

Attachment C-103

3-20-00

Hubble 28 State Com #1

Section 28-19S-28E

Eddy County, NM

30-015-30782

- 2-3-00 RIH with 4 1/2" casing guns. Perforated 11,102 - 11,108', 4 JSPF, 28 holes. Rigged down wireline. Set packer at 11,107'. Acidized with 2000 gals 15% NEFE HCL acid with 36 ball sealers.
- 2-9-00 Rigged up BJ Services. Acid Frac with 10,000 gals 20% HCL acid, 30 gals. Ferrotrol 271, 10 gals NE-13, 20 gals Inflow 150, 20 gals CI-27, 58 gals Acigel, 10 gals Clay Master-5C and 1176 gals of Methonal.
- 2-15-00 Rigged up wireline, set CIBP at 11,085'. Tested BP to 2000 psi, held OK.
- 2-16-00 RIH with 4 1/2" casing guns. Perforated 10,854'- 10,858', 20 holes and 10,864'- 10,870', 28 holes.
- 2-18-00 Acidized 10-854'-10,870' with 1000 gals NEFE 7 1/2% + N2 with 205 gals Methonal, 1 gal NE-940, 6 gals Ferrotrol-270, 2 gals Ferrotrol 271, 1 gal Inflo 150, 2 gals CI27, 1 gal Claymaster S-C. Dropped 75 - 7/8" ball sealers.
- 2-26-00 Rigged up BJ Services. Frac'd well down tubing with Interprop 20/40, 40,760# Methanol, 74 tons CO2, 5665 SCF Nitrogen, 7 gals Enzyme G, 167 gals XO FC-38, 38 gals Inflo 150, 1 gal Maynacide and 105 gals Faw-4
- 3-9-00 POOH with 2 7/8" tubing and packer. Rigged up wireline. Set 5 1/2" BP at 10,770'. Tested BP to 1500 psi. PD held good. RIH with bailer dump and dumped 2 sacks cement on top. Shut down.
- 3-10-00 Rigged up wireline. RIH with 4" casing guns.
Perfs as follows:
9580'-9592', (12)' 1 SPF 13 shots
9595'-9598', (3)' 1 SPF 4 shots
9602'-9605', (3)' 1 SPF 4 shots
Total of 21 shots, 4" exp HSFC jet perf, .47" entry hole, 41.5 penetration.
- 3-11-00 Rigged up BJ Services. Acidized well with 2000 gals 20% HCL, 12 gals Ferrotrol-270, 4 gals Ferrotrol-271, 4 gals FAW-18W, 4 gals NE13, 4 gals CI-27 + 52 - 7/8" 1.3 sg ball sealers.