

Gulf Federal No. 2 - Workover

- 1-03-76 Down for repairs.
- 1-04-76 Down for repairs.
- 1-05-76 Prep to unload water from both zones w/nitrogen.
- 1-06-76 Ran 3/4" NOWSCO endless tbg. in Strawn zone to 10,434' & jetted load water to pit - Well kicked off - Flwd. well over night to pit to clean up - This A.M. CP 1500# - Flwg. on open choke to pit.
- 1-07-76 Turned Strawn zone thru pipe line w/FTP 250# & CP 1000# - Gas rate 560 MCFPD Recovering load water - Ran 3/4" NOWSCO tbg. in Morrow zone to 11,280' & jetted load water to pit, slt increase in gas - Pulled endless tbg. up to 7500' & shut down for night - Left Morrow zone flowing to pit.
- 1-08-76 Had 1000 psi on csg. - Flwg. Strawn on open choke w/270# TP & 440 MCF rate - Made 7 BC & 33 bbls. H<sub>2</sub>O in 20 hrs. - Started compressor with well flwg. on 140# TP w/500 MCFGPD - Ran 3/4" continuison tbg. to 11,300' in Morrow zone - Unloaded load water out of tbg. to pit - Rigged down NOWSCO & left well flwg. over night to pit.
- 1-09-76 Flwg. Strawn zone to pipe line on open choke w/FTP 200# - CP 990# - Gas rate 630 MCFGPD, 4 BC & 134 BLW - Flwg. Morrow zone to pit on open choke w/FTP 25# to clean up - Prep to turn into pipe line this A.M.
- 1-10-76 Strawn 200# - 145 - 25 = 610 MCF - Morrow 160# - 150 - 30 = 175 MCF - Strawn zone died - Morrow zone off chart.
- 1-12-76 Morrow off chart - Changed plate to 1-3/8" - 150 - 44 = 830 MCF - 6 oil & 17 water - Strawn dead.
- 1-13-76 Both zones communicated.
- 1-14-76 Rigged up Otis Wire Line Service - Ran gauge ring in Strawn zone, no obstructions - Ran 1-1/2" gauge ring in Morrow zone tbg. to 11,246', Ran shifting tool in Morrow zone, tbg. all clear. Rigged Otis down & placed well on production.
- 1-15-76 Gas analysis indicated communication between zones. (Data attached) - Strawn zone shut in with all gas produced thru Morrow tbg. string.
- 1-19-76 Western Co. ran a gas tracer survey in the long tbg. string w/Wing valve, choke & plug valve all closed. The survey indicated gas to be moving to the surface. Near the end of the survey, a big leak was detected in the grease injection equipment, thereby rendering the tracer survey useless. Left Morrow tbg. string flowing & Strawn shut in.
- 1-22-76 Water analysis indicated well still making load water. Morrow tbg. string flowing with Strawn tbg. string shut in.
- 1-26-76 Rigged up Otis Wire Line Service - Ran in Strawn tbg. to check - Sleeve was closed. Ran Otis blanking tool in Strawn tbg. set @ 10,428'. Blew well down to zero - indicating no hole in short string. Shut down for night. Shut in both zones.
- 1-27-76 Started in long string w/gauge ring, jars & 1-1/4" stem. At 35' below surface, lost string of tools. Came off @ rope socket - Ran sinker bar to locate tools, tools @ 11,250' in Otis sleeve - Ran fishing tools to retrieve fish - Sheared 3 sets dogs & did not move fish. Shut down for night.
- 1-28-76 Ran fishing tools & oil jars - Jars did not work - sheared dogs & came out of hole, re-ran after repairs to oil jars but failed to retrieve fish. Ran Otis blanking tool in Morrow tbg. string & lost hole. Ran retrieving tool to 11,250' & fished out blanking tool. Shut down for night.
- 1-29-76 Pulled plug out of Strawn zone tbg. & ran shifting tool. Opened Strawn to pit, but would not blow down. Shut in. Well built up to 900# in 5 minutes - Rigged up McCullough Tool Co. to run Correlation log to check collars & packer. Flag line & pulled out of hole. Shut down for night.