

DRILL STEM TEST REPORT

Prepared For: **Berexco Inc.**

P.O.Box 20380
Wichita, KS 67208

ATTN: Jim Hickman

32-29s-22w Ford Ks.

Melba#W1-32

Start Date: 2009.01.28 @ 13:52:43

End Date: 2009.01.28 @ 23:46:43

Job Ticket #: 33996 DST #: 1

KCC
FEB 17 2009
CONFIDENTIAL

15-057-206029

Trilobite Testing, Inc
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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P.O.Box 20380
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ATTN: Jim Hickman

Melba#W1-32

32-29s-22w Ford Ks.

Job Ticket: 33996

DST#: 1

Test Start: 2009.01.28 @ 13:52:43

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:36:13

Time Test Ended: 23:46:43

Test Type: Conventional Straddle

Tester: Gary Pevoteaux

Unit No: 39

Interval: **5288.00 ft (KB) To 5346.00 ft (KB) (TVD)**

Total Depth: 5459.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2486.00 ft (KB)

2473.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8167 Inside

Press@RunDepth: 46.23 psig @ 5289.00 ft (KB)

Start Date: 2009.01.28

End Date: 2009.01.28

Start Time: 13:52:48

End Time: 23:46:43

Capacity: 7000.00 psig

Last Calib.: 2009.01.28

Time On Btm: 2009.01.28 @ 16:35:13

Time Off Btm: 2009.01.28 @ 20:42:57

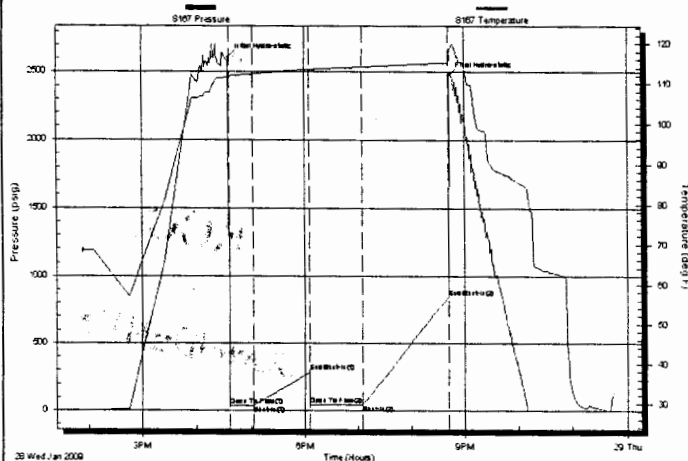
TEST COMMENT: IF:Weak to fair blow. Slow increase to 8".

ISI:No blow.

FF:Strong blow. B.O.B. in 6 1/2 mins.

FSI:No blow.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2605.72	111.53	Initial Hydro-static
1	32.53	111.49	Open To Flow (1)
28	38.35	112.37	Shut-In (1)
90	285.30	113.50	End Shut-In (1)
91	41.62	113.45	Open To Flow (2)
150	46.23	114.13	Shut-In (2)
248	845.66	115.15	End Shut-In (2)
248	2477.75	116.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	Heavy mud	0.34
0.00	760 ft. of GIP	0.00

Gas Rates

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

Berexco Inc.

Melba#W1-32

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32-29s-22w Ford Ks.

Job Ticket: 33996

DST#: 1

ATTN: Jim Hickman

Test Start: 2009.01.28 @ 13:52:43

Tool Information

Drill Pipe:	Length: 5020.00 ft	Diameter: 3.80 inches	Volume: 70.42 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 261.00 ft	Diameter: 2.25 inches	Volume: 1.28 bbl	Weight to Pull Loose: 123000.0 lb
			Total Volume: 71.70 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 100000.0 lb
Depth to Top Packer:	5288.00 ft			Final 100000.0 lb
Depth to Bottom Packer:	5346.00 ft			
Interval between Packers:	58.00 ft			
Tool Length:	209.00 ft			
Number of Packers:	3	Diameter:	6.75 inches	
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			5261.00		
Shut In Tool	5.00			5266.00		
Hydraulic tool	5.00			5271.00		
Jars	5.00			5276.00		
Safety Joint	3.00			5279.00		
Packer	4.00			5283.00	28.00	Bottom Of Top Packer
Packer	5.00		Inside	5288.00		
Stubb	1.00			5289.00		
Recorder	0.00	8167	Inside	5289.00		
Perforations	5.00			5294.00		
Change Over Sub	1.00			5295.00		
Blank Spacing	31.00			5326.00		
Change Over Sub	1.00			5327.00		
Perforations	15.00			5342.00		
Recorder	0.00	11019	Outside	5342.00		
Blank Off Sub	1.00			5343.00		
top of s packer	3.00			5346.00	58.00	Tool Interval
Packer	0.00			5346.00		
Stubb	1.00			5347.00		
Perforations	19.00			5366.00		
Change Over Sub	1.00			5367.00		
Drill Pipe	96.00			5463.00		
Change Over Sub	1.00			5464.00		
Recorder	0.00	8370	Inside	5464.00		
Bullnose	5.00			5469.00	123.00	Bottom Packers & Anchor
Total Tool Length:		209.00				



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FLUID SUMMARY

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Job Ticket: 33996

DST#: 1

ATTN: Jim Hickman

Test Start: 2009.01.28 @ 13:52:43

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:

8500 ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	Heavy mud	0.344
0.00	760 ft. of GIP	0.000

Total Length: 70.00 ft

Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

