



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Meridian Energy Inc
 1475 Ward Dr
 Franktown Co 80116
 ATTN: Pat Deenihan

33-9s-19w

Hamel 3A

Job Ticket: 52539

DST#: 3

Test Start: 2013.10.15 @ 05:24:55

GENERAL INFORMATION:

Formation: **LKC=H & I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:51:25

Time Test Ended: 12:48:55

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 67

Interval: 3548.00 ft (KB) To 3588.00 ft (KB) (TVD)

Total Depth: 3588.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2213.00 ft (KB)

2208.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8679

Inside

Press @ Run Depth: 765.43 psig @ 3552.00 ft (KB)

Start Date: 2013.10.15

End Date: 2013.10.15

Start Time: 05:24:56

End Time: 12:46:55

Capacity: 8000.00 psig

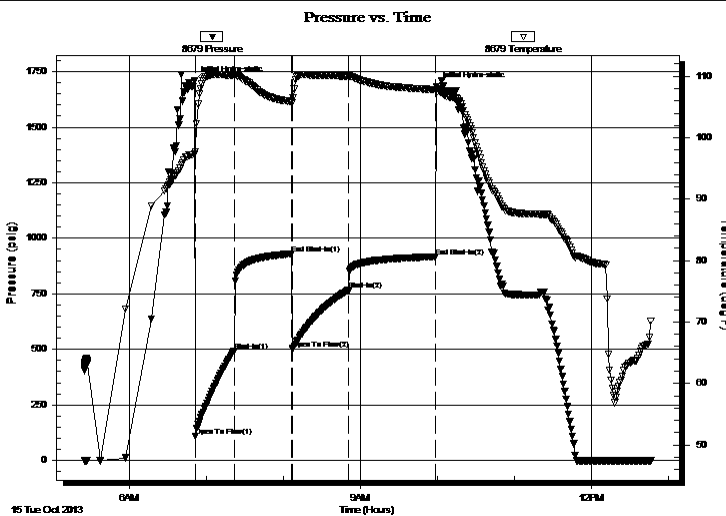
Last Calib.: 2013.10.15

Time On Btm: 2013.10.15 @ 06:50:25

Time Off Btm:

TEST COMMENT: IFP=Strong blow BOB in 3 min
 ISI=Dead no blow back
 FFP=Weak blow built to 4 in died back to 1/8 in
 FSI=Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1708.08	97.32	Initial Hydro-static
1	107.54	97.78	Open To Flow (1)
31	492.46	110.22	Shut-In(1)
76	929.93	105.90	End Shut-In(1)
77	501.27	105.74	Open To Flow (2)
121	765.43	110.02	Shut-In(2)
188	917.06	107.75	End Shut-In(2)
189	1682.09	107.72	Initial Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1550.00	MW 15%M 85%W	20.70

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Job Ticket: 52539

DST#: 3

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Test Start: 2013.10.15 @ 05:24:55

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 8.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 76.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1550.00	MW 15%M 85%W	20.704

Total Length: 1550.00 ft Total Volume: 20.704 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

