



SUMMARY REPORT

4/2/98

HAPPY VALLEY '4' FED #22

10/15/97 Days- 56; Depth- 11855; FTG- 0; TRIPPING IN HOLE/RERUN BIT #7; Basal Morrow Lower; TRIPPING IN HOLE/RERUN BIT #7; MW- 10.2; Vis- 40; pH- 10.5; WL- 9; Liner- 5 1/2"; Stroke- 16; SPM- 46; Press- 1675; GPM- 240; NV- 107; AVDP- 232; AVDC- 393; Bit#- 6 re run; SN- LH2298; Size- 6 1/8; Mfg- STC; Type- FDS; Jets- 1-13,2-20's; In- 8645; Out- 8655; Ftg- 10; Hrs- 2 1/2; Ft/Hr- 4; T/B/G- 5/5/ 1/4; WOB- 10/15; RPM- 60/70; BHA(ft)- 1110.,94; Bit#- #7 rerun; SN- G97YY; Size- 6 1/8; Mfg- HTC; Type- str 30c; Jets- 3-18's; In- 8655; 1 hr- WOC @ 7620 (est top of cement 8633.36. Top of liner 8933.36); 1 hr-Cut drlg line backside started perculating; 1/2 hr-WOC & lay down 10 jts DP to 7310'; 2 1/2 hrs- Circ/rig pump; 9 hrs-Shut well in, WOC no psi; 3/4 hr-Open pipe rams & TIH to top of cement @ 8645.17. 288.19' of cement on top of liner; 1/4 hr-Lay down 2 jts DP & PU Kelly; 2 1/2 hrs-Drlg cement (hard) 8645 to 8655; 1/2 hr- Check samples cement & metal from bit; 3 hrs-TOH to check bit #6 (84 stns DP in derrick, 12in v dcor); 1/2 hr-Serv rig & PU rerun bit #7; 2 1/2 hrs-TIH rerun bit #7.

DMC-\$ 0 TMC-\$ 63,099 TDC-\$ 13435 CWC-\$ 1,107,221 CMIC- KJ

10/16/97 Days- 57; Depth- 11855; FTG- 0; CHAINED OUT IMPRESSION BLOCK; TD basal lower morrow sh; CHAINED OUT IMPRESSION BLOCK; MW- 10.3; Vis- 42; pH- 10.5; WL- 9; Liner- 5 1/2; Stroke- 16; Bit#- #7 rerun; SN- G97YY; Size- 6 1/8; Mfg- HTC; Type- str 30c; Jets- 3-18's; In- 8655; Out- 8941.17; Ftg- 7; Hrs- 2 1/4; Ft/Hr- 3.1; T/B/G- 5/5/in; WOB- 10/20; RPM- 50; BHA(ft)- 1110.94; 1 3/4 hrs-TIH rerun bit #7; 2 1/4 hrs-Drlg samples show metal & tr cement (7'); 2 hrs-TOH 30 stands; 1/2 hr-Close pipe rams & pres test top of liner to 1100# surf psi (BHP 5885#) test OK no loss; 2 1/2 hrs-TOH; 1 hr-WOO; 1 1/2 hr-Pick up Halliburton RTTS packer & TIH to 3343.59'; 1 1/2 hr-Chain out RTTS Packer to pick up impression block; 1 1/2 hr-Wait on impression block; 3 1/2 hr-TIH imp block (6" OD), imp block BHA 5.65' & 3 1/2 IFDP; 1 hr-TIH very slow tagged 8952 (96th stand) str wt 118K, slack OR to 116K. Impression block BHA 5.65', 96 stands of drill pipe equals 8946.37 Total = 8952.02; 5 hrs-Chain out of hole/impression block, no impression on bottom of impression block. Skid marks on outside of impression block with one heavy impression on side of block looks like it bumped & tried to go inside of liner.

DMC-\$ 0 TMC-\$ 63,099 TDC-\$ 16161 CWC-\$ 1,123,382 CMIC- KJ