

Burton Flat Unit Well #3
1980' FWL & 700' FSL Sec. 3, T-21S, R-27E
Eddy County, New Mexico

DRILL STEM TEST

DST #1; 10,243-10,462' Strawn;
Tool open w/ good strong blow; GTS in 4 Mins.
10 Min. - 325 psi - 1.810 MMCFPD
20 Min. - 450 psi - 2.507 "
27 Min. Mud spray to surface;
30 Min. - 500 psi - 2.785 "
Shut in 1 Hr.; Tool open w/ 50 psi;
10 Mins. - 375 psi - 2.089 MMCFPD;
20 Mins. - 550 psi - 3.063 " ; Muddy spray;
30 Mins. - 600 psi - 3.342 " ; Muddy Wtr spray;
40 Mins. - 610 psi - 3.398 " ; " " "
6800 chlorides
50 Mins. - 625 psi - 3.482 " ; Muddy Wtr spray;
55 Mins. Unload head of Distillate;
60 Mins. - 650 psi - 3.621 " ;
Shut in 2 Hrs.
Recovered 606 total fluid; 153' condensate (1.65 Bbl.);
453' WGCDM (2.59 Bbls.);
IF (30 Mins.) = 1063 to 1357 psi;
ISIP (60 Mins.) = 5089, still building;
FF (60 Mins.) = 1114 to 1369;
FSIP (120 Mins.) = 5089, still building;
IH = 5587; FH = 5472;
MFE Sampler - 1000 psi, 8 cf, 60 cc condensate, no mud or wtr;
Condensate 54.5° API @ 68°; BHT = 162°;
Mud pit = 7600 ppm chlorides; R = .26 @ 64°;
Flowing liquid sample = 6800 ppm chlorides; R = .24 @ 56°;
Top 453' sample = 7300 ppm chlorides; R = .38 @ 70°;
Bottom 453' sample = 7900 ppm chlorides; R = .27 @ 66°;