

MALLON OIL COMPANY
AMOCO-FEDERAL #1 Well
Sec. 27, T 26S, R 29E
Eddy County, New Mexico

Daily Report:

11-06-89 Prepared for cement job.

MIRU Pride Production Services Rig. Killed casing with 55 Bbl produced water. Unseated Pump and TOOH w/ 497/8" rods and 157- 3/4" rods, layed rods down in singles. NU BOP, TOOH w/ 157 jts 2 3/8", 4.70#/ft, EUE tbg, (4940.14'), seating nipple (1.15'), perforated sub (4.10'), and 2 jt. mud anchor (62.97'). Dug out Bradenhead valve and blew down casing annulus, gas w/some water. RU Wedge Wireline RIH w/ 4 1/2" wireline set drillable bridge plug, set plug at 4800' KB. POOH w/wireline, loaded casing w/59 Bbl produced water, closed blind rams and pressure tested bridge plug with 500 psi. Plug held. RIH w/csg. gun, perforated 4300-02, 4 SPF (8 holes)/ POOH w/wireline, closed BOP and pumped 44 Bbl produced water down casing monitoring bradenhead. Moderate blow @ 10 Bbl then full returns for the remainder of pumping. SIFN.

Day: \$3,945

Cum: \$3,945

11-07-89 Cemented casing across proposed disposal interval.

PU Baker 4 1/2" K-1 cement retainer. TIH w/retainer on 2 3/8" tbg. to 4283', pumped 3 Bbl through retainer, set retainer. Set stinger in test position and pressure tested tubing to 1500 psi. Set stinger in pump position and pumped 15 Bbl fresh water spacer, established injection, 4 BPM at 1300 psi. Halliburton pumped 220 sx 50/50 poz class "C" cement + 0.3% CFR-3 + 2% gel (299.2 cu.ft.) followed by 140 sx Class "C" + 5#/sk Salt + 0.3% CFR-3 (189 cu.ft.) (Lead cement pumped at 13.7 #/gal, Tail cement pumped at 15.1 #/gal). Displaced w/16 Bbl. Good returns throughout job. Stung out of retainer, washed fresh water. TOOH w/tbg. and setting tool. SIFN. Gary Williams - NMOCD witnessed job.

Day: \$ 6,851

Cum: \$10,796

11-08-89 Waiting on Cement, no activity