

**HAPPY VALLEY '4' FED #22**

10/31/97 Days- 72; Depth- 11855; FTG- 0; TAGGED/MAGNET; TD Basal Lower Morrow; TAGGED/MAGNET; MW- 10.3; Vis- 40; Bit#- 13; SN- N99416; Size- 3 3/4; Mfg- MAC; Type- skirted 1; Jets-center; In- 11421; Out- 11421; Ftg- 3; Hrs- 1 1/4; Ft/Hr- 2.4; T/B/G- 2/8/in; WOB- 1 K; RPM- slow; BHA(ft)- 176.60; 0630 hrs no psi on tubing or csg, open well, TIH bit #13, rolled bit into liner & TIH, rig up strip rubber & PU power swivel @ 11421, reversing, Davis pump, made 2' to 11423, SL torque & bit trying to plug, spent 30 minutes on junk iron f/11423-11424. Could not get by junk iron, circ & clean for 30 minutes. TOH bit #13. PU 3 1/2" magnet & 2 3/8 tubing & TIH to 11424. Tagged @ 11424. Picked up a cleared & tagged 3 more times, light weight @ 11423. TOH magnet to 8883'. Close pipe rams & SDFN. Note: Bit #13, 1 cone hanging, 1 cone locked up, wear on shanks. All tooth cutting structure in good shape.

DMC-\$ 0 TMC-\$ 63,409 TDC-\$ 4,097 CWC-\$ 1,176,921 CMIC- KJ

11/01/97 Days- 73; Depth- 11855; PREP TO TIH AM; TD Basal lower morrow; PREP TO TIH AM; MW- 10.3; Vis- 40; 0630 hrs no pressure on tbg or csg, open well up. TOH with magnet form 8883' recovered 6 pieces of junk iron. Ave 1" long & 1/4" thick, TIH magnet & guide set on jund @ 11424' two times, slowly torquing on magnet both times, did not pump, TOH magnet, recovered 11 pieces of junk iron avg 3/4 to 1" in length & avg 1/4" thick. Close well in & SDFN @ 1615 hrs due to high winds. Will TIH saw tooth shoe, 4 sets of offset wires & extension AM.

TMC-\$ 63,409] TDC-\$ 2,890 CWC-\$ 1,179,811 CMIC- KJ

11/02/97 Days- 74; Depth- 11855; TIH 3 3/4 BIT & DC'S; TD Basal Lower Morrow; TIH 3 3/4 BIT & DC'S; MW- 10.3; Vis- 40; Bit#- 14; SN- A17369; Size- 3 3/4; Mfg- 1T; Type- Walmac; Jets-center; In- 11427; 0630 hrs-no tbg or csg pres, open well up. TIH 1 saw tooth shoe 3.28' (3 1/2 OD, 3 1/32 ID) with 4 rows of off set wires; (3 1/2" OD extension, 3" ID) with 4 rows of offset wires; 3 1/2" OD extension, 3" ID, 7.72', bushing 1.41' (3 1/8 OD, 1 1/8 ID); xo 1' (3 1/8 OD, 1 1/2 ID); Total BHA 13.41'; & 364 jts of 2 3/8 tbg reverse circ 21 minutes @ 11420'. Tag junk @ 11424 & wash over junk to 11427' with short torque on first foot @ 11424-1425. Plugged @ 11427; TOH wet string. Recovered 50 odd pieces of 1/2 to 3/4 inch junk 1/4" mass; & 1 large piece of junk 3" x 3" square, 1/4" mass; and broken cement chunks totaling 2'. PU bit #14 & 2 7/8" DC & TIH to 2318'. Shut down for night. Shut well in will trip in bit #14 AM.

DMC-\$ 0 TMC-\$ 63,409 TDC-\$ 41,429 CWC-\$ 1,221,240 CMIC- KJ