

Attachment - C-103

Gulf Oil Corporation - Graham State "C" No. 8-J, 25-19-36

Dually completed as an Oil-Gas well in the Monument Oil and the Eumont Gas Pools as follows:

1. Pulled tubing.
2. Ran Gamma Ray Neutron survey.
3. Ran 5-1/2" Baker Model D-5 production packer with shut off valve set at 3800'. Ran 3956' 2-3/8" tubing, GOT typp BB circulating valve at 3930'. Baker multi V seal nipples in packer at 3800'. Unlatched and pulled tubing above packer.
4. Reran tubing with HRC tool. Tested 5-1/2" casing at 460', 926', 1462', 1990', 2531' with 1000#, 800#, 600#, 400#, and 200# respectively for 30 minutes. No drop in pressure. Tested below 2531' with 900# for 30 minutes. No drop in pressure. Pulled tubing and tool.
5. Perforated 5-1/2" casing from 3460-3596' with 2, 1/2" Jet holes per foot. Ran 2-7/8" tubing with 5-1/2" Baker retrievalbe bridge plug and parent packer. Set bridge plug at 3607'. Washed above perforations with 500 gallons mud acid. Set parent packer at 3437'. Swabbed and well kicked off. Gas volume 1,730 MCF. Pulled tubing and parent packer.
6. Reran 2-7/8" tubing with parent packer with 29' tail pipe below packer. Set packer at 3418'. Treated perforations 3460-3596' with 14,000 gallons 24 gravity oil with 1# sand per gallon. Average injection rate 8.9 bbls per minute. Swabbed and well kicked off. Gas volume 7,520 MCF.
7. Pulled tubing, parent packer and bridge plug. Ran 2-3/8" tubing and latched onto Baker production packer. GOT type B circulating valve at 3759'.
8. Closed circulating valve at 3759', opened circulating valve at 3930'. Monument Oil flowed 157 bbls oil, no water thru 2-3/8" tubing 15/64" choke in 24 hours. Eumont Gas flowed thru 5-1/2" - 2-3/8" annulus at rate of 8,500 MCF with 600# back pressure. Estimated open flow potential 11,750 MCF.