

N.M. Federal 'F' #1-5
Delaware Recompletion

12/02/90 MIRU service rig.
12/03/90 SDFWE
12/04/90 Load tbq & csg. NU BOP. Rel. seal assembly from pkr @ 13,464'.
Start POOH w/tbg.
12/05/90 Fin. POOH w/tbg. Insepect tbq string.
12/06/90 MIRU WL services. RIH w/CIBP. Set CIBP @ 13,350'. Dump bail
20' cmt on top of CIBP. Load csg & pressure test to 590 psi
for 15 mins.
12/07/90 RIH w/RTTS pkr. Set pkr @ 6813'. Test backside to 1000 psi
for 15 mins.
12/08/90 MIRU WL services. Perf 4 holes @ 6950'. Open up 9-5/8" X 5-1/2"
annulus. Pump dn tbq. Broke circ. w/100% returns up 9-5/8"
X 5-1/2" annulus. POOH w/pkr. RIH w/cmt ret. Set cmt ret.
@ 6900'.
12/09/90 Pumped 200 sxs Class 'F' below ret. w/100% returns up 9-5/8"
X 5-1/2".
12/10/90 SDFWE
12/11/90 RIH w/bit. Tag cmt @ 6898'. Drld cmt & ret. to 6926'. POOH
w/bit. MIRU WL. RIH w/CBL. Tag btm @ 6926'. TOC @ 6250'.
POOH w/CBL.
12/12/90 RIH w/4" csg gun. Perf Delaware 6830-6875' 2 SPF. RIH w/RTTS
pkr. Start swab testing.
12/13/90 Swab test. Acidized w/2000 gal 15% HCL 3 BPM @ 2000 psi.
12/14/90 Swab test. Fld entry after load 150 ft/hr. Perf additional
Delaware 6757-6780' 2 SPF. Swab test.
12/15/90 Acidized w/2500 gal 15% NE FE acid 5 BPM @ 2000 psi. Start
swabbing back load.
12/16/90 Swab test.
12/17/90 Shut well in.
12/18/90 Swab test.
12/19/90 Swab test - no fluid entry.
12/20/90 POOH w/pkr. RIH w/tbg open ended. Tag PBTD @ 6925'. Circ.
hole clean. POOH w/tbg. RIH w/RTTS pkr. Set pkr @ 6664'.
12/21/90 Fraced perfs 6757-80' & 6830-75' w/50,000 gals 40 lb gel (50%
CO₂) & 109,000 lbs 20/40 sand 15 BPM @ 3300 psi. Start flowing
back load.
12/22/90 Flowed & swabbed back load.
12/23/90 Swab testing.
12/24/90 Shut well in & SDFWE
12/25/90 SDFWE
12/26/90 SDFWE
12/27/90 Swab testing.
12/28/90 Swab testing
12/29/90 Swab testing.
12/30/90 Swab testing.
12/31/90 Shut well in Waiting on pumping equipment.
thru
01/07/91
01/08/91 POOH w/pkr. RIH w/prod. tbq. Move in pumping unit.
01/09/91 RIH w/pump & rods.

01/10/91 Start up pumping unit.
01/11/91 0 BO, 250 BW
01/12/91 4 BO, 234 BW
01/13/91 6 BO, 226 BW
01/14/91 6 BO, 226 BW
01/15/91 6 BO, 230 BW
01/16/91 6 BO, 215 BW
01/17/91 6 BO, 215 BW
01/18/91 6 BO, 215 BW
01/19/91 Shut well in. Evaluating further potential.