

Attachment - C-105

Gulf Oil Corporation - L. W. White (Tr A) "B" No. 5-M, 14-19-36

ACID TREATMENTS

- 5-1-55 - ~~Treated~~ Washed open hole formation from 3864-3875' with 500 gallons mud acid. Reversed out.
- 8-27-55 - Treated formation thru perforations in 7" casing from 3760-3700' with 500 gallons mud acid. Average injection rate 23 gallons per minute.
- 10-6-55 - Treated formation thru perforations in 7" casing from 3465-3700' with 500 gallons mud acid. Average injection rate 24 gallons per minute.
- 11-6-55 - Treated formation thru perforations in 7" casing from 3175-3235' with 500 gallons mud acid. Average injection rate 20 gallons per minute.

FRACTURE TREATMENTS

- 5-1-55 - Treated open hole formation ~~thru~~ from 3864-3875' with 15,000 gallons Petrogel with 1# sand per gallon. Average injection rate 13.5 bbls per minute.
- 7-7-55 - Treated open hole formation ~~thru~~ from 3883-3923' with 6000 gallons 24 gravity oil with 1# sand per gallon. Average injection rate 8 bbls per minute.
- 8-30-55 - Treated perforations in 7" casing from 3720-3760' with 5000 gallons 24 gravity oil with 1# sand per gallon. Average injection rate 11.5 bbls per minute.
- 10-7-55 - Treated perforations in 7" casing from 3465-3700' with 5000 gallons 24 gravity oil with 1# sand per gallon. Average injection rate 7.4 bbls per minute.
- 10-8-55 - Treated formation thru perforations in 7" casing from 3465-3525' with 6000 gallons 24 gravity oil with 1# sand per gallon. Average injection rate 7.4 bbls per minute.
- 11-7-55 - Treated perforations in 7" casing from 3330-3350' with 3000 gallons 24 gravity oil with 1# sand per gallon. Average injection rate 7.1 bbls per minute.
- 11-8-55 - Treated perforations in 7" casing from 3175-3235' with 10,000 gallons 24 gravity oil with 1# sand per gallon. Average injection rate 7.1 bbls per minute.

DEVIATIONS - TOTCO SURVEYS

3/4 - 315'	2-1/2 - 1962	2-1/4 - 3042
1/3 - 568	1-3/4 - 2022	2-1/2 - 3125
1/4 - 785	1-1/2 - 2117	2-1/4 - 3166
3/4 - 1033	1-1/4 - 2235	2-1/4 - 3261
1 - 1215	1-1/2 - 2322	2 - 3322
3/4 - 1313	1-1/4 - 2425	2-3/4 - 3368
3/4 - 1430	1-1/2 - 2518	3 - 3420
1/2 - 1535	1-1/2 - 2612	3 - 3515
1-1/2 - 1684	2 - 2790	2-3/4 - 3548
2-3/4 - 1808	2-1/4 - 2855	3 - 3618
2-1/2 - 1840	2 - 2935	2-3/4 - 3640
2-1/2 - 1895	2 - 2975	2-1/4 - 3825