

Attachment - C-103

Gulf Oil Corporation - Ella No. 1-A, Sec. 25, T-22-S, R-37-E

Maximum pressure 6700#, min. 3500#. AIR 6.3 bpm. Swabbed and tested. Squeezed 500 gals 15% NE acid into perfs at 3601'. Max. press 1500#, min. 1000#. IR 2 bpm. Had communication. Treated perfs 3601' & 3571' with 500 gals 15% NE acid. Max press 1500#, min. 1000#. IR 2.5 bpm. Swabbed & tested. Treated same interval with 1000 gals 15% NE acid. Max. press 1200#, min 800#. IR 1.2 bpm. Swabbed & tested. Fluid recovered very heavy. Pumped 102 bbls 56 degree gravity distillate down 3 $\frac{1}{2}$ " tbg into perfs 3601-3571'. Pressure 1800#. Well flowed very heavy fluid. Pumped 203 bbls 56 degree gravity distillate down 2-3/8" tbg into same perfs. Press 2100#. Swabbed & tested. Pulled tubing. Perf 7" casing 3497-99', 3513-15', 3570-72' & 3600-02' with 4, 1/2" JHPF. Ran retrievable BP & FB Packer on 2-3/8" tbg. Set BP at 3641', packer at 3470'. Swabbed & tested. Acidized perfs 3497-3515' with 2000 gals 15% NE acid. Max. pressure 3200#, min. 2500#. AIR 3 bpm. Swabbed & tested. Killed well with no bloc. Pulled tubing, BP & packer. Ran 2-3/8" tbg with tail pipe. Latched into packer at 5000'. Pressure tested tbg & tail pipe with 1000#. No drop. Opened Otis valve. Swabbed and well kicked off (Queen oil). Closed circulating valve at 4976'. Tested Paddock gas. Killed well and picked up on tubing. Seal assembly was unlatched out of Model D packer. Could not latch back into packer. Pulled 2-3/8" tbg. Ran Baker Model D production packer on WL and set at 4971'. Ran 2-3/8" tbg with 2 jts bull plugged on bottom for tail pipe. Latched into packer with 7000# tension. Swabbed & tested Paddock gas. Set test pumping unit for Queen oil. Undesignated Queen oil pay completed dry. Paddock gas flowed at rate of 2382 MCFGPD. TP 1650#. Completed 6-19-61 as a shut in gas well.

