



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: 60937

DST#: 2

ATTN: Steve Reed

Test Start: 2014.10.06 @ 15:05:00

GENERAL INFORMATION:

Formation: **Arb.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:06:00

Time Test Ended: 21:39:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 3478.00 ft (KB) To 3485.00 ft (KB) (TVD)

Reference Elevations: 1951.00 ft (KB)

Total Depth: 3485.00 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: 181.75 psig @ 3479.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.06

End Date:

2014.10.06

Last Calib.: 2014.10.06

Start Time: 15:05:05

End Time:

21:39:29

Time On Btm: 2014.10.06 @ 17:05:30

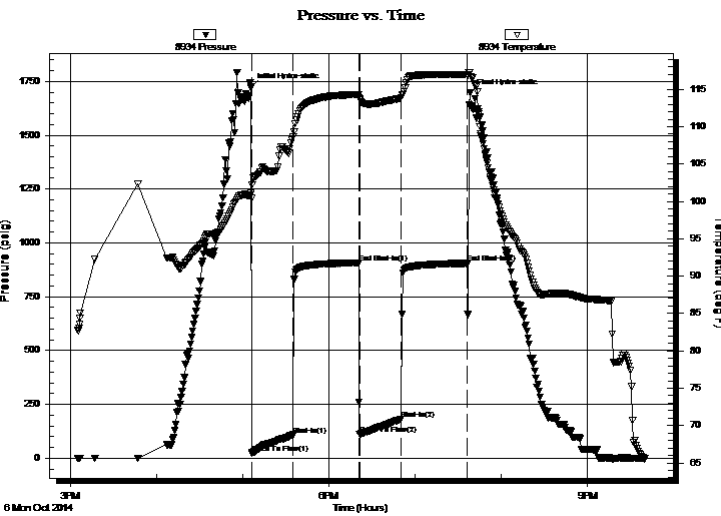
Time Off Btm: 2014.10.06 @ 19:38:00

TEST COMMENT: IF-BOB in 18 1/2min

ISI-No blow

FF-BOB in 20min

FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1718.81	101.08	Initial Hydro-static
1	22.59	100.42	Open To Flow (1)
30	108.56	108.66	Shut-In(1)
75	907.06	114.30	End Shut-In(1)
76	111.71	113.76	Open To Flow (2)
105	181.75	113.87	Shut-In(2)
151	904.78	116.96	End Shut-In(2)
153	1695.06	117.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	VSMCW 5%M 95%W	1.50
130.00	VSOCW 5%O 95%W	1.82
100.00	VSGO 5%G 95%O	1.40
0.00	120ft GIP	0.00

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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DST#: 2

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Test Start: 2014.10.06 @ 15:05:00

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:

45000 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 bbbl
185.00	VSMCW 5%M 95%W	1.502
130.00	VSOCW 5%O 95%W	1.824
100.00	VSGO 5%G 95%O	1.403
0.00	120ft GIP	0.000

Total Length: 415.00 ft

Total Volume: 4.729 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

