

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum**

8080 E Central
Wichita KS 67206

ATTN: Tim Priest

32 26 17W Edwards KS

Mull Investment "A"

Start Date: 2008.02.29 @ 01:31:28

End Date: 2008.02.29 @ 14:21:28

Job Ticket #: 31166 DST #: 1

CONFIDENTIAL
MAY 14 2008
KCC

32-26-17W

Trilobite Testing, Inc
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DRILL STEM TEST REPORT

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McCoy Petroleum

8080 E Central
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ATTN: Tim Priest

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Job Ticket: 31166 **DST#: 1**

Test Start: 2008.02.29 @ 01:31:28

GENERAL INFORMATION:

Formation: **Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:37:48
Time Test Ended: 14:21:28

Test Type: Conventional Bottom Hole
Tester: Kevin Taylor
Unit No: 24

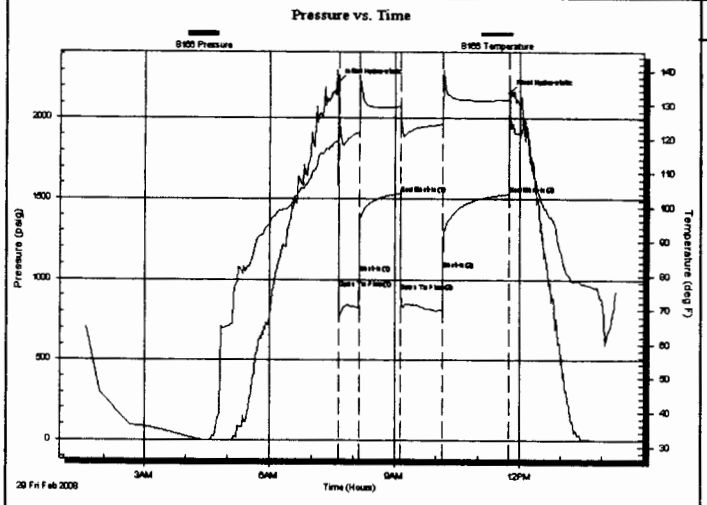
Interval: 4596.00 ft (KB) To 4636.00 ft (KB) (TVD)
Total Depth: 4636.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2153.00 ft (KB)
2140.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 8166 **Inside**
Press@RunDepth: 1062.98 psig @ 4597.00 ft (KB)
Start Date: 2008.02.29 End Date: 2008.02.29
Start Time: 01:31:33 End Time: 14:21:28

Capacity: 7000.00 psig
Last Calib.: 2008.02.29
Time On Btm: 2008.02.29 @ 07:37:07
Time Off Btm: 2008.02.29 @ 11:45:48

TEST COMMENT: IF Strong Blow BOB In 30 Sec GTS In 3 Min. See Gas Flow Report
ISI Strong Blow Died In 20 Min.
FF Strong BOB Immediately See Gas Flow Report
FSI Strong Blow Died In 17 Min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2220.86	119.65	Initial Hydro-static
1	947.03	126.01	Open To Flow (1)
31	1041.44	122.08	Shut-In(1)
91	1532.10	129.51	End Shut-In(1)
91	928.58	123.60	Open To Flow (2)
152	1062.98	124.65	Shut-In(2)
249	1529.31	131.52	End Shut-In(2)
249	2158.18	131.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Mud	0.66

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75		

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TOOL DIAGRAM

McCoy Petroleum

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Job Ticket: 31166 **DST#: 1**

Test Start: 2008.02.29 @ 01:31:28

Tool Information

Drill Pipe:	Length:	4376.00 ft	Diameter:	3.88 inches	Volume:	64.00 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:		28000.00 lb
Drill Collar:	Length:	208.00 ft	Diameter:	2.75 inches	Volume:	1.53 bbl	Weight to Pull Loose:		91000.00 lb
					Total Volume:	65.53 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		9.00 ft					String Weight:	Initial	89000.00 lb
Depth to Top Packer:		4596.00 ft						Final	89000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		40.00 ft							
Tool Length:		61.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Circulating sub	1.00			4576.00		
Change Over Sub	1.00			4577.00		
Shut In Tool	5.00			4582.00		
Hydraulic tool	5.00			4587.00		
Packer	5.00			4592.00	21.00	Bottom Of Top Packer
Packer	4.00			4596.00		
Stubb	1.00			4597.00		
Recorder	0.00	8166	Inside	4597.00		
Recorder	0.00	8356	Outside	4597.00		
Perforations	5.00			4602.00		
Drill Pipe	31.00			4633.00		
Bullnose	3.00			4636.00	40.00	Bottom Packers & Anchor
Total Tool Length:	**61.00**					

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FLUID SUMMARY

McCoy Petroleum

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32 26 17W Edwards KS

Job Ticket: 31166 **DST#: 1**

Test Start: 2008.02.29 @ 01:31:28

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:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	12.48 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5500.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	Mud	0.661

