



SUMMARY REPORT

4/2/98

HAPPY VALLEY '4' FED #22

09/20/97

Days- 31; Depth- 9171'; FTG- 0; TOOH FOR DRILL OUT OF ROCK BIT; Wolfcamp; FRESH WATER; Liner- 5 1/2"; Stroke- 16; SPM- 36; Press- 1450; GPM- 167; NV- Plug Jet; DEV- 1 1/4 @ 9166; Bit#- 6 Retip; SN- LH2298; Size- 6 1/8; Mfg- STC; Type- FDS; Jets- 11/12/13; In- Drill Out; Out- 9171'; Ftg- 0; Hrs- 3 1/4; T/B/G- 3/2/In; WOB- 12-18; RPM- 50-60; BHA(ft)- 1109.94'; 1/2 hr-Test mud lines to 2100 psi; 1 3/4 hrs-Finish RU floor & install wear ring; 1 1/4 hr-RU LD machine; 1/4 hr-Rig repair; 3 3/4 hrs-PU 6 1/8" Tooth Bit, Junk Basket & 36 DC's; 1/2 hr-Circ thru 4 3/4" DC (1107.39') to clear rust; 2 1/4 hrs-PU 3 1/2" DP, 15.50 lb Grade E to 3963'; 1 1/4 hrs-PU Kelly & drill cement plug & DV tool from 3963 to 4017'; 4 3/4" PU 3 1/2" DP to 9010' & PU Kelly; 1/4 hr-Test DV tool; to 2000 psi (OK); 1/4 hr-RD LD machine; 2 hrs-Drlg cement, float & cement from 9072-9166.96'; 1/4 hr-Circ; 5 hrs-Drlg Totco & TOOH (Nothing in Junk Basket but rust from DP).

DMC-\$ 0. TMC-\$ 9300. TDC-\$ 19,551. CWC-\$ 643,288 CMIC- KJ

09/21/97

Days- 32; Depth- 9293'; FTG- 122'; DRILLING; Wolfcamp; BRINE; MW- 10.0; Vis- 29; pH- 9.5; WL- NC; Chls- 1.2; Liner- 5 1/2"; Stroke- 16; SPM- 44; Press- 2200; GPM- 204; NV- 99; AVDP- 203; AVDC- 344; DEV- 1 1/4 @ 9166; Bit#- 7; SN- G97YY; Size- 6 1/8"; Mfg- HTC; Type- STR30C; Jets- 3-18's; In- 9171'; Ftg- 122'; Hrs- 7; Ft/Hr- 17.4; WOB- 30; RPM- 60; BHA(ft)- 1110.94'; 2 3/4 hrs-PU Bit #7 & TIH to 8241'; 1/4 hr-Jet & clean all working pits; 2 1/2 hrs-TIH & install rotating head; 1/2 hr-Back flushing string, trying to unplug jet; 2 hr-Displace 7" csg w/10 lb brine, drlg cement & shoe from 9166-9183'; 1 3/4 hrs-Drlg new formation f/9183-9198', plugged jet; 1 hr-TOOH for partially plugged bit; 1 1/2 hrs-Repair broken high drum chain; 2 3/4 hrs-TOOH-Bit plugged w/rust from DP; 3 1/2 hrs-Rejet Bit #7 w/13-18's & TIH; 1/4 hr-Wash 40' to bottom, no fill; 5 1/4 hrs-Drlg.

DMC-\$ 0. TMC-\$ 9,300 TDC-\$ 16,830. CWC-\$ 660,118 CMIC- KJ

09/22/97

Days- 33; Depth- 9610'; FTG- 317'; DRILLING W/10' FLARE; Wolfcamp, 70% Shale & 30% Lime; BRINE; MW- 10.0; Vis- 29; pH- 8.5; WL- NC; Sand- Trace; Solids- 1.0; Chls- 178,000; Calc- 1800; Liner- 5 1/2"; Stroke- 16; SPM- 44; Press- 2225; GPM- 204; NV- 99; AVDP- 203; AVDC- 344; Bit#- 7; SN- G97YY; Size- 6 1/8"; Mfg- HTC; Type- STR30C; Jets- 3-18's; In- 9171'; Ftg- 439; Hrs- 30 1/4; Ft/Hr- 14.5; WOB- 30; RPM- 50-60K; BHA(ft)- 1110.94'; 2 hrs-Drlg; 1/2 hr-Rig Repair; 7 3/4 hrs-Drlg, w/6-10' flare @ 9360 thru separator; 1/4 hr-Change bearing section in Rotating head, leaking @ 9460'; 13 1/2 hrs-Drlg w/6-10' flare, slowed RPM to 50 @ 9600'.

DMC-\$ 0. TMC-\$ 9,300 TDC-\$ 10,423. CWC-\$ 670,541 CMIC- KJ