

1/10/82 6523

Day-10, Ftg-0. Wshg to btm @ 6253'. Mud: 10.9#, vis 46, WL 8.4. Mix kill mud 225 bbls 12.5 ppg. Stored in trucks. 400 bbls 15 ppg in pits. Mixing w/rig hopper. Howco strtd mixing @ 0645 & brk dn @ 0700. Pmp kill mud dn DP 15 ppg then transfer 12.5 ppg to pits & pmpd dn while adding Bar on the fly. Blw stopped w/60 bbls 12.5 ppg mud left to pmp. Circ w/25-50% returns. Hole stood full when stopped pmpg. Cln rig & mix mud. RU rotating hd. Wrk pipe & pmp 11.6 ppg mud dn DP. Mud 11.6 ppg, vis 55, WL 9.0, Ph 9.0, Pv/Yld 25/25, LCM 5%. Hole tite while wrkg pipe. Max pull 12M# over wt. Had predominantly gas returns. SD pmpg due to less than 100 BM remaining. Mix mud & wrk pipe. LD single w/hole & POH 8 stds. Pmp 10.5 ppg mud dn DP w/10% LCM, 55 vis. No returns. Pmpd well & filled annulus f/top. Watched level to confirm stable hole. CO pipe rams. Old rams had rubbers gone & cages wshd out. Pld 18 stds & stood back ($\pm 1590'$ off btm @ 4967'). Brk circ w/10.5 ppg mud. Predominantly gas returns f/ 1-3/4 hrs. Then gd mud full returns f/ 1/2 hr. Well stable. RIH 10 stds. Brk circ w/ 10.5 ppg mud. Mud returns gd w/some gas. Full mud returns by 0045. RIH 10 stds. Brk circ w/ 10.5 ppg mud w/some gas & full returns. Wsh & rm. Full returns. PU some torque. Some gas in mud. At 0600 have 4 stds & 1 single to wsh dn.

1/11/82 6590

Day-11, Ftg-67. POH f/logs - SLM. Mud: 10.9#, vis 49, WL 8.8. Wshd & rmd to btm w/returns (tite bridges & fill. Lost approx 150 BM total). Lost complete returns. POH 9 stds. Fill hole & circ w/full returns. Mix mud & bld vol. RIH 8 stds & 1 single. Brk circ. Circ & wshd dn to btm. Drld to TD. Circ'd. Some gas bubbles. No GCM. Sht trip 15 stds w/fill up every 5 stds, plg @ 1 min/std & rng @ approx 45 sec/std. Circ. SD & watch hole 15 min. (add 1-1/3 bbl to fill up hole). Circ. POH f/logs 1 min/std. Fill up every 5 or 10 stds.

1/12/82 6590

Day-12, Ftg-0. RIH, lack 8 stds f/btm. Mud: 10.7#, vis 55, WL 9.6. Fin POH f/logs. RU Schl & opn blind ram doors. WO new blind ram rubbers f/Four Corners shop. Replace rubbers & blind rams. Prep Schl tool to RIH. Run DIL log. Chg out logging tools & run FDC-CNL log. RD Schl & prep to TIH. RIH 56 stds to $\pm 3470'$. Brk circ. Strt RIH.