

DRILL STEM TESTS
STATE OF NEW MEXICO "F" #1

DST #1

From 9665' to 9760'. Tool open 1 hr. and 20 minutes with no show. Weak blow for 12 minutes and died. Recovered 20' mud with no show. Flowing pressure 60-60#, 30 minute SIP 235#.

DST #2

From 10,110' to 10,186'. Tool open 1-1/2 hrs. Fair blow air throughout. Recovered 30' mud. IFP 45#, FFP 45#, 30 minute SI 70#, Hyd. 4670 out 4710.

DST #3

From 10,305' to 10,385'. Tool open 1 hr. Gas to surface in 7 minutes, had oil to surface in 15 minutes and flow line plugged immediately. Broke off flow line. Well unplugged and unloaded oil and gas for 1-1/2 hrs. Reversed out full string oil and gas. Oil gravity 37. Rec. below circ. sub 210' oil and gas cut mud. IFP 1600#, FFP 3195#, 45 minute SI 3415#.

DST #4

From 10,385' to 10,430'. Tool open 1-1/2 hrs. Good blow air throughout. Rec. 3950' gas in drill pipe, 15' slightly gas cut mud and 30' oil and gas cut mud. IFP 45#, FFP 45#, 30 minute ISIP 755#, FSIP 330#.

DST #5

From 10,780' to 10,840'. Tool open 1 hr. and 30 minutes throughout test. Rec. 2000' gas in drill pipe, and 35' slightly oil and gas cut mud, IFP 75#, FFP 75#, 30 minute ISIP 570#, ~~FSIP~~ 375#.

DST #6

From 10,880' to 10,916'. Packer failed.

DST #7

From 10,850' to 10,918'. Tool open 1-1/2 hrs. Weak blow immediately, increased to good blow in 20 minutes. Remained good throughout test. Rec. 810' gas cut water blanket, 75' oil and gas cut mud, IFP 430#, FFP 430# in 30 minutes. ISIP 2360#, 30 minute FSIP 1780#.

DST #8

From 13,184' to 13,227'. Tool open 2-1/2 hrs. Gas to surface in 1 hr. and 5 min. Rec. 540' mud, 2080 gas cut mud, IFP 680#, FFP 955#, 30 minute SIP 1235#.

WATER BLOW TEST
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Test 1

From 10,000 to 10,000. Tool open 1 in. and 30 minutes with no blow. Water blow test. 10 minutes and died. Recovered 10' and with no blow. Flowing pressure 10-20, 10 minutes 10, 20.

Test 2

From 10,000 to 10,000. Tool open 1-1/2 in. and 30 minutes with no blow. Water blow test. 10 minutes and died. Recovered 10' and with no blow. Flowing pressure 10-20, 10 minutes 10, 20.

Test 3

From 10,000 to 10,000. Tool open 1 in. and 30 minutes with no blow. Water blow test. 10 minutes and died. Recovered 10' and with no blow. Flowing pressure 10-20, 10 minutes 10, 20.

Test 4

From 10,000 to 10,000. Tool open 1-1/2 in. and 30 minutes with no blow. Water blow test. 10 minutes and died. Recovered 10' and with no blow. Flowing pressure 10-20, 10 minutes 10, 20.

Test 5

From 10,000 to 10,000. Tool open 1 in. and 30 minutes with no blow. Water blow test. 10 minutes and died. Recovered 10' and with no blow. Flowing pressure 10-20, 10 minutes 10, 20.

Test 6

From 10,000 to 10,000. Tool open 1 in. and 30 minutes with no blow. Water blow test. 10 minutes and died. Recovered 10' and with no blow. Flowing pressure 10-20, 10 minutes 10, 20.

Test 7

From 10,000 to 10,000. Tool open 1-1/2 in. and 30 minutes with no blow. Water blow test. 10 minutes and died. Recovered 10' and with no blow. Flowing pressure 10-20, 10 minutes 10, 20.

Test 8

From 10,000 to 10,000. Tool open 1-1/2 in. and 30 minutes with no blow. Water blow test. 10 minutes and died. Recovered 10' and with no blow. Flowing pressure 10-20, 10 minutes 10, 20.