



SUMMARY REPORT

4/2/98

HAPPY VALLEY '4' FED #22

09/26/97

Days- 37; Depth- 10281; FTG- 46; DST #1, INITIAL SHUT IN 6 AM; strawn 90% lime 10% shale; DST #1, INITIAL SHUT IN TC 6AM; MW- 10.2+; Vis- 48; PV/YP- 12/9; Gels- 5/10; pH- 8.5; WL- 5.2; Cake- 1; Sand- TR; Solids- 1.75; Chls- 174,000; Calc- 120; Liner- 5 1/2; Stroke- 16; SPM- 45; Press- 1700; GPM- 210; NV- 99; AVDP- 205; AVDC- 350; DEV- 3 1/4 @ 10265; Bit#- 8; SN- H67YF; Size- 6 1/8; Mfg- HTC; Type- STR44C; Jets- 3-18's; In- 10195; Out- 10281; Ftg- 86; Hrs- 16; Ft/Hr- 5.4; T/B/G- 2/1/in; WOB- 20; RPM- 70; BHA(ft)- 1110.94; 1/4 hr-Serv rig; 3 1/4 hrs-Drlg; 1/2 hr-Circ & cond mud @ 10268'; 2 hrs-Drlg f/10268 -10280'; 1/4 hr-Circ & cond mud for DST #1 @ 10280'; 1/4 hr-Drlg to 10281'-Drlg break 10230-10279 (49' gross); 4 1/4 hr-Circ & cond mud for DST # @ 10281'; 1/4 hr-Drop TOTCO-(BLM notified at 5 PM 9025-97); 2 1/4 hrs-TOH for DST #1; 1 3/4 hrs-Replace trans chain & oil line; 2 hrs-TOH; 4 1/2 hrs-Pick up test tools & TIH (total BHA 1164.00') 500# fresh water cushion 1150' of H2O; 3/4 hr-Pick up & run in 1 jt DP-mouse hole 1 jt & rig up bails & surface; 1/4 hr-Equipment/set packer @ 4:15 AM 9-26-97. Slow weak bubble @ top of bucket for 1st 5 minutes. 1" in bucket last 5 minutes. Close tool @ 4:25 AM 9-26-97. Pre flow for 10 minutes. Interval tested 10230-10281'; 1 1/2 hrs-Close tool & shut in for 90 minutes. Will open tool @ 6AM for 2nd flow. Note: Backside belching- From 4 AM to 6 AM 7 Erl. gain. STR WT 179,000. SPR 625#, 25 SPM. BG Gas-400-500. Con gas 500. No Flares.

DMC-\$ 6147 TMC-\$ 25,165 TDC-\$ 17219 CWC-\$ 736,389 CMIC- KJ

09/27/97

Days- 39; Depth- 10420; 110 (IN 24 HRS) DRLG 4' HR NO; Strawn 90%, Lime 10%, Shale; MW- 10.3 -10.5; Vis- 48-42; PV/YP- 12/25; Gels- 10/14; pH- 8.5; WL- 6; Cake- 1; Sand- tr; Solids- 2.5; Chls- 170k; Calc- 100; Liner- 5 1/2; Stroke- 16; SPM- 44; Press- 1800; GPM- 204; NV- 99; AVDP- 205; AVDC- 350; Bit#- 8; SN- H67YF; Size- 6 1/8; Mfg- HTC; Type- STR44C; Jets- 3-18's; In- 10195; Ftg- 225; Hrs- 45 1/2; Ft/Hr- 4.9; WOB- 20/25; RPM- 70/65; BHA(ft)- 1110.94; 24 hours - Drlg from 10310 -10420, INCR WOB to 25 and slowed rotary to 65 @ 10314'

BG Gas: 10-15; Con Gas: 15-20; STR WT: 175,000, SPR 875#, 25 SPM, EST ATOKA 10,500.

DMC-\$ 1962 TMC-\$ 31773 TDC-\$ 13641 CWC-\$ 770155 CMIC- KDJ