

Navajo Allotted Com #1E  
NE SE Section 24-25N-10W  
San Juan County, New Mexico

~~CONFIDENTIAL~~

5/2/85 6700

Day-6 TD PBD: 6611' - Prep to retrieve BP. (5-1/2" @ 6700')  
In morning, SITP 0 psi. Ran swb, FL @ 5100'. Made 3 runs & rec'd 5-1/2 BLW (no recovery on last run). 21-1/2 BLW yet to recover. Rel'd SAP pkr & POH. Btm 41 jts badly eaten by acid. RIH w/Ekr Mod "C" ret BP/retrievable pkr combination. Set BP @ 6535'. Set pkr @ 5500'. RU Nowco & acidized perfs 6510-6520' using 1000 gal 15% HCl + add & 60 ball sealers. AIR 3 BPM @ 2800-3400 psi. Gd ball action, but no ball off. ISIP 2200 psi, after 15 min 1950 psi. Load to recover 130.5 bbl (includes 21.5 bbls f/previous job). Bled tbq & flwd well f/ 1/4 hr - well died. Rel'd pkr - would not go dn hole. POH. Pkr appeared to be OK. SDFN.

5/3/85 6700

Day-7 TD PBD: 6611' - Swbg Dakota "C". (5-1/2" @ 6700')  
In morning, SICP 0 psi. Sli blw when well was opnd up. RIH w/retriev'g tool on tbq. Rel'd RBP & POH w/same. Rec'd 60 ball sealers in ball catcher (30 had perf marks). RIH w/retriev pkr to 6540' to clear perfs. POH w/3 jts & set pkr @ 6445'. Swbd well - IFL @ 500' & FFL @ 6200'. Final 3 runs were gas cut. Rec'd 39-1/2 BLW. 91 BLW yet to recover.

5/4-6 6700

Day-9 TD PBD: 6490' - Prep to perf Dakota "B". (5-1/2" @ 6700')  
In morning, SITP 0 psi. Had sli blw that burned - no continuous flare. Made swb run - IFL @ 3800' & rec'd 8-1/2 BL. Made hourly runs f/4 hrs & rec'd 12 BLW. FL constant @ 5500'. Sli amt gas ahead of swb, none behind. Made hourly runs f/5 hrs - avg 1-1/3 BFPH. FL @ 6000'. Total rec'd 28-1/2 BLW. 62-1/2 BLTR. SDFN. In morning, SITP 0 psi. Had sli blw f/30 sec. Made 5 swb runs & rec'd 7.12 BW. FL @ 5000-6200'. 3' flare ahead of swb - none behind. 55.4 BLTR. Filled tbq & csg w/KCl wtr. Tstd csg to 2500 psi - OK. Rel'd pkr & POH. RU Dresser & set CIBP @ 6500'. Mixed 10 gal neat amt & dmpd on CIBP w/bailer. Tstd CIBP & csg to 3000 psi - OK. RIH w/SN & tbq to 4500'. SDFN & f/Sunday.

5/7/85 6700

Day-10 TD PBD: 6490' - Swbg Dakota "B". (5-1/2" @ 6700')  
Swbd FL dn to 2000'. POH w/tbg. RU Dresser & perf'd Dakota "B" 6410-6446'. No chg in FL after shooting. RIH w/SN & ret pkr on tbq. Filled hole w/1% KCl wtr. Sptd 250 gal 15% HCl + add across perfs. Set pkr @ 5667'. Acidized perfs w/2000 gal 15% HCl + add. AIR 6.6 BPM @ 3600 psi. ISIP 950 psi, 0 psi after 15 min. 114 BLTR. Rel'd pkr. RIH & set pkr @ 5983'. Made 3 swb runs & rec'd 24 BL. No gas or acid wtr rec'd yet. FFL 3600'.