

- 9-18-84 GIH w/pkr. RU Permian. POOH w/2-7/8" fiberglass tbg. Hole in top of x-over on top of seal assembly. Rec. 2' of seal assembly.
- 9-19-84 Prep to run csg. scraper. PU work string of 2-3/8" tbg. WIH w/pkr., tagged pkr. at 9300', set R-2 pkr. at 9285', press back side to 200 psi. POOH w/tbg. and pkr. (Note: Did not try to PI formation.)
- 9-20-84 GIH w/4 jts 2-3/8" CS hydril, clean out below pkr. Ran casing scraper, tite 10-60', WIH to 2000'. Ran GR & JB to 9276'. Set Baker Model F-1 packer, set at 9217'. Attempted to load hole w/pkr. fluid, filled w/42 bbls. (old fluid level at 1800'). Ran 2000' of 2-3/8" tubing w/Model R packer. Pressured up to 1000 psig on tbg. Broke to zero, pumped 3 bbls at 1½ BPM at 500 psi, increased to 1100 psi. Shut down. (This a.m. on slight vac.)
- 9-21-84 PU packer picker and retrieving shoe, 6 3½" DC's and GIH to 9217'. Cut over Model F-1 packer and POH. Rig up and run lead imp block, stopped at 8500' on packer rubber. SDFN.
- 9-22-84 PU retrieving shoe w/13' extension. GIH and cut over packer at 9300'. GIH to 9345' (top of liner). POH. SDFN.
- 9-23-84 Prep to mill out junk in liner. LD 3½" DC's and 50 jts 2-3/8" EUE tbg. PU 3-1/2" mill and 135 jts Hydril 2-3/8" CS tbg. RIH to 9345' (T/Liner). Prep to GIH to mill in liner. SDFN.
- 9-25-84 Prep to GIH w/mill. GIH to T/Liner (9345'). Circ. and milling 1 hr. Made 15' Mill to 10,280'. Last 80' took 4½ hrs. Circ hole at 10,280' trying to clean up. Getting back some cement and foam. POH w/mill. Mill worn smooth. Will run another mill this a.m.
- 9-26-84 PU new mill and GIH to 10,280'. Circ and mill. Got stuck for 10-15 mins., pulled free. Pulled up to 10,170' and circ 4 hrs. Finally cleaned up. Getting formation rocks and scale. Pulled 16 stands and SDFN.
- 9-27-84 GIH to 10,170'. Displaced hole w/50 vis. mud. Clean reverse pit and fill w/150 bbl. mud. Try to mill, mill would plug off and could not circ. Finally broke circ w/1100 psi. Wait on another pump, arrived at 4:00 p.m. Hooked up same, SDFN.
- 9-28-84 Tubing on slight vacuum this a.m. RIH w/mill to 10,170', mill to 10,260' in 11 hrs. Hole taking some fluid. Still getting back some form rock. POOH to above liner top and SDFN.
- 9-29-84 Tubing on slight vacuum this a.m. GIH w/mill to 10,260'. Mill to 10,295', hole cleaned up. Formation taking some fluid, up to 7 BPH for a while. Mille to 10,515'. Getting back paraffin and scale. POH to top of liner. SDFN.
- 9-30-84 Tubing on slight vacuum this a.m. RIH to 10,515', mill to 10,546'. Tubing plugged, could not circulate either way. Tried several times w/up to 2500 psi POOH w/mill. Pulled wet approx 3/4 of way out, then lost whatever had tubing plugged. Finish OOH and change out mill. GIH w/new mill to 9250'. SDFN.
- 10-1-84 SDFS. Prep to resume milling operation at 10,546'.
- 10-2-84 Prep to continue drilling. RIH to 10,515'. Attempt to drill rev. circ. - mill plugging off. Start conv circ. Circ and mill to 11,879'. Recovered scale, iron sulfide. Circ 2 hrs at 2 BPM. Pull up 40 stds. SDFN.
- 10-3-84 Prep to continue drilling. RIH w/tubing to 10,901' - tight spot. Mill thru - cont. in hole to 11,879'. Mill 1 jt - swivel broke. Wait on parts. Wash and mill to 13,015'. Circulate hole 2½ hrs. - pump 2 BPM at 1200#. Recovered scale, iron sulfide. POOH. 60 stds. SDFN.
- 10-4-84 RIH to 13,015'. Wash to 13,264' - plugged off solid. Drill to 13,279' - lost circ. Continued in hole to 13,295'. Pull up 70 stds. Circulate down tubing w/300 bbl form wtr - 3½ BPM at 1000#. Started getting returns after 20 bbl. Formation taking 40-50% of fluid. Cleaning up good. SDFN.
- 10-5-84 Prep to pull tubing. RIH to 9900'. Pump load formation water down tubing. Circ up water. RIH to 13,295'. RU Western - pump 5000 gallons "spearhead" acid (15% NEFE). Flush w/148 BW. Formation broke at 1200# - 1 BPM. Pumped 2 BPM on vac, 2½ BPM at 200#, 3 BPM at 800#. ISDP - vac. Flush 2½ BPM. Pump 40 BW down annulus. Pull to 9250'. SDFN.

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