

Attachment - C-103

Gulf Oil Corporation - A. B. Reeves No. 1-L, 29-20-37

This well was to be dually completed as an Oil-Gas well in the Eunice and Eumont Pools. The Eunice Oil Pay did not respond to fracture treatment so the well was plugged back and recompleted as a Gas well in the Eumont Gas Pool as follows:

1. Pulled tubing, rods and pump.
2. Ran Gamma Ray Neutron survey.
3. Set Baker cast iron wire line bridge plug at 3600' with 2 sacks cement on top.
4. Pressure tested 5-1/2" casing. O.K.
5. The 5-1/2" casing had been cemented with only 25 sacks cement originally. In order to bring the cement up to a higher point behind the 5-1/2" casing 2, 1/2" Jet Holes were shot at 3200'.
6. Ran Howco DM cement retainer set at 3130'. Cemented below retainer with 250 sacks 4% Gel. Maximum pressure 1200#. Pulled up and dumped 2 sacks cement on top of retainer.
7. WOC.
8. Pressure tested casing with 500# for 30 minutes. O.K. Drilled cement and retainer from 3130-3202'. Tested casing with 500# for 30 minutes. O.K. Drilled out cement and bridge plug.
9. Treated open hole formation from 3666-3846' with 15,000 gallons control frac, 1# sand per gallon.
10. Ran Rods and pump. Unable to recover all load oil.
11. Ran Howco cast iron retainer set at 3630'. Squeeze cemented open hole from 3666-3846' with 164 sacks cement. Maximum pressure 2000#.
12. WOC.
13. Ran SIM. Plugged back total depth 3624'. Perforated 5-1/2" casing from 3352-3388, 3394-3402', 3408-3438', 3452-3463' and 3476-3535' with 4, 27/64" Rocket JHpf.
14. Swabbed dry. Treated above perforations in 5-1/2" casing with 500 gallons mud acid. Swabbed and well kicked off. Gas volume 483,000 cu ft with 100# back pressure on tubing.
15. Treated same perforations with 14,000 gallons control frac, 1# sand per gallon.
16. Swabbed and well kicked off. Gas flowed thru 2-3/8" tubing and 4" orifice well tester at rate of 3,120,000 cu ft with 500# back pressure (Eumont Pay).