



SUMMARY REPORT

4/2/98

HAPPY VALLEY '4' FED #22

08/30/97 Days- 11; Depth- 3686; FTG- 0; RIG REPAIR; LM & SD; RIG REPAIR; MW- 9.0; Vis- 29; pH- 12; Liner- 5 1/2; Stroke- 16; Bit#- 3; SN- 113743; Size- 8 3/4; Mfg- Varel; Type- ETD 627C; Jets- 3-12's; In- 1500; Ftg- 2186; Hrs- 74 3/4; BHA(ft)- 661; 24 hrs-Rig repair (Draw works).
DMC-\$ 0 TMC-\$ 4,337 TDC-\$ 8190 CWC-\$ 245,360 CMIC- GS

08/31/97 Days- 12; Depth- 4035; FTG- 349; DRILLING; LM & SD; DRILLING; MW- 9.1; Vis- 28; pH- 12; Chls- 70,000; Liner- 5 1/2"; Stroke- 16"; SPM- 60; Press- 1350; GPM- 320; DEV- 3/4 @ 3770; Bit#- 3; SN- 113743; Size- 8 3/4; Mfg- Varel; Type- ETD 627C; Jets- 3-12's; In- 1500; Ftg- 2535; Hrs- 88 3/4; Ft/Hr- 26; WOB- 45K; RPM- 54; BHA(ft)- 661; 9 1/2 hrs-Rig repair (install input shaft); 5 1/2 hrs-Drlg f/3686-3812'; 1/2 hr-Survey @ 3770; 8 1/2 hrs-Drlg f/3812-4035'.
DMC-\$ 183 TMC-\$ 4521 TDC-\$ 5794 CWC-\$ 251,154 CMIC- GS

09/01/97 Days- 13; Depth- 4500; FTG- 465; DRILLING; SH & SD; DRILLING; MW- 9.1; Vis- 28; pH- 12.0; Chls- 70,000; Liner- 5 1/2; Stroke- 16; SPM- 60; Press- 1350; GPM- 320; DEV- 3/4 @ 4237; Bit#- 3; SN- 113743; Size- 8 3/4; Mfg- Varel; Type- ETD 627C; Jets- 3-12's; In- 1500; Ftg- 3000; Hrs- 112 1/4; Ft/Hr- 17; WOB- 45K; RPM- 54; BHA(ft)- 661; 10 1/2 hrs-Drlg f/4035-4279'; 1/2 hr-Survey @ 4237'; 13 hrs-Drlg f/4279-4500'.
DMC-\$ 281 TMC-\$ 4803 TDC-\$ 8471 CWC-\$ 259,625 CMIC- GS

09/02/97 Days- 14; Depth- 4904; FTG- 404; TIH W/BIT; SH & SD; TIH W/BIT; MW- 9.0; Vis- 28; pH- 12.0; Chls- 72,000; Liner- 5 1/2; Stroke- 16; SPM- 60; Press- 1375; GPM- 320; DEV- 3/4 @ 4737; 1 1/4 @ 4864; Bit#- 3; SN- 113743; Size- 8 3/4; Mfg- Varel; Type- ETD 627C; Jets- 3-12's; In- 1500; Out- 4904; Ftg- 132 3/4; Hrs- 132 3/4; Ft/Hr- 16; WOB- 45K; RPM- 45; BHA(ft)- 661; Bit#- 4; SN- LN0249; Size- 8 3/4; Mfg- STC; Type- F47H; Jets- 3-12's; In- 4904; 13 hrs-Drlg f/4500-4779'; 1/2 hr-Survey @ 4737; 7 1/2 hrs-Drlg f/4779-4904'; 3 hrs-TOOH for bit.
DMC-\$ 0 TMC-\$ 4,803 TDC-\$ 8190 CWC-\$ 267,815 CMIC- GS

09/03/97 Days- 15; Depth- 5275; FTG- 371; DRILLING; LM; DRILLING; MW- 8.9; Vis- 28; pH- 12; Chls- 73,000; Liner- 5 1/2; Stroke- 16; SPM- 60; Press- 1350; GPM- 320; Bit#- 4; SN- LN0249; Size- 8 3/4; Mfg- STC; Type- F47H; Jets- 3-12's; In- 4904; Ftg- 371; Hrs- 22; Ft/Hr- 16; WOB- 50K; RPM- 54; BHA(ft)- 661; 1/4 hr-Check & work BOP's; 1 3/4 hrs-TIH w/bit; 22 hrs-Drlg f/4904-5275'.
DMC-\$ 111 TMC-\$ 4,914 TDC-\$ 11488 CWC-\$ 279,303 CMIC- GS