



SUMMARY REPORT

12/9/97

HAPPY VALLEY 29-23

07/04/97 Days- 13; Depth- 1652'; FTG- 0'; 1" 8 5/8' CSG; 1 1/4 hrs-WOC; 1/4 hr-Cement w/50 sxs Class "C" w/4% Cacl @ 480' w/1"; 3 hrs-WOC; 1/2 hr-Cement w/50 sxs Class "C" w/4% Cacl @ 390' w/1"; 2 1/2 hrs-WOC; 1/2 hr-Cement w/50 sxs Class "C" w/4% Cacl @ 390' w/1"; 2 1/4 hrs-WOC; 3/4 hr-Cement w/50 sxs Class "C" w/4% Cacl @ 390' w/1"; 2 1/2 hrs-WOC; 1/2 hr-Cement w/150 sxs Class "C" w/2% Cacl @ 390' w/1"; 6 1/2 hrs-WOC; 1/2 hr-Cement w/50 sxs RFC + 25 sxs Class "C" w/4% Cacl @ 390' w/1"; 3 hrs-WOC.
DMC-\$ 0. TMC-\$ 5,423 TDC-\$ 6200. CWC-\$ 207,734 CMIC- GM

07/05/97 Days- 14; Depth- 1752'; FTG- 100; DRILLING; Dolomite; MW- 8.7; Vis- 28; pH- 9.0; Liner- 5 1/2"; Stroke- 18"; SPM- 44; Press- 800; DEV- 1/2 @ 1591; Bit#- 6; SN- 006478; Size- 7 7/8"; Mfg- WM; Type- 52CHF; Jets- 3-13's; In- 1652'; Ftg- 100; Hrs- 5 1/2; Ft/Hr- 18; WOB- 40K; RPM- 55; BHA(ft)- 778'; 1/2 hr-Cement w/50 sxs + 25 sxs Class "C" w/4% Cacl @ 360'; 2 1/4 hrs-WOC; 1 1/4 hrs-Cement w/150 sxs Class "C" w/2% Cacl, circ 20 sxs to pit; 4 1/4 hrs-Cut off 13 3/8" head, weld on 8 5/8" "A" head; 5 1/4 hrs-NU BOP, test blind rams to 1000 psi; 1 1/2 hrs-TIH; 1/2 hr-survey @ 1591'; 1 hr-Drlg cement & plug; 1/2 hr-Test pipe rams to 1000 psi; 1 1/2 hrs-Drlg cement & float shoe; 5 1/2 hrs-Drlg f/1652-1752'.
DMC-\$ 0. TMC-\$ 5,423 TDC-\$ 26,770. CWC-\$ 234,504 CMIC- GS

07/06/97 Days- 15; Depth- 2330'; FTG- 578'; DRILLING; Dolomite; MW- 8.6; Vis- 28; pH- 9.0; Liner- 5 1/2"; Stroke- 18"; SPM- 44; Press- 800; DEV- 1/2 @ 1838'; 3/4 @ 2115'; Bit#- 6; SN- 006478; Size- 7 7/8"; Mfg- WM; Type- 52CHF; Jets- 3-13's; In- 1652'; Ftg- 678'; Hrs- 28 1/2; Ft/Hr- 23.7; WOB- 40K; RPM- 60; BHA(ft)- 778'; 5 hrs-Drlg f/1752-1869'; 1/2 hr-Survey @ 1838'; 10 hrs-Drlg f/1869-2147'; 1/2 hr-Survey @ 2147'; 8 hrs-Drlg f/2147-2330'.
DMC-\$ 0. TMC-\$ 5,423 TDC-\$ 8706. CWC-\$ 243,210 CMIC- GS

07/07/97 Days- 16; Depth- 3138'; FTG- 808'; DRILLING; Sandstone; MW- 8.7; Vis- 28; pH- 9.0; Cake- Film; Sand- Trace; Solids- .5; Chls- 41,000; Liner- 5 1/2"; Stroke- 18"; SPM- 44; Press- 800; DEV- 1/2 @ 2365; 1 @ 2671; 1 1/2 @ 2918; Bit#- 6; SN- 006478; Size- 7 7/8"; Mfg- WM; Type- 52CHF; Jets- 3-13's; In- 1652'; Ftg- 1486'; Hrs- 50 3/4; Ft/Hr- 29; WOB- 20-40K; RPM- 60; BHA(ft)- 778'; 2 hrs-Drlg f/2330-2397'; 1/2 hr-Survey @ 2365'; 8 hrs-Drlg f/2397-2702'; 3/4 hrs-Survey @ 2671'; 7 1/4 hrs-Drlg f/2702-2949'; 1/2 hr-Survey @ 2918'; 5 hrs-Drlg f/2949-3138'.
DMC-\$ 786. TMC-\$ 6,209 TDC-\$ 14,697. CWC-\$ 257,907 CMIC- GS