

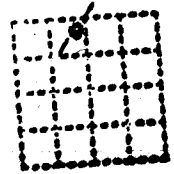
*Plotted E.M.*

SINCLAIR PRAIRIE OIL CO.  
 Guy T. Mercer No. 1

SEC. 28 T. 10 R40 W.  
 NEc NW  
 330' f N 330' f EL NW $\frac{1}{2}$

Total Depth. 5923 = 5913 SIM  
 Comm. 6-27-42 Comp. 9-19-42  
 Shot or Treated.  
 Contractor. Harbar Drilling Co.  
 Issued. 11-14-42

County Shorman



Rotary

CASING.

13" surface casing, no record where set.

5 $\frac{1}{2}$ " 5891'

Elevation.

Production. Dry.

Figures Indicate Bottom of Formations.

surface clay	25	chert	4857	Perforations:-
sand	75	limo	4871	5800-05 - 12 shots,
sand gravel	135	limo and chert	4881	fillup 1500' in 30 min.
shale shells	265	limo	4905	3200' in 2 hours, hot
shale and shells	670	limo and shalo	4920	salt water
shale	800	limo	4975	
shale and shells	970	limo and chert	4985	5610-15 - 9 shots, fillup
shale	1240	limo	5103	2000' in 20 min. 3500'
shale and shells	1565	chert	5105	in 1 $\frac{1}{2}$ hours, hot salt wtr.
lime and shale	1700	limo	5109	
shale	1770	limo and chert	5117	4295-4305 - 12 shots
sand hard	1805	shalo	5202	fillup 2000' in 1 hr.
shale shells	1840	<u>cored to</u> 5203-5224	5226	2700' in 6 hours, hot salt
shale	1930	limo	5233	water.
sand	1935	sand	5237	
shale	1965	limo	5328	4175-4185 - 12 shots
shells & shale	2065	limo and chert	5331	fillup 500' 1st hour.
shale and shells	2190	chert	5333	1900' in 6 hours, Rainbow
anhydrite	2195	limo	5344	Oil
lime and shale	2285	limo and chert	5353	
shale and shells	2495	limo	5365	3870-3885 - 21 shots, 1 $\frac{1}{2}$ hr
anhydrite	2555	chert	5368	mud and water every 10
lime shale	2685	limo	5380	min for an hour, mud and
shale	2860	chert	5383	water exhausted after 2
red bed	2910	limo	5389	hours.
lime	2930	chert	5396	
shale	2990	limo	5433	3770-3780 11 shots dry
red bed shale	3100	chert	5437	3780-3785 5 shots Dry
lime	3135	limo	5460	
shale and lime	3180	<u>cored to</u> 5460-5477	5477	
lime and shale	3240	limo	5505	
lime	3280	<u>cored to</u>	5523	
shale and shells	3380	limo	5586	
lime and shale	3500	<u>cored to</u>	5599	
shale	3540	limo	5631	
shalo and shells	3610	<u>cored to</u>	5649	
shale and lime	3670	limo	5789	
lime	3700	<u>cored to</u>	5807	
broken limo	3730	limo	5860	
lime and shale	3825	quartzito	5862	
shalo and lime	3870	limo and chert	5865	
lime and shalo	3975	quartzito	5869	
lime	4000	limo	5908	
shalo blk	4015	granite ?	5911	
lime and shalo	4070	<u>cored to</u>	5914	
shalo and lime	4100	<u>cored to</u>	5923	
lime and shalo	4134			
shale	4136			
lime	4145			
<u>cored to</u>	4164			
lime	4575			
lime and chert	4600			
lime	4718			
<u>cored to</u>	4730			
lime	4855			

Perforations:-  
 5800-05 - 12 shots,  
 fillup 1500' in 30 min.  
 3200' in 2 hours, hot  
 salt water  
 5610-15 - 9 shots, fillup  
 2000' in 20 min. 3500'  
 in 1 $\frac{1}{2}$  hours, hot salt wtr.  
 4295-4305 - 12 shots  
 fillup 2000' in 1 hr.  
 2700' in 6 hours, hot salt  
 water.  
 4175-4185 - 12 shots  
 fillup 500' 1st hour.  
 1900' in 6 hours, Rainbow  
 Oil  
 3870-3885 - 21 shots, 1 $\frac{1}{2}$  hr  
 mud and water every 10  
 min for an hour, mud and  
 water exhausted after 2  
 hours.  
 3770-3780 11 shots dry  
 3780-3785 5 shots Dry

*Ver Wille tops*  
 Warsaw 5206  
 Keokuk 5315  
 St. Joe 5415  
 Arb 5576

5923 equals 5913 SIM  
 Total Depth.  
 Roagan 5908  
 HFW when drilled cement plug at 5993  
 filled 3000' wtr  
 Plugged back and tested at various points