

- 11-10-89 This am drld cement. Squeeze not holding. Prep to re-squeeze. Released packer. Trpd. Picked up and ran bit and drill collars. Tagged cement 497'. Drld 6' soft cement. Stopped drlg. Press tested 400 psi; held OK. Shut down. Waiting on cement to set 24 hrs.
- 11-11-89 This am prep drill cement. Ran tbg open ended. Spotted cement 600-475'. Ran and set packer 325'. Press'd tbg 450 psi; bled 270 psi. Repeated procedures until held 400 psi. SDON.
- 11-12-89 This am drlg cement. Drld cement 493-605'. Press'd 340 psi; 40 mins 295 psi. Tagged cement 1000'. Drld 1102' and fell thru. Press'd 300 psi; 15 mins 285 psi. Tagged 1968'. Drld 2015'. SDON.
- 11-13-89 This am prep pull retrievable bridge plug. Finished drlg cement, out 2171'. Press tested squeeze 300 psi; 15 mins 285 psi. Ran 5 1/2" tapered string mill. Ran thru bottom squeeze. Trpd. SDON.
- 11-14-89 This am finishing out w/tbg. Prep run cast iron bridge plug and injection string. Ran bit and csg scraper. Trpd. Ran retrieving tool. Unable to get to top plug. Trpd. Ran impression block on sand line. No markings. Ran bit. Drld 1' packed cement. Circ'd out sand. Trpd. Ran retrieving tool. Circ'd sand off retrievable bridge plug and released. Started pulling and laying down tbg. SDON.
- 11-15-89 This am moving packer up hole. Prep to load backside. Laid down retrievable bridge plug. Rigged up Jarrel Wireline. Ran and set cast iron bridge plug 2850' w/25' cement on top. Rigged down and released Jarrel Wireline. Ran Arrow 5 1/2" packer, 77 jts 2 3/8" plastic coated tbg, set 2462'. Could not load backside. Released packer. Ran 1 jt and reset. Could not load backside.
- 11-16-89 This am prep run different packer and isolate hole. Reset packer 1100'. Csg loaded but would not hold. Trpd. Packer appeared OK. Ran retrievable bridge plug and packer. Set bridge plug 2490' and tested. Pulled packer 2144' and set. Press'd down tbg. Csg held. Pulled to 1824' and set. Pumped down tbg, packer not holding. Released packer. Shut in tbg. Press'd csg 300 psi; 5 mins 270 psi. Reset packer but did not hold. Trpd. SDON.
- 11-17-89 This am prep spot cement across hole 294' and re-squeeze. Ran different packer. Retested bridge plug. Tested for leaks. Found 1 leak 2094'. Press'd 300 psi; 5 mins 200 psi. Unable to established injection rate. Found leak 1000-42'. Press'd 300 psi; 5 mins 250 psi. Slight leak above 1000'. Press'd 300 psi; 15 mins 290 psi. Trpd packer. Ran tbg. Spotted sand on retrievable bridge plug. SDON.
- 11-18-89 This am shut down. Waiting on trucks. Rigged up Dowell. Spotted 11 sx Class C w/2% cc across leak 2094'. Trpd. Ran and set packer 1901'. Press'd 1200 psi; bled off. Con't until held 15 mins. Released and pulled packer. Ran tbg open ended. Spotted 12 sx across hole 1000-1042' (corrected). Ran and set packer 803'. Press'd leak. Pumped at 400 psi. Shut down 15 mins. Pumped at 400 psi. Pumped cement away at 1/2 bbls per min. 750 psi. SDON.
(Continued on reverse)

- 11-19-89 Shut down. Waiting on equipment.
- 11-20-89 This am trying to spot cement then squeeze. Hooked up Dowell. Established injection rate 1/2 bbl per min, 1200 psi. Released packer. Trpd. Packer hung 300' and parted. Ran spear and caught remainder of packer. Trpd. SDON.
- 11-21-89 This am pulling packer. Prep to drill cement. Ran tbg 1038'. Spotted 20 sx Class C w/2% cc 1038-900'. Trpd tbg. Ran packer, set 800'. Press'd squeeze. Pumped 1 3/4 bbls cement into formation. SDON w/780 psi on squeeze.
- 11-22-89 This am waiting on cement pump truck. Pulled packer. Ran 4 3/4" bit, 6 DCs, tbg. Tagged top of cement 917'. Drld thru at 1086'. Press'd 300 psi; 5 mins 250 psi. Trpd bit. SDON.
- 11-23-89 to 11-27-89 Shut down for weekend and holiday. Prep to test for leaks.
- 11-28-89 This am ran bit. Tagged cement 2000'. Prep drill cement plug. Ran 5 1/2" tension packer, set 1058'. Press'd backside 400 psi; 12 mins 365 psi. Pulled 1 jt, set packer 1026'. Press'd backside 370 psi; 15 mins 360 psi. Isolated leak 1038-1043'. Trpd. Press'd csg 250 psi; 15 mins 230 psi; OK w/NM Commission. SDON.
- 11-29-89 This am running mill to dress rough spots 284' and 2094'. Drld cement 2000-2094', bit torqued. Recovered several small pieces csg. Smoother drlg cement to 2183', fell thru. Press'd csg 250 psi; 15 mins 230 psi; OK w/NM Commission. Ran bit, tagged sand 2480'. Trpd. SDON.
- 11-30-89 This am prep run Baker Model AD-1 packer. Ran 4 3/4" mill 284'. Dressed tight spot. Ran mill 2094'. Dressed parted spot in csg. Ran mill 2122'. Press'd csg 250 psi; stabilized at 200 psi; OK w/NM Commission. Trpd. Ran retrieving head. Washed sand off retrievable bridge plug. Trpd plug, laid down work string. Ran 5 1/2" Cherokee packer, set 2462'. Released packer. Pumped in 40 bbls packer fluid. Reset packer. Pumped 35 bbls packer fluid. Csg did not load, well on vacuum. Began trpg packer. SDON.
- 12-01-89 This am testing injection line. Trpd 5 1/2" Cherokee packer. Ran Baker AD-1 plastic coated packer, set 2462'. Loaded csg annulus w/packer fluid. Press'd 100 psi, annulus went on vacuum. Released packer. Pulled 1 jt, reset packer. Could not go above 2440'. Ran 1 jt 2495', reset packer. Loaded csg annulus. Press'd 500 psi; OK w/NM Commission. Press bled to 260 psi. Approved for injection. Tbg turned freely on 1st packer setting. Now tbg hard to rotate. Possibly some csg collapsed.
- 12-04-89 Commenced injection. Tbg press 100 psi.