IND

Woolsey Operating Co LLC Montgomery #3 26 33S 11W Barber KS DST # 1 Miss 2008.05.07

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

CONFIDENTIAL
AUG 27 2008
KCC

Prepared For: **Woolsey Operating Co LLC**

125 N Market Ste 1000
Wichita KS 67202-1729

ATTN: Dean Pattisson

26 33S 11W Barber KS

Montgomery #3

Start Date: 2008.05.07 @ 08:26:31
End Date: 2008.05.07 @ 17:04:26
Job Ticket #: 32804 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 28 2008
CONSERVATION DIVISION
WICHITA, KS

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Woolsey Operating Co LLC
125 N Market Ste 1000
Wichita KS 67202-1729

ATTN: Dean Pattisson

Montgomery #3

26 33S 11W Barber KS

Job Ticket: 32804 **DST#: 1**

Test Start: 2008.05.07 @ 08:26:31

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:19:26
Time Test Ended: 17:04:26

Interval: 4502.00 ft (KB) To 4562.00 ft (KB) (TVD)
Total Depth: 4562.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

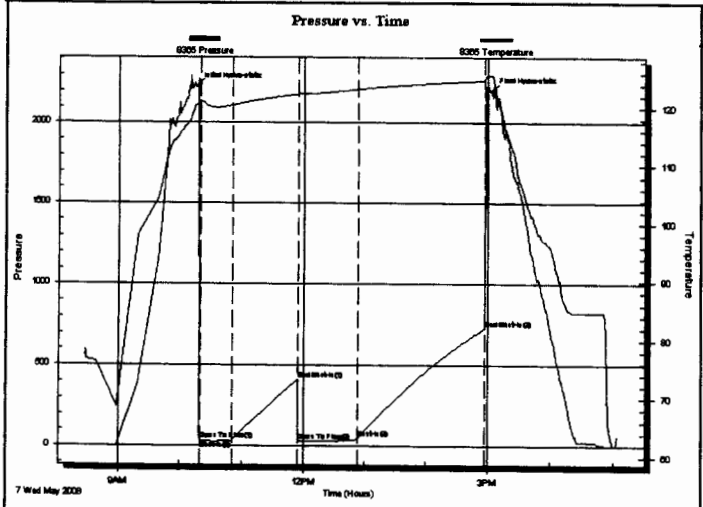
Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42

Reference Elevations: 1451.00 ft (KB)
1442.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8365 **Inside**

Press@RunDepth:	49.86 psig @	4537.01 ft (KB)		Capacity:	7000.00 psig
Start Date:	2008.05.07	End Date:	2008.05.07	Last Calib.:	2008.05.07
Start Time:	08:26:31	End Time:	17:04:26	Time On Btm:	2008.05.07 @ 10:15:56
				Time Off Btm:	2008.05.07 @ 15:03:25

TEST COMMENT: IFP Strg bl in 7 min
FFP Strg bl thru-out
Times 30 60 60 120
No bl on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2225.20	120.51	Initial Hydro-static
4	38.72	120.80	Open To Flow (1)
35	33.43	120.46	Shut-In(1)
99	411.40	122.37	End Shut-In(1)
99	30.21	122.48	Open To Flow (2)
157	49.86	123.23	Shut-In(2)
282	730.09	124.79	End Shut-In(2)
288	2196.67	125.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	GCM 10%G 90%M	0.21
0.00	300 ' GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)

DRILL STEM TEST REPORT

TOOL DIAGRAM

TRILOBITE TESTING, INC

Woolsey Operating Co LLC

125 N Market Ste 1000
Wichita KS 67202-1729

ATTN: Dean Pattisson

Montgomery #3

26 33S 11W Barber KS

Job Ticket: 32804 **DST#: 1**

Test Start: 2008.05.07 @ 08:26:31

Tool Information

Drill Pipe:	Length:	4497.00 ft	Diameter:	3.80 inches	Volume:	63.08 bbl	Tool Weight:		2200.00 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:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:		65000.00 lb
					Total Volume:	63.08 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		24.00 ft					String Weight:	Initial	54000.00 lb
Depth to Top Packer:		4502.00 ft						Final	54000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		60.02 ft							
Tool Length:		89.02 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4474.00		
Shut In Tool	5.00			4479.00		
Hydraulic tool	5.00			4484.00		
Jars	5.00			4489.00		
Safety Joint	3.00			4492.00		
Packer	5.00			4497.00	29.00	Bottom Of Top Packer
Packer	5.00			4502.00		
Stubb	1.00			4503.00		
Perforations	1.00			4504.00		
Blank Spacing	33.00			4537.00		
Recorder	0.01	8365	Inside	4537.01		
Recorder	0.01	6625	Outside	4537.02		
Perforations	22.00			4559.02		
Bullnose	3.00			4562.02	60.02	Bottom Packers & Anchor
Total Tool Length:	**89.02**					

