgt brwn, finely		oolicastic, trace porosity	3313	trace oil
sucrose, chert, blk & gy,		limestone, hrd, gy to brwn, dense		stain 3213
opaque, fusulinids.	2931	to xlyn	3355	fair stain of
shale gy	2934	limestone as above, trace oolites		free oil 3223
limestone as above	2942	& vugular porosity	3358	some free oil
shale drk gy	2945	limestone as above, no por.	3362	3245
limestone, tan, sft, very		limestone, cream, very oolitic,		trace stain
fossiliferous	2952	many fusulinids, oolicastic		3266
limestone, tan, dense, few thin		& inter-oolitic porosity	3368	fair stain
shale strks at bottom	3000	limestone, tan, dense, some		free oil 3273
limestone, brwn to lgt tan,		oolites	3420	trace free oil
sucrose to finely xlyn, trace		shale gray	3424	3290
of chert	3034	limestone, brwn, finely xlyn,		some oil stain &
limestone, tan to lgt brwn, very		coarse oolites	3426	free oil 3313
oolitic, some oolcasts, &		strks limestone & green shale	3433	fair spotted
porosity.	3039	dolo., tan finely sucrose, some		stain in dry
limestone, tan, dense, chert lgt.		hrd brwn finely xlyn, wh &		samples 3358
gy & blue-gy, mottled opaque	3059	brwn opaque & translucent		fair stain blk
limestone, lgt brwn sucrose, pin		chert. Rotary Total Depth	3438	oil, some free
point & vugular porosity	3062	dolo., hrd, tight, finely xlyn		oil 3368
limestone, by & tan dense	3072	to sucrose, much chert, trans-		luculent to opaque, wh & brwn
limestone, tan oolitic, no por.	3077	some oolitic trace stain	3445	3426 &
limestone, tan & lgt gy, dense		dolo., brwn, finely xlyn, very		3438
much chert, gy opaque to blue-		porous, less chert, good sat	3448	Top Topeka 2796
gy non-vitreous	3101	Total Depth		Heebner 3115
strks brwn & gy shale	3107	3433-43 - stain but no fillup;		Dodge 3140
limestone as above, no chert	3115	Dumped 1 barrel acid at 3443;		Douglas 3146
shale, blk, sft	3118	let stand over night, had 1/2 bailer		Brwn lams. 3197
strks limestone as above & by		free oil - tried to acidize but		lansing 3208
& brwn shale	3134			Arbuckle 3433
shale brwn	3140			