



SUMMARY REPORT

4/2/98

HAPPY VALLEY '4' FED #22

10/06/97

Days- 47; Depth- 11245; FTG- 141; DRILLING; Morrow Clastic 70% lime 30% cht; DRILLING; MW- 10.8; Vis- 41; PV/YP- 12/22; Gels- 10/15; pH- 9.5; WL- 7.4; Cake- 1; Sand- TR; Solids- 6; Chls- 167K; LCM- 2-4#; Calc- 120; Mix- KCL 5; Liner- 5 1/2; Stroke- 16; SPM- 44; Press- 1950; GPM- 204; NV- 99; AVDP- 205; AVDC- 350; Bit#- 10; SN- LM5899; Size- 6 1/8; Mfg- STC; Type- F57P; Jets- 3-18's; In- 11026; Ftg- 219; Hrs- 40 3/4; Ft/Hr- 5.37; WOB- 30/32; RPM- 60; BHA(ft)- 1110.94; 2 hrs- Drlg; 1/2 hr-Serv rig; 4 3/4 hrs-Drlg; 3/4 hr-Rig repair-Hydromatic; 4 hrs-Drlg; 1/4 hr-Lay down bad jt DP; 11 1/2 hrs-Drlg; 1/4 hr-Serv rig. BG gas 50. Con gas 100-150. Str Wt 186k. SPR 825#, 25 SPM. Top Morrow clastic 11217'. No shows reported.

DMC-\$ 4384 TMC-\$ 52,488 TDC-\$ 15429 CWC-\$ 896,578 CMIC- KJ

10/07/97

Days- 48; Depth- 11295; FTG- 50; DRILLING; Morrow clastic 50 lime 30 chert 20 sand; DRILLING; MW- 10.6+; Vis- 41; PV/YP- 10/21; Gels- 10/15; pH- 8.0; WL- 8.8; Cake- 1; Sand- TR; Solids- 6.4; Chls- 152K; LCM- 2; Calc- 200; Mix- KCL 5; Liner- 5 1/2; Stroke- 16; SPM- 44; Press- 1900; GPM- 204; NV- 99; AVDP- 205; AVDC- 350; DEV- 2 @ 11293; Bit#- 10; SN- LM5899; Size- 6 1/8; Mfg- STC; Type- F57P; Jets- 3-18's; In- 11026; Out- 11026; Ftg- 11293; Hrs- 267; Ft/Hr- 50 3/4; T/B/G- 7/4/ 1/16; WOB- 30/32; RPM- 60; BHA(ft)- 1110.94; Bit#- 11; SN- H68YF; Size- 6 1/8; Mfg- HTC; Type- STR 44C; Jets- 3-18; In- 11293; Ftg- 2; Hrs- 1/4; Ft/Hr- 4; WOB- 30; RPM- 50; BHA(ft)- 1110.94; 9 1/2 hr-Drlg; 7 brl loss @ 11261-11264, 3' break, no show, adding mica & reducing mud wt/centrifuge. Dropping mud wt from 10.6+ to 10.5. Lost 3 brl @ 11274-11278, no show from break, lost 3 brls @ 11281, no shows. 1/2 hr-Check bit; 1/2 hr-Drlg to 11293; 1/2 hr-Drop totco; 2 1/4 hr-TOH; 1 1/4 hr-Shut down for storm(weather); 3 1/2 hrs-TOH- dev 2 degree @ 11293'; 3 1/2 hrs-TIH/bit #11; 3/4 hrs-Broke circ @ 9000'; 1/2 hr-TIH; 3/4 hr-Wash 52' to bttm-ream 30' to bottom for possible SL out of gauge hole-no fill; 1/2 hr-Drlg. BG gas- 60. Con gas-620. Trip gas-750. Str wt-189K. SPR 850#, 25 SPM.

DMC-\$ 0 TMC-\$ 52,488 TDC-\$ 19087 CWC-\$ 915,665 CMIC- KJ