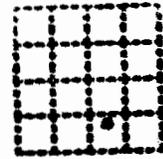


GULF OIL CORP.
Peter J. Sander No. 1.

SEC. 30 T.13 R.16W
CN $\frac{1}{2}$ SW SE

Total Depth. 3458'
Comm. 4-28-40 Comp. 6-4-40
Shot or Treated. 6-3-40 2000 Gals Acid
Contractor.
Issued. 7-27-40

County. Ellis



CASING:
13 " 215'
5 $\frac{1}{2}$ " 3450'

Elevation.

Production. Pot. 312 B.
144 BW

Figures Indicate Bottom of Formations.

shale & lime	165	shale blue & lime strks	2883
shale & shells	220	shale & lime shells	2909
lime	225	lime	2930
shale blue	245	shale	2940
shale	270	shale & lime	2985
shale blue & gy	345	lime	3005
red bed	370	lime chalky wh	3012
sand	385	lime	3031
shale blue & gy	540	chert & lime	3035
sand	560	lime hrd	3056
shale blue & shells	590	lime	3126
sand	720	lime & shale strks	3138
shale red&blue& shells	775	lime	3190
shale red & shells	990	shale & lime	3211
shale blue,pyrite & lime shells	1075	lime	3458
anhydrite&pyrite of iron	1114	Total Depth.	
shale	1130	Top Topeka lime	2940
shale red & blue & shells	1260	Top Kansas City lime	3203
shale blue	1295	Arbuckle lime	3450-3458
shale brown & blue & shells	1385		
shale blue & anhydrite strks	1445		
sal t, lime, pyrite & shale blk	1535		
shale & salt	1715		
shale blue & shells	1783		
lime	1825		
shale brks & lime	1844		
lime, pyrite & thin shale strks	1904		
lime & pyrite	1950		
lime & shale brks	1980		
lime cherty & shale strks	2015		
shale & lime stringers	2046		
lime & pyrite	2084		
lime	2145		
lime & shale strks	2163		
shale & shells	2195		
lime	2202		
lime hrd & pyrite	2210		
lime	2305		
shale brown	2310		
lime	2325		
lime w/shale strks	2353		
lime	2420		
shale blk & lime	2437		
lime & sm shale brks	2535		
lime & shale	2610		
shale & lime shells	2630		
shale & lime	2665		
shale dk blue sdy	2705		
lime	2732		
shale & shells	2760		
lime	2762		
shale & lime	2814		

E.M.

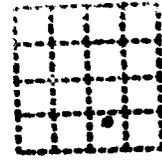
GULF OIL CORP.
Peter J. Sander No. 1.

SEC. 30 T.13 R.16W
CN $\frac{1}{2}$ SW SE

DEEPENING RECORD.

Total Depth. 3465
Comm. 4-28-40 Comp. 6-4-40
Shot or Treated. 6-3-40 2000 Gals Acid
Contractor.
Issued. 12-21-40

County. Ellis



CASING:
13 " 215'
5 $\frac{1}{2}$ " 3450'

Elevation.

Production. Pot. 312 B.
144 BW

Figures Indicate Bottom of Formations.

shale & lime	165	shale blue & lime strks	2883	8-19-40 Swab Test 9 hours
shale & shells	220	shale & lime shells	2909	Swab 513.6 bbls fluid and
lime	225	lime	2930	cutting 4% water.
shale blue	245	shale	2940	
shale	270	shale & lime	2985	8-20-40 Ran 2 $\frac{1}{2}$ " tubing
shale blue & gy	345	lime	3005	with Baker retainer to
red bed	370	lime chalky wh	3012	Squeege casing.
sand	385	lime	3031	
shale blue & gy	540	chert & lime	3035	8-21-40 Complete cement
sand	560	lime hrd	3056	job.
shale blue & shells	590	lime	3126	
sand	720	lime & shale strks	3138	8-27-40 Completed drilling
shale red & blue & shells	775	lime	3190	out cement. Hole filled
shale red & shells	990	shale & lime	3211	3100' oil 1 hour. Bailed
shale blue, pyrite &		lime	3458	hole clean and started
lime shells	1075	Total Depth.		swab test. Swab 62 oil
anhydrite & pyrite of				1st hour 38 Oil 2nd hour
iron	1114			25 oil 3rd hour. 16 oil
shale	1130	Top Topeka lime	2940	4th hour. 47 oil 5th hour.
shale red & blue &		Top Kansas City lime	3203	Swab from 1900' off bottom
shells	1260	Arbuckle lime	3450-3458	no water.
shale blue	1295			
shale brown & blue				
& shells	1385			
shale blue & anhydrite				
strks	1445			
sal t, lime, pyrite &				
shale blk	1535			
shale & salt	1715			
shale blue & shells	1783			
lime	1825			
shale brks & lime	1844			
lime, pyrite & thin				
shale strks	1904			
lime & pyrite	1950			
lime & shale brks	1980			
lime cherty & shale				
strks	2015			
shale & lime stringers	2046			
lime & pyrite	2084			
lime	2145			
lime & shale strks	2163			
shale & shells	2195			
lime	2202			
lime hrd & pyrite	2210			
lime	2305			
shale brown	2310			
lime	2325			
lime w/shale strks	2353			
lime	2420			
shale blk & lime	2437			
lime & sm shale brks	2535			
lime & shale	2610			
shale & lime shells	2630			
shale & lime	2665			
shale dk blue sdy	2705			
lime	2732			
shale & shells	2760			
lime	2762			
shale & lime	2814			

DEEPENING RECORD.

6-11-40 Total Depth 3458
State Physical test 312 Oil
and 144 B.W.

8-6-40 Started to recondition
because found water was coming
from behind pipe from Lansing
Kansas City.

8-8-40 Pump 46 Oil 26 wtr in
6 hours, "Still have not got
shut off"

8-14-40. Pump 27 Oil 11 wtr in
5 hours "Still have not got shut
off."

8-15-40. Pump 5 gal oil and no wtr.
and pumped off. "Cement now holding."

8-17-40 Start deepening from 3458.
3458-62 dolomite. After swab test
had 2500' fluid in hole which 1500' of
oil and 1000' was water. "Still have
bad cement job."

8-18-40. Swab hole down in 3 hours
After swab down, test showed 9.6 oil
3.2. of water in 1 hour. Corrd

3462-65 Total Depth Dolomite. Had
800' fluid in hole when started coring.
After coring to total depth hole filled
2500' with fluid in 30 Min and 3100'
fluid in 1 hour.

8-19-40 Swab Test 9 hours
Swab 513.6 bbls fluid and
cutting 4% water.

8-20-40 Ran 2 $\frac{1}{2}$ " tubing
with Baker retainer to
Squeege casing.

8-21-40 Complete cement
job.

8-27-40 Completed drilling
out cement. Hole filled
3100' oil 1 hour. Bailed
hole clean and started
swab test. Swab 62 oil
1st hour 38 Oil 2nd hour
25 oil 3rd hour. 16 oil
4th hour. 47 oil 5th hour.
Swab from 1900' off bottom
no water.

8-28-40. Swab 29 B. 1st hou
32 B. 2nd hour. 29 B. 3rd
hour. Swab from 1900' off
bottom. No water run 2 $\frac{1}{2}$ "
tubing.

8-31-40. State Draw down
test. Sonic meter, indicate
capacity 3803 Oil in 24
hours and no water.

Comp. Pot. 3000 oil and
no water. Maximum well.