

GOVERNMENT M #1

DST #1 5400-5450 (50'), 3rd Bone Springs Sand - no bottom choke x $\frac{1}{4}$ " top choke. No water blanket. Tool open 1 hour 25 min. (Drill pipe started leaking after 3 minutes) Weak blow for 30 sec, and died. Started blowing again in 3 min. Had weak blow throughout test.

ISIP (1 hour)	215 psi
IF	86 psi
FF	602 psi
FSIP (1 hour)	645 psi
MCP	2446 psi
Temp.	122° F

Recovered 1620' drilling mud. No gas. No oil.

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DST #2 5900-5960 (60') Strawn Lime, no bottom x $\frac{1}{4}$ " top chokes, no water cushion. Tool open 2 hours. Gas to surface in 12 minutes. Weak blow throughout test. Zero surface pressure. Gas volume TSTM. Recovered: 200' heavy gas cut drilling mud. No water or oil.

ISIP (1 hour)	903 psi
IF	86 psi
FF	129 psi
FSIP (1 hour)	473 psi
MCP, in and out	2702 psi

DST #3 5950-6005, testing 55' of Strawn lime. No bottom choke x $\frac{1}{4}$ " top choke, no water blanket. Tool open 2 hours. Weak blow throughout test. No gas to surface. No surface pressure. Recovered 25' of drilling mud. No indication of oil or water.

ISIP (1 hour)	436 psi
IF	87 psi
FF	87 psi
FSIP (1 hour)	524 psi
MCP, in and out	2816 psi

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DST #4 7040-7085, 45' of Morrow sand. No bottom x $\frac{1}{4}$ " top chokes. No water cushion. Tool opened with strong blow. Gas to surface in 3 minutes, 60 psi in 10 min. pre flow on 1" choke. Shut in tool for 1 hour for ISIP. Tool reopened on $\frac{3}{4}$ " choke. FTP 75 psi. Flowing gas at rate of 1,729 MCF/D. No fluid to surface. Changed to $\frac{1}{2}$ " choke. FTP built up to 420 psi and levelled off. Flowing gas at rate of 1,362 MCF/D. No fluid to surface. Shut in tool for 1 hour FSIP. Recovered 440' (3.5 barrels) of formation water that titrates 79,500 PPM Chlorides

ISIP (1 hour)	2959 psi
IF	516 psi
FF	860 psi
FSIP (1 hour)	2702 psi
MCP, in and out	3302 psi

DST #5 7295-7344, (49' of Miss. Lime) No bottom x $\frac{1}{4}$ " top chokes. No water cushion. Tool open for 10 min. preflow. Good blow. Shut in 1 hour for ISIP. Tool open on $\frac{1}{4}$ " choke. Max. press 3# in 3 min. Opened on $\frac{1}{2}$ " choke. Gas to surface in 9 min at zero pressure. Decreased to weak blow at end of 2 hour flow period.