

4/2/98

HAPPY VALLEY '4' FED #22

09/16/97

Days- 27; Depth- 9171; FTG- 236; CHAINING OUT OF HOLE;
Wolfcamp 70% shale 30% lime; CHAINING OUT OF HOLE; MW- 9.0;
Vis- 32; PV/YP- 6/2; Gels- 1/3; pH- 10.5; WL- 7.2; Cake-
Film; Sand- TR; Solids- .6; Chls- 72000; Calc- 1680; Liner-
5 1/2; Stroke- 16; SPM- 61; Press- 1825; GPM- 278; NV- 303;
AVDP- 120; DEV- 1 @ 8977; Bit#- 5; SN- C67YK; Size- 8 3/4;
Mfg- HTC; Type- ATJ44C; Jets- 2-11's 1-12; In- 7436; Ftg-
1735; Hrs- 107 1/4; Ft/Hr- 16.2; WOB- 45/50; RPM- 65/60;
BHA(ft)- 661.97; 4 1/4 hrs-Drlg; 1 hr-WLS @ 8977; 1 1/4 hrs-
Drlg; 1/2 hr-150# psi loss-flag DP-est holes @ 1965', 2751',
& 6026'; 3 hrs-Chain out for holes in DP-cracks in 1 joint
(63rd & double) @ 5920; 2 hrs-TIH; 1/2 hr-Wash 73' to bttm-
3' of fill; 9 hrs-Drlg; 1 hr-Pres loss of 300#, flag pipe-
hole=8268'; 1 1/2 hr-Chain out of hole for hole in drill
pipe and TOH for 'E' logs. Note: started starch in mud
system @ 9050' in case of hole in drill pipe.

DMC-\$ 1918 TMC-\$ 9,638 TDC-\$ 10855 CWC-\$ 417,954 CMIC- KJ

09/17/97

Days- 28; Depth- 9171; FTG- 0; START LAYING DOW DRILL PIPE;
Wolfcamp 70% shale 30 % lime; START LAYING DOWN DRILL PIPE;
MW- 9.0; Vis- 32; PV/YP- 6/2; Gels- 1/3; pH- 10.5; WL- 7.2;
Cake- Film; Sand- TR; Solids- .6; Chls- 72000; Calc- 1680;
Liner- 5 1/2; Stroke- 16; SPM- 62; Press- 1575; GPM- 287;
NV- 280; AVDP- 125; Bit#- 5; SN- C67YK; Size- 8 3/4; Mfg-
HTC; Type- ATJ44C; Jets- 2-11's 1-12; In- 7436; Out- 9171;
Ftg- 1735; Hrs- 107 1/4; Ft/Hr- 16.2; T/B/G- 5/9/in; WOB-
45/50; RPM- 65/60; BHA(ft)- 661.97; Bit#- 4 rerun; SN-
LN0249; Size- 8 3/4; Mfg- STC; Type- F47H; Jets- 3-12's; In-
4904; Out- 7436; Ftg- 2532; Hrs- 154; Ft/Hr- 16.4; T/B/G-
5/5/in; WOB- use to lay; RPM- down drill; BHA(ft)- pipe &
col; 4 1/4 hrs-Chain out for 'E' logs & strap-found cracks &
holes in DP @ 6045, 6510 & 7068. SLM 9167.80. No
correction made; 5 1/4 hrs-Rig up Schlumberger & run
platform express/FDC-CNL/Laterolog/Gamma Ray-TD log @
9171'; 1 1/2 hrs-Schlum computer down for repairs-WO Schlum
to retrieve inform to lognet to OKC; 6 1/4 hrs-Run CMR log
f/5050-4250, & 3500-1800 & rig down; 4 hrs-TIH; 1/2 hr-
Wash 100' to bttm-no fill @ 9171; 1 3/4 hrs- Circ & rig up
lay down machine; 1/2 hr-Drop TOTCO & prep to lay down
drill pipe.

DMC-\$ 0 TMC-\$ 9300 TDC-\$ 33147 CWC-\$ 451,101 CMIC- KJ