Total Length: 90.00 ft Total Volume: 0.661 bbl

Num Fluid Samples: 1 Num Gas Bombs: 1 Serial #: KT#1

Laboratory Name: Caraway Laboratory Location: Hugoton, KS

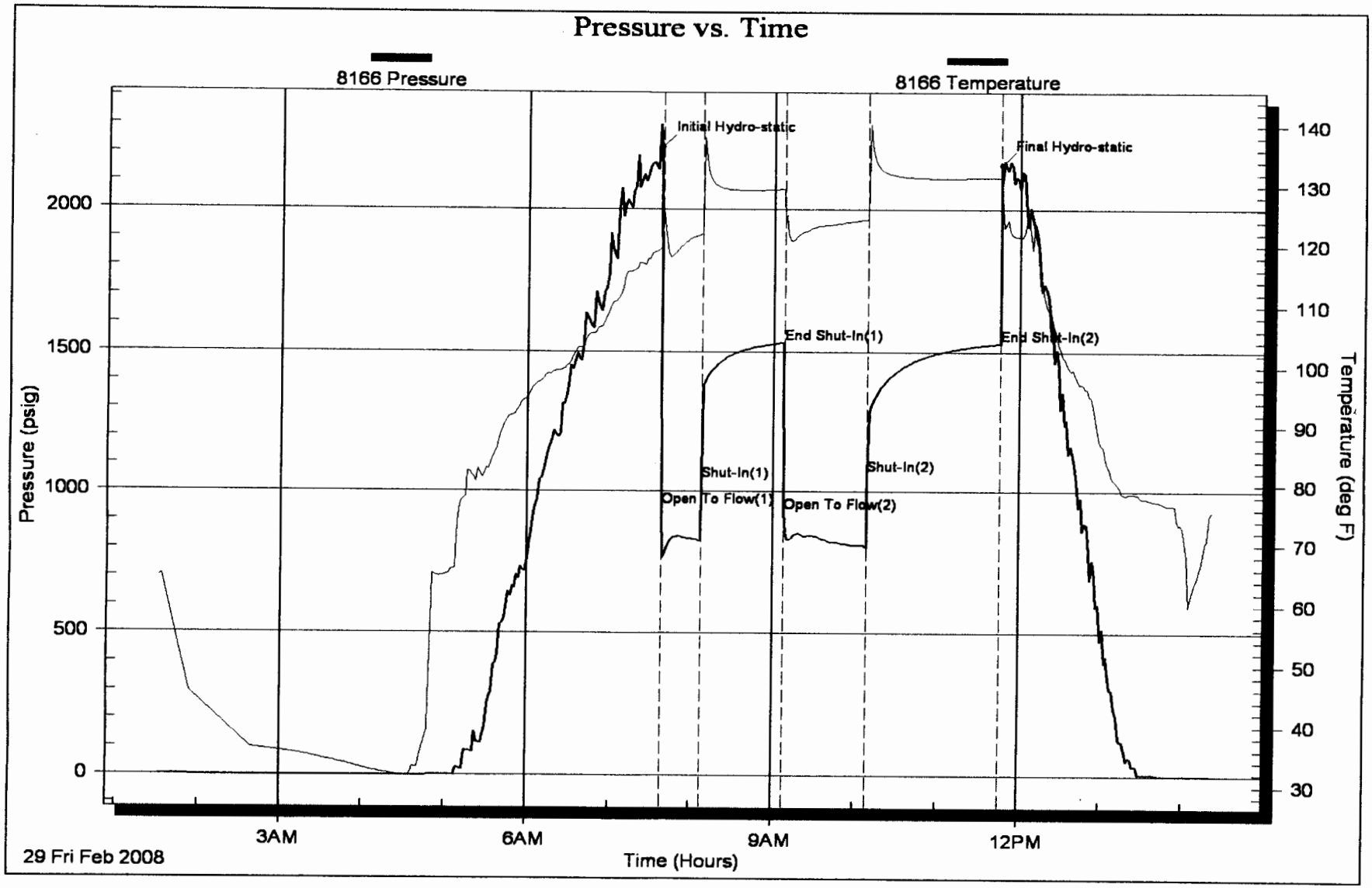
Recovery Comments:

GAS VOLUME REPORT

Operator: McCoy Petroleum
Well Name: Mull Investments 'A' DST #: 1

Remarks:

Min:	Ins. Of water	Orifice size	MCF/D	Min:	PSIG	Orifice size	MCF/D
10	250	.75		10	250	1.50	
20	250	.75		20	250	1.50	10705.9
30	250	.75		30	250	1.50	10705.9
				40	250	1.50	10705.9
				50	250	1.50	10705.9
				60	250	1.50	10705.9
		rates are estimates					


Pressure vs. Time
8166 Pressure
8166 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure (psig)
Temperature (deg F)
2000
1500
1000
500
0
140
130
120
110
100
90
80
70
60
50
40
30
3AM
6AM
9AM
12PM
29 Fri Feb 2008
Time (Hours)