



SUMMARY REPORT

4/2/98

HAPPY VALLEY '4' FED #22

08/22/97 Days- 3; Depth- 692'; FTG- 162'; DRILLING; Rock + SD; DRILLING; MW- 8.4; Vis- 29; pH- 12; Liner- 5 1/2"; Stroke- 16"; SPM- 60; Press- 1075; Bit#- 2; SN- 116008; Size- 12 1/4; Mfg- Varel; Type- ETD 537; Jets- 3-12's; In- 530; Ftg- 162; Hrs- 6; Ft/Hr- 27; WOB- 45k; RPM- 75; BHA(ft)- 806'; 1 3/4 hrs-WOC; 1/4 hrs-RIH w/1" tag cmt @ 45'. Cmt w/50 sx "C" neat. Circ 10 sx to pit; 4 hrs-WOC; 4 hrs-Cut off conductor & 13 3/8" csg & weld on wellhead; 5 hrs-NU BOP; 1 hr-Test hydrill, choke manifold & csg to 1500#. 1 hr-TIH; 1 hr-Drlg cmt & plug; 6 hrs-Drlg (530'-692').
DMC-\$ 498 TMC-\$ 2,233 TDC-\$ 21,486 CWC-\$ 126,385 CMIC- GS

08/23/97 Days- 4; Depth- 1380; FTG- 688; DRILLING; Anhy & Sd; DRILLING; MW- 8.4; Vis- 28; pH- 12; Liner- 5 1/2; Stroke- 16; SPM- 60; Press- 1250; DEV- 3/4 @ 1020; Bit#- 2; SN- 116008; Size- 12 1/4; Mfg- Varel; Type- ETD 537; Jets- 3-12's; In- 530; Ftg- 850; Hrs- 27 1/4; Ft/Hr- 27; WOB- 50k; RPM- 75; BHA(ft)- 806'; 3/4 hr-Check compound bearing & split chain; 10 1/4 hrs-Drlg f/692-1062'; 1/2 hr-Survey @ 1020'; 1/2 hr-Trip for survey tool; 1 1/2 hrs-Drlg f/1062-1125'; 1 hr-Put compound chain on; 9 1/2 hrs-Drlg f/1125-1380'.
DMC-\$ 557 TMC-\$ 2,233 TDC-\$ 8977 CWC-\$ 126,385 CMIC- GS

08/24/97 Days- 5; Depth- 1500'; FTG- 120; WOC; Anhy & SD; WOC; MW- 8.4; Vis- 28; pH- 12; Liner- 5 1/2; Stroke- 16; SPM- 60; Press- 1250; DEV- 2 3/4 @ 1500; Bit#- 2; SN- 116008; Size- 12 1/4; Mfg- Varel; Type- ETD 537; Jets- 3-12's; In- 530; Out- 1500; Ftg- 970; Hrs- 30 3/4; Ft/Hr- 34; WOB- 50k; RPM- 75; BHA(ft)- 806'; 3 1/2 hrs-Drlg f/1380-1500'; 2 1/2 hrs-Pump sweep & WO csg; 2 hrs-TOOH & lay down 8" drill collars; 3 hrs-Run 34 jts 9 5/8" 36# J-55 to 1500'; 1 1/2 hrs-Cmt w/575 sx "C" + 4% gel & tail w/225 sx "C" + 2% cacl2. Plug down to FC @ 6:30 PM 8-23-97 w/350#. Bumped plug to 800#. Had full returns while cementing. Did not circ cmt; 4 1/2 hrs- WOC; 1 hr-Ran temp survey. TOC @ 1020'; 6 hrs-Run 1" to 1020' & WOC.
DMC-\$ 745 TMC-\$ 3536 TDC-\$ 25919 CWC-\$ 161,281 CMIC- GS

08/25/97 Days- 6; Depth- 1500; FTG- 0; TESTING BOP'S; Liner- 5 1/2; Stroke- 16; 1/2 hr-WOC; 1 hr-Cmt w/50 sx RFC; 1 1/2 hrs-POOH w/1" & WOC; 1/2 hr-TIH w/1" tag fill @ 940'; 1 hr-Cmt w/50 sx RFC; 2 1/2 hrs-WOC; 1 1/2 hrs-TIH w/1" tag cmt @ 710' cmt w/100 sx "C" + 4% cacl2; 2 1/2 hrs-WOC; 1 hr-TIH w/1" tag cmt @ 410'. Cmt w/150 sx "C" neat circ 20 sx to pit; 3 1/2 hrs-Set slips, cut off 9 5/8" csg & nipple down; 4 1/2 hrs-Nipple up BOP's; 4 hrs-Testing BOP's.
DMC-\$ 163 TMC-\$ 3700 TDC-\$ 31978 CWC-\$ 193,259 CMIC- GS