



SUMMARY REPORT

4/2/98

HAPPY VALLEY '4' FED #22

09/14/97

Days- 25; Depth- 8742; FTG- 215; CHAINING OUT FOR HOLE IN DP; 50 % shale, 50 % lime Wolfcamp; CHAINING OUT FOR HOLE IN DP; MW- 9.0; Vis- 28; pH- 11.0; WL- nc; Sand- tr; Solids- .5; Chls- 77000; Calc- 1620; Liner- 5 1/2; Stroke- 16; SPM- 61; Press- 1800; GPM- 278; NV- 303; AVDP- 120; DEV- 1 1/2 @ 8509; Bit#- 5; SN- C67YK; Size- 8 3/4; Mfg- HTC; Type- ATJ44C; Jets- 2-11's 1-12; In- 7436; Ftg- 1306; Hrs- 81 3/4; Ft/Hr- 15.97; WOB- 40/45; RPM- 70/65; BHA(ft)- 661.97; 2 hrs-Drlg; 1 hr-WLS 1 1/2 degree 8509; 12 hrs-Drlg; 1 hr-Flag pipe for hole - hole = 7600'; 3 hrs-Chain out for hole in DP; 2 hrs-Rig repair - high drum chain repair; 3 hrs-Chain out - found cracked tube in DP @ 7629 - TOH & check bit - OK. BG gas 160. Con gas 300. Str wt 214k. SPR 350#. 26 SPM.

DMC-\$ 401 TMC-\$ 7,613 TDC-\$ 9046 CWC-\$ 397,167 CMIC- KJ

09/15/97

Days- 26; Depth- 8935; FTG- 193; DRILLING; Wolfcamp 60% shale, 40% lime; DRILLING; MW- 9.0; Vis- 28; WL- nc; Sand- tr; Solids- .5; Chls- 74000; Calc- 1720; Liner- 5 1/2; Stroke- 16; SPM- 61; Press- 1825; GPM- 278; NV- 303; AVDP- 120; Bit#- 5; SN- C67YK; Size- 8 3/4; Mfg- HTC; Type- ATJ44C; Jets- 2-11's 1-12; In- 7436; Ftg- 1499; Hrs- 92 3/4; Ft/Hr- 16.1; WOB- 45; RPM- 65; BHA(ft)- 661.97; 1/4 hr-Work blind & pipe rams-OK; 2 1/2 hrs-TIH; 1/2 hr-Wash 73' to bttm-no fill; 1 1/2 hrs-Drlg; 3/4 hrs-Flag pipe for press loss of 100#, pipe did not flag; 1 hr-Drlg; 3/4 hrs-Flag pipe for 150# press loss-hole est @ 6949'; 4 3/4 hrs-Chain out of hole for holes in DP-found 1st hole on 8th stand 24" up from pin, 2nd crack 60th stand & double, 3rd crack in 80th stand & double in tube; 3 hrs-TIH; 1/2 hr-Wash 112' to bttm-3' fill; 8 1/2 hrs-Drlg. BG gas 400-500. Con gas 500. Trip gas 800. Str wt 212k. SPR 350#. 26 SPM.

DMC-\$ 108 TMC-\$ 7720 TDC-\$ 9932 CWC-\$ 407,099 CMIC- KJ