

RECEIVED
JAN - 4 1964
M. C. C.
ARTERIA, DECEMBER

Page 3

90331a - Gulf Oil Corporation, Federal Estill "AD" No. 2-G, Sec. 20, T-24-S, R-26-E

Loaded 2-7/8" tbg w/54 bbls 11.2# mud. Loaded 2-3/8" tbg w/salt wtr. Plugged top of both tubing strings. Removed head, installed BOP. Unseated 2-3/8" tbg. Displaced salt water in 2-3/8" tbg & annulus w/345 bbls 11.2# mud. Laid down 2-3/8" tbg. Unseated 2-7/8" tbg. Circulated & conditioned hole w/11.2# mud. Pulled 2-7/8" tbg. Reran 2-7/8" tbg. Tested 2-7/8" tbg w/6000#. No leaks indicated. Displaced mud w/salt wtr followed w/23 bbls lse oil, 500 gals MCA w/Arsenic inhibitor down tbg. Put acid away w/57 bbls fresh water. Max press 3600#. IR 3 bpm @ 3100#. Opened well. Allowed to clean up. Acid treated with a total of 18,000 gals in three stages. Each stage consisted of 3,000 gals 15% HCl acid followed with 3,000 retarded acid. First two stages followed with 16 balls. Treating press 5450-4350#. AIR 7.8 bpm. Flowed well to clean up. Flowed at rate of 2840 MCFGPD at 1903 psi thru 16/64" ck. Flowed 14 bbls dist, 55.6 deg gvty corrected, in 8 hours.

Tubing detail: 2-7/8" OD CS Hydril set at 9883' w/pinned & matched eplg on bottom, Otis type J seating nipple at 9849', Baker Model F seal Assy @ 9116'. No 2-3/8" tbg in hole.

Well presently closed in pending pipeline connection.

This work was done from August 30 thru December 22, 1960.