



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mustang Energy Corp

22-11-19, Ellis, KS

PO Box 1121
Hays KS 67601

M.R. Allen well #15

Job Ticket: 60936

DST#: 1

ATTN: Steve Reed

Test Start: 2014.10.05 @ 23:45:00

GENERAL INFORMATION:

Formation: **Arb.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:04:15

Time Test Ended: 09:49:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 59

Interval: 3400.00 ft (KB) To 3478.00 ft (KB) (TVD)

Reference Elevations: 1951.00 ft (KB)

Total Depth: 3478.00 ft (KB) (TVD)

1946.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8934 Inside

Press@RunDepth: 79.37 psig @ 3401.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.05

End Date:

2014.10.06

Last Calib.:

2014.10.06

Start Time: 23:45:05

End Time:

09:49:15

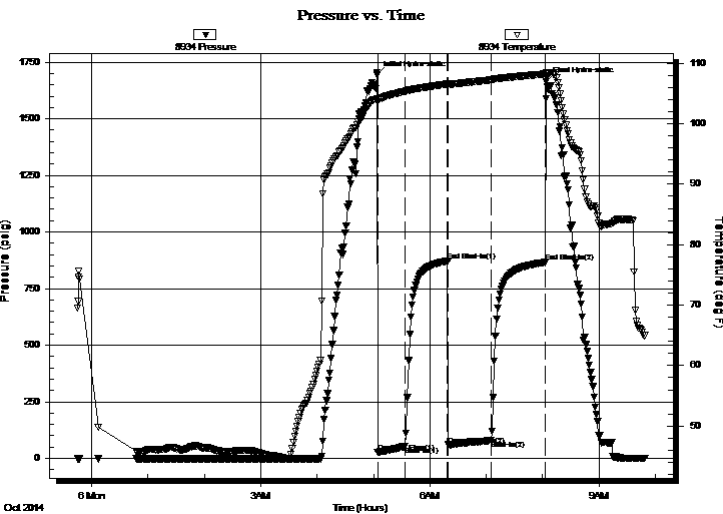
Time On Btm:

2014.10.06 @ 05:03:45

Time Off Btm:

2014.10.06 @ 08:04:00

TEST COMMENT: IF-3in blow
IS-No blow
FF-2in blow
FS-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1692.79	104.20	Initial Hydro-static
1	25.66	103.61	Open To Flow (1)
30	52.14	105.34	Shut-In(1)
75	871.65	106.55	End Shut-In(1)
76	59.70	106.35	Open To Flow (2)
122	79.37	107.23	Shut-In(2)
180	865.64	108.22	End Shut-In(2)
181	1664.51	108.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	SOCM 10%O 90%M	0.32
100.00	VSGO 5%G 95%O	0.90

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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FLUID SUMMARY

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ATTN: Steve Reed

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

23 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	SOCM 10%O 90%M	0.320
100.00	VSGO 5%G 95%O	0.902

Total Length: 165.00 ft

Total Volume: 1.222 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