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125 N Market Ste 1000
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ATTN: Dean Pattisson

Montgomery #3

26 33S 11W Barber KS

Job Ticket: 30370 **DST#: 2**

Test Start: 2008.05.08 @ 21:48:29

GENERAL INFORMATION:

Formation: **Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:10:59
Time Test Ended: 07:36:29

Interval: 4866.00 ft (KB) To 4892.00 ft (KB) (TVD)
Total Depth: 4892.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

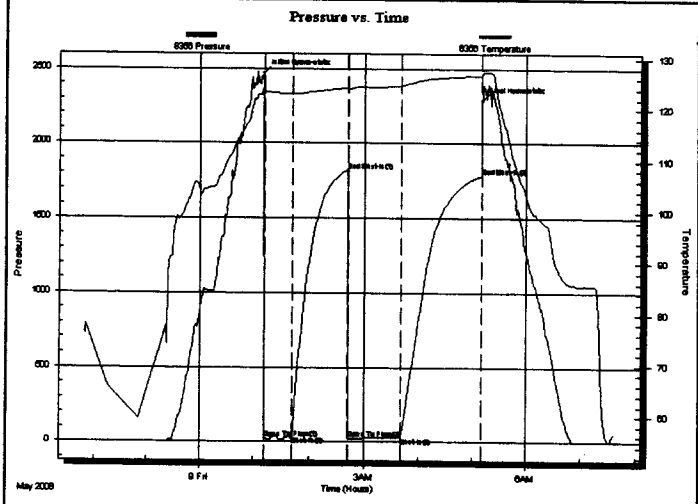
Test Type: Conventional Bottom Hole
Tester: Kevin Taylor
Unit No: 24

Reference Elevations: 1451.00 ft (KB)
1442.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8356 **Outside**

Press@RunDepth:	30.24 psig @	4867.00 ft (KB)		Capacity:	7000.00 psig
Start Date:	2008.05.08	End Date:	2008.05.09	Last Calib.:	2008.05.09
Start Time:	21:48:34	End Time:	07:36:29	Time On Btm:	2008.05.09 @ 01:10:19
				Time Off Btm:	2008.05.09 @ 05:11:19

TEST COMMENT: IF Fair blow BOB 2 min
ISI No blow
FF Strong blow BOB Immediately
FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2467.55	123.80	Initial Hydro-static
1	21.25	123.10	Open To Flow (1)
31	31.09	122.97	Shut-In(1)
92	1817.58	124.26	End Shut-In(1)
92	21.41	123.88	Open To Flow (2)
151	30.24	124.66	Shut-In(2)
241	1785.90	126.71	End Shut-In(2)
241	2283.89	126.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	SGOCM 75%M 22%G 3%O	0.70

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)

DRILL STEM TEST REPORT

TOOL DIAGRAM

TRILOBITE TESTING, INC

Woolsey Operating Co LLC

125 N Market Ste 1000
Wichita KS 67202-1729

ATTN: Dean Pattisson

Montgomery #3

26 33S 11W Barber KS

Job Ticket: 30370 **DST#: 2**

Test Start: 2008.05.08 @ 21:48:29

Tool Information

Drill Pipe:	Length:	4848.00 ft	Diameter:	3.80 inches	Volume:	68.00 bbl	Tool Weight:		2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		30000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:		62000.00 lb
					Total Volume:	68.00 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		10.00 ft					String Weight:	Initial	57000.00 lb
Depth to Top Packer:		4866.00 ft						Final	58000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		26.00 ft							
Tool Length:		54.00 ft							
Number of Packers:			Diameter:	6.75 inches					
Tool Comments:									

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4839.00		
Shut In Tool	5.00			4844.00		
Hydraulic tool	5.00			4849.00		
Jars	5.00			4854.00		
Safety Joint	3.00			4857.00		
Packer	5.00			4862.00	28.00	Bottom Of Top Packer
Packer	4.00			4866.00		
Stubb	1.00			4867.00		
Recorder	0.00	8166	Inside	4867.00		
Recorder	0.00	8356	Outside	4867.00		
Perforations	22.00			4889.00		
Bullnose	3.00			4892.00	26.00	Bottom Packers & Anchor
Total Tool Length:	**54.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

