

HAPPY VALLEY '4' FED #22

11/07/97

Days- 79; Depth- 11855; OD CUT RITE SHOE THIS AM; TD BASAL LOWER MORROW; OD CUT RITE SHOE THIS AM; MW- 10.2; Vis- 38; BHA as follows: Cut rite shoe 2.35 extension 7.72 bushing 1.41 xo 1.00 tbg sub 4.30 total BHA 16.78; 0800 hrs- Unit repaired no pressure on tbg or csg. Open well. TOH, cut rite shoe & extension, recovered 50 odd pieces of junk iron 1/2" to 1" long & 1/4" to 1/2" in mass. Recovered 10 large pieces of junk iron 2" to 3" long & 1" to 2" wide & 1/2" mass & 1/4" metal shavings (1/4 gallon). Total junk iron recovery 1/2 gallon., Shoe was void of anything 1st 8", then junk iron. Cement on top of junk iron. Bottom plug apparently fell out. Rewire 3 3/4" smooth OD cut rite shoe. Pick up same BHA & TIH, roll shoe into liner top, wrench. TIH to 11430 & rig up stripping rubber & power swivel & circ. Tagged @ 11446.5. 1/2' high. Torque f/11446.5 to 11448. PU No drag. Drill plug f/11448 to 11449. Torque, pick up, no drag. Drill plug f/11449 to 11450.5. Torque & plugging, pick up, SL drag for 1', bleed pressure off & TOH, no drag. Recovered 1/4 gallon of junk iron as follow: 2 large piece of junk iron oval shaped, 2 1/2" & 3" in diameter; 20 odd pieces 1/2" to 1" long & 1/4" mass. 2 large pieces in top of shoe & smaller pieces plugged cement in botton of shoe. Cut rite shoe worn out, shut well in & SDFN. Will pick up new 3 3/4 smooth OD cut rite shoe & 3 1/2 extension AM & TIH. (1730 hrs)

DMC-\$ 0 TMC-\$ 63,409 TDC-\$ 6440 CWC-\$ 1,240,356 CMIC- KJ

11/08/97

Days- 80; Depth- 11855; FTG- -; PREP TO DRILL CEMENT IN LINER; TD Basal Lower Morrow; PREP TO DRILL CMT IN LINER; MW- 10.2; Vis- 38; Bit#- Rerun 14; SN- A17369; Size- 3 3/4; Mfg- Walmac; Type- 1T; Jets- center; In- 11458.5; Out- 11473; Ftg- 14.5; Hrs- 1/4; Ft/Hr- 58; WOB- 4-5; RPM- slow; BHA(ft)- 176.60; BHA as follows: 3 3/4 bit .30 bit sub 1.29 6-2 7/8 DC 173.95 xo 1.06 total BHA 176.60; 0700 hrs-No pres on csg open well up & TIH same smooth OD cut rite shoe, rewired & new cut rite on 3 3/4 shoe. Roll shoe into liner top @ 8962 wrench. TIH to 11430 & rig up stripping rubber & power swivel & circ 30 minutes. Tagged on junk @ 11450.5, torque down to 11451. PU, no drag, drill plug down to 11452, SL torque, PU, no drag, pressure building from 800 to 1000# f/11452-11453, PU, no drag, drill plug f/11453 to 11455, SL torque & plugging, PU, no drag, drill from 11455 to 11457, SL torque & plugged & 11457, PU, no drag, set 4K on shoe & drill f/11457 to 11458.5 plugged, PU, no drag, bleed pres off & TOH, made total 8' to 11458.5, wet string recovered 30 odd pieces of junk iron, 1/2" to 1" long & 1/4" mass, 6 bigger pieces, 1" long, 1" wide, 1/2" to 3/4" in mass, 6" of cement in bottom of shoe.

TMC-\$ 63,409 TDC-\$ 4,236 CWC-\$ 1,244,592 CMIC- KJ