



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mull Drilling Co.

1700 N. Waterfront Parkway
STE. 1200
Wichita Ks, 67206
ATTN: Phil Askey

Scherler #1-15

15/17s/45w

Job Ticket: 39395

DST#: 6

Test Start: 2011.04.05 @ 14:55:53

GENERAL INFORMATION:

Formation: **Warsaw**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:45:38

Time Test Ended: 23:06:08

Test Type: Conventional Straddle

Tester: Mike Slemp

Unit No: 53

Interval: 5184.00 ft (KB) To 5264.00 ft (KB) (TVD)

Total Depth: 5380.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 4128.00 ft (KB)

4117.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8677 Inside

Press @ Run Depth: 48.01 psig @ 5185.00 ft (KB)

Start Date: 2011.04.05

End Date:

2011.04.05

Start Time: 14:55:54

End Time:

23:06:08

Capacity: 8000.00 psig

Last Calib.: 2011.04.05

Time On Btm: 2011.04.05 @ 17:44:23

Time Off Btm: 2011.04.05 @ 19:59:23

TEST COMMENT: IF- Weak surface blow 1/4 inch in 5 min

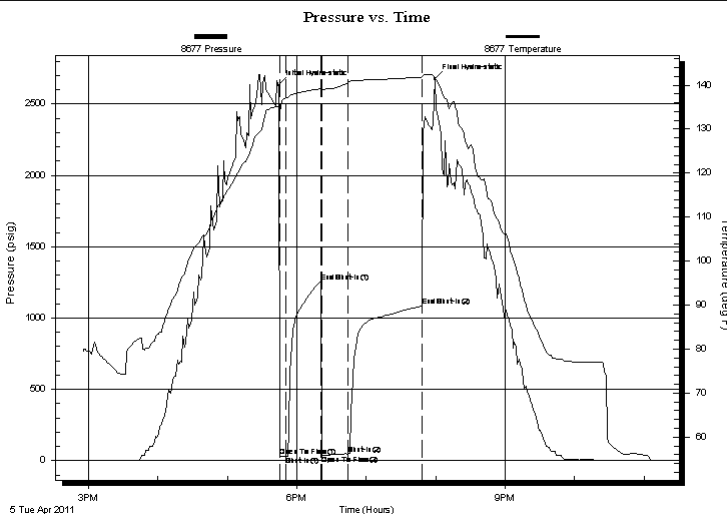
ISI- No blow back

FF- Weak surface blow for 30 min

FSI- No blow back

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2635.14	135.07	Initial Hydro-static
2	28.76	133.84	Open To Flow (1)
7	30.54	137.13	Shut-In(1)
37	1254.30	139.19	End Shut-In(1)
38	36.52	138.86	Open To Flow (2)
60	48.01	140.59	Shut-In(2)
124	1083.75	141.84	End Shut-In(2)
135	2674.89	141.68	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
65.00	mud100%	0.32

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Deviated: No Whipstock: ft (KB)

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Time Test Ended: 23:06:08

Test Type: Conventional Straddle

Tester: Mike Slemp

Unit No: 53

Interval: 5184.00 ft (KB) To 5264.00 ft (KB) (TVD)

Total Depth: 5380.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 4128.00 ft (KB)

4117.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8522 Below (Straddle)

Press @ Run Depth: psig @ 5270.00 ft (KB)

Start Date: 2011.04.05

End Date:

2011.04.05

Start Time: 14:51:41

End Time:

23:10:25

Capacity: 8000.00 psig

Last Calib.: 2011.04.05

Time On Btm:

Time Off Btm:

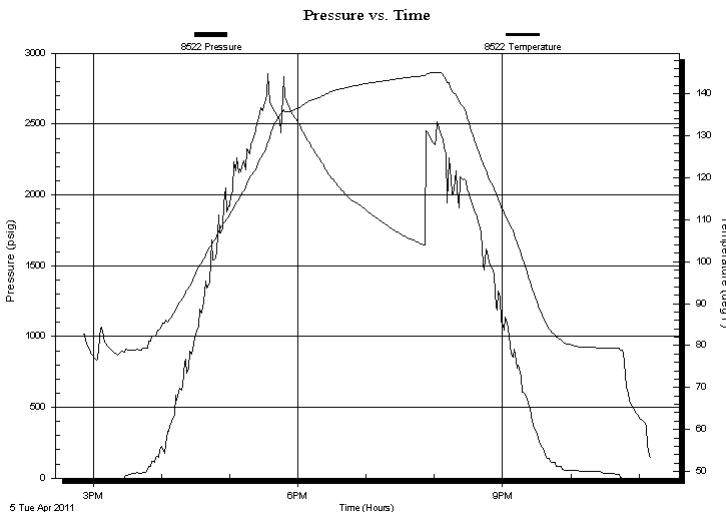
TEST COMMENT: IF- Weak surface blow 1/4 inch in 5 min

IS- No blow back

FF- Weak surface blow for 30 min

FS- No blow back

PRESSURE SUMMARY



Time
(Min.)

Pressure
(psig)

Temp
(deg F)

Annotation

Recovery

Length (ft)	Description	Volume (bbl)
65.00	mud100%	0.32

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co.

Scherler #1-15

1700 N. Waterfront Parkway
STE. 1200
Wichita Ks, 67206
ATTN: Phil Askey

15/17s/45w

Job Ticket: 39395

DST#: 6

Test Start: 2011.04.05 @ 14:55:53

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 7.60 in³

Resistivity: ohm.m

Salinity: 2000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	mud100%	0.320

Total Length: 65.00 ft

Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