TRILOBITE TESTING, INC

Woolsey Operating Co LLC

125 N Market Ste 1000
Wichita KS 67202-1729

ATTN: Dean Pattisson

Montgomery #3

26 33S 11W Barber KS

Job Ticket: 30370 **DST#: 2**

Test Start: 2008.05.08 @ 21:48:29

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:	49.91 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

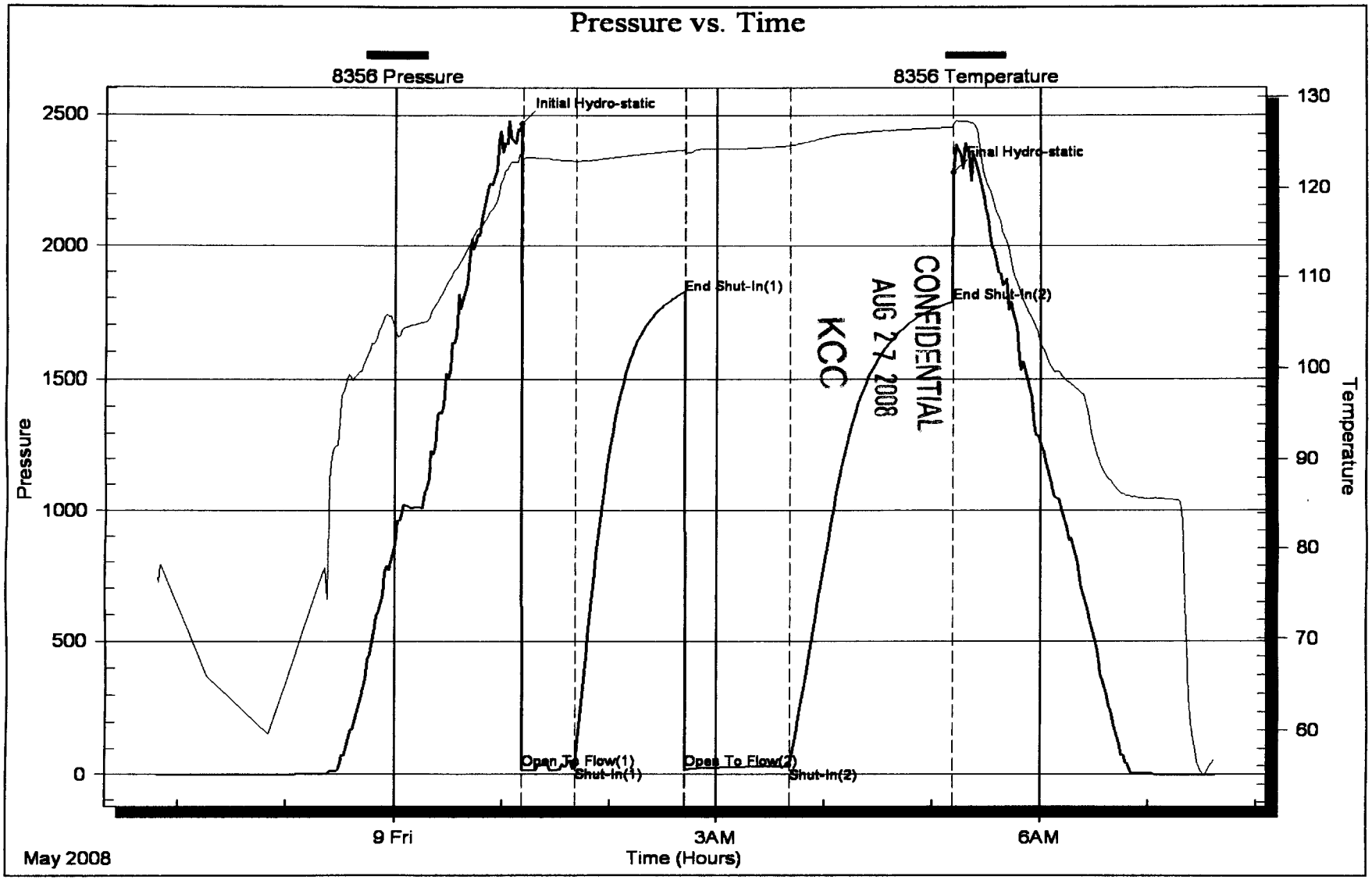
Length ft	Description	Volume bbl
50.00	SGOCM 75%M 22%G 3%O	0.701

Total Length: 50.00 ft Total Volume: 0.701 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



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