



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mull Drilling Co.

Jettie #1-34

1700 N Waterfront PKWY BLDG 1200 67206 6614

34/18/45

ATTN: Phil Askey

Job Ticket: 39427

DST#: 1

Test Start: 2011.05.09 @ 15:00:00

GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:40:00

Time Test Ended: 22:35:30

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: 4056.00 ft (KB) To 4121.00 ft (KB) (TVD)

Total Depth: 4121.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 3918.00 ft (KB)

3907.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6772 Outside

Press @ Run Depth: 50.05 psig @ 4059.00 ft (KB)

Start Date: 2011.05.09

End Date:

2011.05.09

Start Time: 15:00:05

End Time:

22:35:29

Capacity: 8000.00 psig

Last Calib.: 2011.05.09

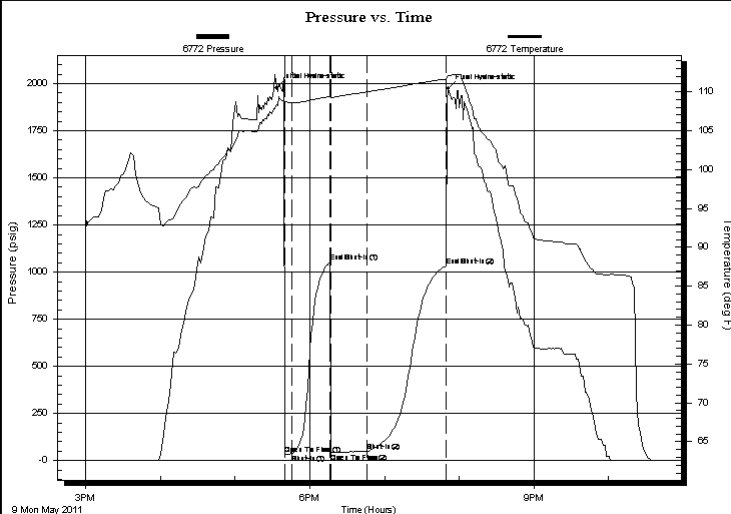
Time On Btm: 2011.05.09 @ 17:33:15

Time Off Btm: 2011.05.09 @ 19:51:15

TEST COMMENT: IF- Weak surface blow.
ISI- No blow back.
FF- Weak surface blow after 20min.
FSI- No blow back.

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1976.07	108.34	Initial Hydro-static
7	32.74	108.55	Open To Flow (1)
13	36.08	108.60	Shut-In(1)
44	1054.43	109.38	End Shut-In(1)
44	38.88	109.23	Open To Flow (2)
73	50.05	110.00	Shut-In(2)
137	1034.24	111.64	End Shut-In(2)
138	1973.64	112.04	Final Hydro-static

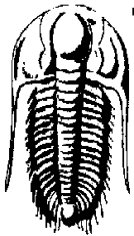


Recovery

Length (ft)	Description	Volume (bbl)
20.00	98% mud 2% oil trace of gas	0.12

Gas Rates

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

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	98% mud 2% oil trace of gas	0.121

Total Length: 20.00 ft

Total Volume: 0.121 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

