



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Meridian Energy Inc.
1475 Ward Dr.
Franktown Colorado
80116
ATTN: Neal LaFon

Sec. 35 - 9 s. - 19 w. / Rooks

Pywell Unit #1

Job Ticket: 62488

DST#: 3

Test Start: 2014.11.23 @ 03:49:00

GENERAL INFORMATION:

Formation: **L.K.C. " I "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:24:45

Time Test Ended: 11:38:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bob Hamel

Unit No: 72

Interval: 3534.00 ft (KB) To 3580.00 ft (KB) (TVD)

Total Depth: 3580.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2199.00 ft (KB)

2193.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 6772 Inside

Press @ Run Depth: 42.85 psig @ 3537.00 ft (KB)

Start Date: 2014.11.23

End Date: 2014.11.23

Start Time: 03:49:05

End Time: 11:37:59

Capacity: 8000.00 psig

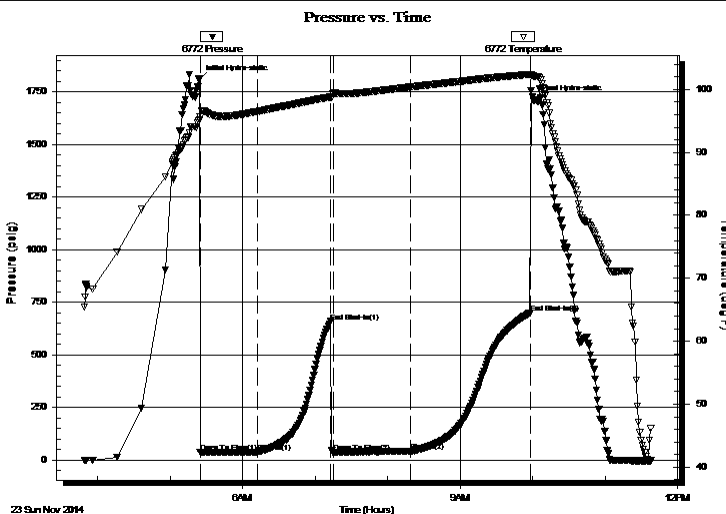
Last Calib.: 2014.11.23

Time On Btm: 2014.11.23 @ 05:24:15

Time Off Btm: 2014.11.23 @ 10:01:45

TEST COMMENT: I.F. - 45 - 1/8" INT. BLOW BUILT TO 3"
I.S.I. - 60 - NO B.B.
F.F. - 60 - 1/8" INT. BLOW BUILT TO 2 1/2"
F.S.I. - 90 - NO B.B.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1809.13	95.20	Initial Hydro-static
1	36.47	95.59	Open To Flow (1)
49	39.73	96.51	Shut-In(1)
109	658.56	98.78	End Shut-In(1)
111	35.93	99.32	Open To Flow (2)
175	42.85	100.37	Shut-In(2)
274	699.97	102.37	End Shut-In(2)
278	1711.36	102.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	TOOL SAMPLE 95% O 5%M	0.00
15.00	H,O,C,M, 25%O 75%M	0.21
10.00	C/O 100%	0.14

Gas Rates

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

* Recovery from multiple tests



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Time Test Ended: 11:38:00	Unit No: 72
Interval: 3534.00 ft (KB) To 3580.00 ft (KB) (TVD)	Reference Elevations: 2199.00 ft (KB)
Total Depth: 3580.00 ft (KB) (TVD)	2193.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair
	KB to GR/CF: 6.00 ft

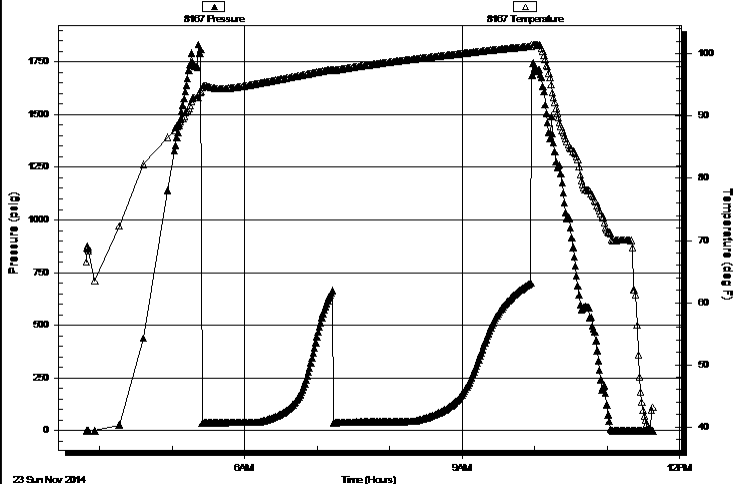
Serial #: 8167

Outside

Press @ Run Depth: psig @ 3537.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2014.11.23	End Date: 2014.11.23
Start Time: 03:49:05	End Time: 11:37:44
	Last Calib.: 2014.11.23
	Time On Btm:
	Time Off Btm:

TEST COMMENT: I.F. - 45 - 1/8" INT. BLOW BUILT TO 3"
I.S.I. - 60 - NO B.B.
F.F. - 60 - 1/8" INT. BLOW BUILT TO 2 1/2"
F.S.I. - 90 - NO B.B.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
0.00	TOOL SAMPLE 95% O 5%M	0.00
15.00	H,O,C,M, 25%O 75%M	0.21
10.00	C/O 100%	0.14

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 35 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.20 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 7000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	TOOL SAMPLE 95% O 5%M	0.000
15.00	H ₂ O,C,M, 25%O 75%M	0.210
10.00	C/O 100%	0.140

Total Length: 25.00 ft Total Volume: 0.350 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: CORRECTED OIL GRAVITY = 35 API @ 60 DEG.
TOOL SAMPLE = 95%O 5%M

