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DST #1 8470-8496' in Strawn; 20 Min. preflow w/ GTS in 20 Mins. @ 29 MCF rate; 1/2" top choke & 3/4" bottom choke; SI 60 Mins.; Tool open 40 Mins w/ gas rate from 30 MCF to TSTM; Rec. 230' GCDM; Smplr 2/10 cu ft gas, 1500 cc mud, 100 psi, Temp. 128 Deg. F.; IHP 3976 psi; 20 Min. FP 65 to 87 psi; 60 Min. SIP 3184 psi bldg; 40 Min. FP 87 to 109 psi; 120 Min. SIP 3206 psi bldg.

T.D. 10,436';  
DST #2 in Morrow 10,028' to 10,436'; Took 20 Min. preflow w/ GTS in 4 Mins; In 5 Mins. had 35 psi on 1" choke @ 1.2 MMCF rate; At the end of 20 Mins. 70 psi on 1" choke @ rate of 2.2 MMCF. SI 60 Mins; Opened for 60 Mins; No pressure initially; In 5 Mins. had mud & gas, 60 psi on 1" @ 1.9 MMCF rate; At end of 30 Mins. had mud & gas w/ 130 psi on 1" w/ 3.6 MMCF rate; At end of 60 Mins. 110 psi on 1" @ 3.2 MMCF; Squeezed some water out of mud & had 2 M ppm chlorides. S.I. 130 Mins.; Opened tool for 120 Mins; In 5 Mins. had mud & gas w/ 80 psi on 1" w/ 2.5 MMCF; In 15 Mins. 160 psi on 1" w/ 4.5 MMCF; At this point getting so much mud & water could not keep flare lighted, so reduced choke to 1/2"; In 25 Mins. 380 psi w/ 2.6 MMCF; In 35 Mins. 400 psi on 1/2" w/ 2.7 MMCF; In 45 Mins. 400 psi on 1/2" w/ 2.7 MMCF; Got water sample w/ 23 M ppm chlorides; In 60 Mins. on 1/2" had 380 psi w/ 2.6 MMCF; In 75 Mins. 370 psi on 1/2" w/ 2.6 MMCF; In 90 Mins. 360 psi on 1/2" w/ 2.4 MMCF & big slug of water hit; In 105 Mins. 365 psi on 1/2" w/ 2.5 MMCF; In 120 Mins. 370 psi on 1/2" w/ 2.6 MMCF; S.I. 240 Mins. Rec. 931' MCF - Wtr 42 M ppm chlorides.

Smplr 4 M psi 393' Cu Ft gas, 1,000 cc Wtr Chlorides 35 M ppm; BHT 151 Degrees.  
IHP 4882 psi; FHP 4842 psi;  
20 Min preflow press 1164 psi;  
60 Min. SIP 4174 psi;  
60 Min F.P. 1282 psi;  
130 Min. SIP 4153 psi;  
120 Min F.P. 1360 psi;  
240 Min. S.I.P. 4133 psi;  
Now on bottom w/ bit circulating;  
Getting Csg. on road to location;  
Prep to straddle test 10,116 to 10,246';  
DST #2 extrapolated pressures:  
60 Min. S.I. 4245 psi;  
130 Min. S.I. 4228 psi;  
240 Mins. S.I. 4205 psi.

T.D. 10,436';  
DST #3, 10,116 to 10,246'; Opened tool for 60 Mins w/ good steady blow thruout, not decreasing; No GTS; Rec. 1190' Slight CCM & Wtr; No gas in DP;  
60 Min. FP 300 to 500 psi;  
120 Min. S.I. 3682 building;  
IHP 4700 psi; FHP 4666 psi;

DST #4; 10,013 to 10,112';  
MW 9.1. Vis 42, WL 4.9, Ph 10.0, Chlorides 1000 ppm.  
Opened tool @ 3:00 PM on 1" choke w/ good strong blow; GTS in 5 Mins., 60 psi on 1" @ 1.9 MM.  
30 Mins. on 1" choke 108 psi 3.1 MM  
45 Mins. on 1" choke. 115 psi 3.2 MM  
56 Mins. on 1" choke; started getting spray of muddy water.

1 Hr. on 1" choke, 100 psi. 3 MM.  
1 1/2 Hrs. on 1/2" Choke. 280 psi 1.56 MM  
1 1/2 Hrs. on 1/2" choke, 300 psi, 1.67 MM, Est. water 5 to 6 BPH.

1 3/4 Hr. on 1/2" choke, 312 psi, 1.74 MM

2 Hrs. on 1/2" choke, 312 psi, 1.74 MM

2 1/2 Hrs. on 1/2" choke, 312 psi, 1.74 MM

3 Hrs. on 1/2" choke, 312 psi, 1.74 MM

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