



DRILL STEM TEST REPORT

Prepared For: **N-10 Exploration LLC**

124 N Main
Attica KS 67009

ATTN: Tim Pierce

15 34s 11w Barber,KS

Medicine River Ranch B#3

Start Date: 2010.11.17 @ 17:59:29

End Date: 2010.11.18 @ 02:26:29

Job Ticket #: 39494 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 26 2011

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

N-10 Exploration LLC

124 N Main
Attica KS 67009

ATTN: Tim Pierce

Medicine River Ranch B#3

15 34s 11w Barber,KS

Job Ticket: 39494

DST#: 1

Test Start: 2010.11.17 @ 17:59:29

GENERAL INFORMATION:

Formation: **Melsner Sand**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 20:19:29

Time Test Ended: 02:26:29

Test Type: **Conventional Bottom Hole**

Tester: **Esak Hadley**

Unit No: **34**

Interval: **4911.00 ft (KB) To 4930.00 ft (KB) (TVD)**

Total Depth: **4930.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1340.00 ft (KB)**

1330.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: **8166**

Inside

Press@RunDepth: **34.85 psig @ 4912.00 ft (KB)**

Start Date: **2010.11.17**

End Date:

2010.11.18

Capacity: **8000.00 psig**

Last Calib.: **2010.11.18**

Start Time: **17:59:34**

End Time:

02:26:28

Time On Btm: **2010.11.17 @ 20:09:59**

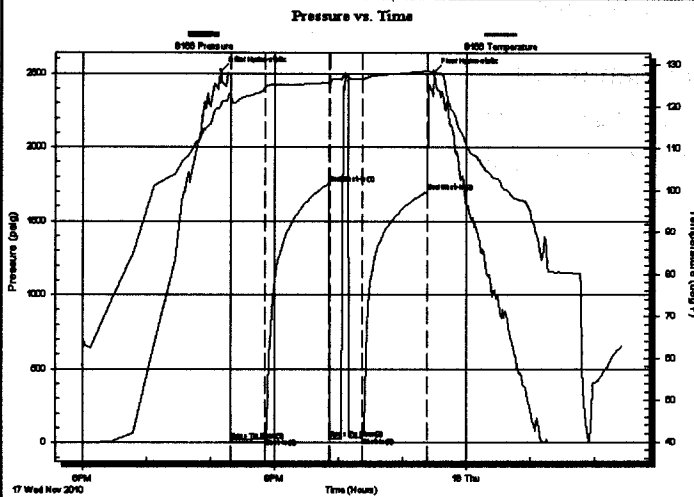
Time Off Btm: **2010.11.17 @ 23:29:44**

TEST COMMENT: **IF Weak surface blow . No more than 1/4"**

ISI No blow .

FF No blow .

FSI No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2518.50	120.43	Initial Hydro-static
10	17.30	122.37	Open To Flow (1)
41	25.03	124.55	Shut-In(1)
102	1756.50	125.76	End Shut-In(1)
102	28.86	125.26	Open To Flow (2)
133	34.85	126.71	Shut-In(2)
193	1698.75	128.46	End Shut-In(2)
200	2511.20	128.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	drig mud	0.05

Gas Rates

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



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TOOL DIAGRAM

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Tool Information

Drill Pipe:	Length: 4775.00 ft	Diameter: 3.80 inches	Volume: 66.98 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 78000.00 lb
			<u>Total Volume: 67.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4911.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4884.00	
Shut In Tool	5.00			4889.00	
Hydraulic tool	5.00			4894.00	
Jars	5.00			4899.00	
Safety Joint	2.00			4901.00	
Packer	5.00			4906.00	28.00 Bottom Of Top Packer
Packer	5.00			4911.00	
Stubb	1.00			4912.00	
Recorder	0.00	8166	Inside	4912.00	
Recorder	0.00	6773	Outside	4912.00	
Perforations	15.00			4927.00	
Bullnose	3.00			4930.00	19.00 Bottom Packers & Anchor

Total Tool Length: 47.00



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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: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	drig mud	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

