

Company - SINCLAIR-PRAIRIE OIL CO.
Farm - J. W. Starkey / No. 16

SEC. 35 T. 27 R. 4E
SW SE NE SE
1190' fr NL & 460' fr EL SE $\frac{1}{4}$

Total Depth. 2533 $\frac{1}{2}$ '

Comm. 3-10-49

Comp. 4-20-49

Shot or Treated. Acid. 4-22-49 W/500 gals., 25 bbl oil load 2530-33 $\frac{1}{2}$ ' by Dowell

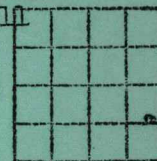
Contractor. Locke Drilg. Co. in Arb. lime Dowell XX. Inc. from 5 BPH

Issued. 6-18-49

to 10 BPH.

County. Butler

KANSAS



Elevation. 1297' *and*

CASING:

16" 97' 8-5/8" 102'
13" 749' 7" 2512' Cem. W/35 Sx.
10-3/4" 1425' 2-3/8" 2530'
8-5/8" 1678' 3/4" 2520'

Figures Indicate Bottom of Formations.
(Rods)

Production. Pmp. 5 BPH 1st 24 hrs.
natural. 1st 39 hrs aft
acid 367 bbls. 2nd 24
hrs after acid 240 bbls.

lime	35	lime	1055
shale	40	shale	1105
lime	80	lime	1185
shale	90	shale	1200
lime	100	lime	1310
shale blue	105	shell & shale	1325
lime	115	lime hrd	1395
shale	125	shale	1415
red rock	130	lime	1425
lime	170	shale	1430
shale	180	lime	1500
lime	200	shale	1510
shale	205	lime	1525
lime	220	shale	1535
shale	225	sand gas	1545
lime	260	shale sdy	1555
shale	270	shale	1580
lime	280	shale & shells	1605
shale	285	shale	1650
lime	295	lime	1660
shale blue	300	shale	1675
lime	325	lime	1715
shale	335	shale	1730
lime hrd	355	lime	1885
shale	360	shale	1910
lime	375	lime	1915
shale	395	shale	1925
lime	405	shale & shells	1940
shale	410	lime	1980
lime hrd	485	shale	2010
shale	490	shale & shells	2035
lime	500	lime	2040
shale	530	lime K. C.	2068
lime	540	lime	2205
shale	560	shale	2215
lime	575	lime	2230
shale	580	shale	2325
lime	595	lime	2335
red rock	600	shale	2360
lime	620	lime	2380
shale	650	shale	2400
shale	690	lime	2405
lime	700	shale	2475
shale	730	lime	2485
lime	750	shale	2500
shale	780	shale sdy	2510
lime	820	sand Simpson	2530
shale	835	lime Arbuckle	2533 $\frac{1}{2}$
lime	850	Total Depth	
shale	890		
lime	900		
shale	915	Producing formations:	
slate	970	Kansas City Lime	2040-2068
shale sdy	980	Simpson Sand	2510-2530
slate blue	985	Arbuckle Lime	2530-2533 $\frac{1}{2}$

Simpson Sand:
1st cut 2511-2514'
green shale, green
colored clusters
Simp. sand, some
specimens of quartz,
slight stain oil.
2nd cut 2514-2515 $\frac{1}{2}$ '
typical Simp. Sand.
3rd cut 2515 $\frac{1}{2}$ -2517'
typical Simp. Sand.
4th cut 2517-2520'
first free oil, Simp.
sand W/green shale
break.
5th cut 2520-2523' Simp.
Sand.
6th cut 2523-2527' Simp.
sand W/some sat.,
some inc. in free oil
7th cut 2527-2529 $\frac{1}{2}$ '
Same as above, good
inc. in free oil.
8th cut 2529 $\frac{1}{2}$ -2532'
Top Arb. lime 2530'
decided inc. in oil
9th cut 2532-2533'
Sat. Arb. lime,
some oolite chert,
some quartz crystals,
some Simp. sand.
10th cut 2533-2533 $\frac{1}{2}$ '
Arbuckle Dolomite.

Water Record:
3 BPH 325'
3 BPH at 980'
bad hole at 1260'
some gas 1445-53
5 BPH at 1453'
bad hole at 1465'
gas sand 1535-1545'
HFW at 1640 to 1655'
1 BPH at 1795'
K. C. Lime 2040-2068'
Some sat 2040-2068'.

Well producing from
Simp. Sand 2510-30'
and from Arb. Lime
2530-2533 $\frac{1}{2}$ '.