

4/2/98

HAPPY VALLEY '4' FED #22

09/29/97 Days- 40; Depth- 10,530'; FTG- 110'; DRILLING; 80% Lime & 20% Shale; DRILLING; MW- 10.4/10.4; Vis- 48/45; PV/YP- 15/30; Gels- 10/14; pH- 10.5; WL- 6.0; Cake- 1; Sand- Trace; Solids- 5.0; Chls- 176K; Calc- 200; Liner- 5 1/2"; Stroke- 16; SPM- 44; Press- 1800; GPM- 204; NV- 99; AVDP- 205; AVDC- 350; DEV- 2 3/4 @ 10,384; Bit#- 8; SN- H67YF; Size- 6 1/8; Mfg- HTC; Type- STR44C; Jets- 3-18's; In- 10195; Ftg- 335; Hrs- 66 3/4; Ft/Hr- 5.01; WOB- 25; RPM- 65; BHA(ft)- 1110.94; 3 1/2 hrs-Drlg; 1 hr-WLS @ 10,374' (Misrun); 1 1/4 hr-Drlg; 1 3/4 hr-WLS @ 10,384; 16 1/2 hrs-Drlg.
DMC-\$ 4828. TMC-\$ 36,601. TDC-\$ 15,453. CWC-\$ 771,967 CMIC-KJ

09/30/97 Days- 41; Depth- 10,567'; FTG- 37'; WASHING TO BOTTOM-10' FLARE; 80% Limestone & 20% Shale; MW- 10.4; Vis- 41; PV/YP- 12/22; Gels- 8/12; pH- 10.5; WL- 6; Cake- 1; Sand- Trace; Solids- 4.5; Chls- 170K; Calc- 220; Liner- 5 1/2"; Stroke- 16; SPM- 44; Press- 1800; GPM- 204; NV- 99; AVDP- 205; AVDC- 350; DEV- 2 1/2 @ 10,567; Bit#- 8; SN- H67YF; Size- 6 1/8; Mfg- HTC; Type- STR44C; Jets- 3-18's; In- 10195; Out- 10,567'; Ftg- 372; Hrs- 71 1/2; Ft/Hr- 5.2; T/B/G- 2/2/I; WOB- 25; RPM- 65; BHA(ft)- 1110.94; Bit#- 9; SN- G37YD; Size- 6 1/8"; Mfg- HTC; Type- STR44C; Jets- 3-18's; In- 10,567'; BHA(ft)- 1110.94; 3 hrs-Drlg; 1/4 hr-Service rig; 1 3/4 hrs-Drlg to 10,567'; 1/2 hr-Drop Totco; 4 1/2 hrs-TOH w/Bit #8 for csg integrity test; 1 1/2 hrs-PU packer & TIH to 4082.49' to packer; 1/2 hr-RU Halliburton pump truck & set packer @ 4082.49', packer (7.65'), XO @ (.85') & 44 stands of DP; 1/2 hr-RU Halliburton pump truck & set packer @ 4082.49'; 1/2 hr-Test 7" csg & DV tool to 3840 psi, bled off to 3780 psi after 30 mins; 1/4 hr-Bled off, unseat packer, TIH to 5189', set packer; 1/2 hr-Build to 3300 psi @ 5189', ending 3292 psi; 1/4 hr-Bled off, unseat packer & TIH to 6213.09'. Set packer; 1/2 hr-Build press to 2750 psi @ 6213.09', ending press 2740 psi; 3/4 hr-Bled off press, unseat packer, TIH to 8296.50'. Set packer; 3 hrs-Chain out of hole & LD packer; 4 hrs-TIH w/Bit #9 to 9079'; 3/4 hrs-Broke circ w/10' flare, no gain; 3/4 hrs-TIH; 1/4 hr-Wash 57' to bottom, no fill.
DMC-\$ 54. TMC-\$ 36,655 TDC-\$ 22,355. CWC-\$ 807,963. CMIC- KJ