

HAPPY VALLEY '4' FED #22

12/30/97 Days- 132; TD- 11,856'; PBTD- 11,815'; AFTER FRAC FLOW BACK; Lower Morrow; Perfs- 11770'-11772' & 11774'-11776' 4' w/19 holes.; Csg- 4 1/2 13.5# 8933'-11856; Tbg- 2 3/8"; Pkr Dpth- 11,410'; BOPD- 0; MCF/D- 0; BWPD- 42; Flowing back to frac tank on a 1/4" choke. FTP-250 psi. Recovered 42 BW. TLTR-157 BW.
 DWC-\$ 25. CWC-\$ 1,475,542 CMIC- GS

12/31/97 Days- 133; TD- 11,856'; PBTD- 11,815'; AFTER FRAC FLOW BACK; Lower Morrow; Perfs- 11770'-11772' & 11774'-11776' 4' w/19 holes.; Csg- 4 1/2 13.5# 8933'-11856; Tbg- 2 3/8"; Pkr Dpth- 11,410'; BOPD- 0; MCF/D- 0; BWPD- 0; Flowing back to frac tank on a 1/4" choke. FTP-250 psi. Recovered 35 BW. TLTR-122 BW. Hauled 1 load water out of frac tank.
 DWC-\$ 25. CWC-\$ 1,475,567 CMIC- GS

01/01/98 Days- 134; TD- 11,856'; PBTD- 11,815'; FLOW BACK AFTER FRAC; Lower Morrow; Perfs- 11770'-11772' & 11774'-11776' 4' w/19 holes.; Csg- 4 1/2 13.5# 8933'-11856; Tbg- 2 3/8"; Pkr Dpth- 11,410'; BOPD- 0; MCF/D- 0; BWPD- 39; Flowing back to frac tank on a 1/4" choke. FTP-200 psi. Recovered 39 BW. TLTR-90 BW.
 DWC-\$ 25. CWC-\$ 1,475,592 CMIC- GS

01/02/98 Days- 135; TD- 11,856'; PBTD- 11,815'; FLOW BACK AFTER FRAC; Lower Morrow; Perfs- 11770'-11772' & 11774'-11776' 4' w/19 holes.; Csg- 4 1/2 13.5# 8933'-11856; Tbg- 2 3/8"; Pkr Dpth- 11,410'; BOPD- 0; MCF/D- 0; BWPD- 30; Flowing to frac tank on a 1/4" choke. FTP-200 psi. Recovered 30 BW. TLTR-60 BW.
 DWC-\$ 25. CWC-\$ 1,475,617 CMIC- GS

01/03/98 Days- 136; TD- 11,856'; PBTD- 11,815'; WELL ON LINE; Lower Morrow; Perfs- 11770'-11772' & 11774'-11776' 4' w/19 holes.; Csg- 4 1/2 13.5# 8933'-11856; Tbg- 2 3/8"; Pkr Dpth- 11,410'; BOPD- 0; MCF/D- 0; BWPD- 20; flowing well to pit on a 1/4" choke. FTP-175 psi. Recovered est. 20 BW. TLTR-40 BW. Pulled water out of frac tank. Removed lines to frac tank. Tied flow line to production unit. Installed hi-low valve. Took gas sample and checked CO2. CO2 @ 4.47% of volume, too high to sell. Tied in line to pit. Flared gas overnite. Will take another sample this AM.
 DWC-\$ 836. CWC-\$ 1,476,453 CMIC- GS