



**TRILOBITE
TESTING, INC.**

**KCC
SEP 06 2006
CONFIDENTIAL**

DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co Inc**

125 N Market Ste #1000
Wichita KS 67202

ATTN: Curtis Covey

7 34S 13W Barber Co

Blunk A #1

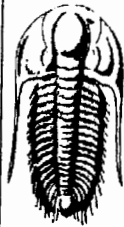
Start Date: 2006.05.19 @ 18:55:03

End Date: 2006.05.20 @ 05:06:33

Job Ticket #: 24837 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

**RECEIVED
KANSAS CORPORATION COMMISSION
SEP 06 2006
CONSERVATION DIVISION
WICHITA, KS**



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Woolsey Operating Co Inc

125 N Market Ste #1000
Wichita KS 67202

ATTN: Curtis Covey

Blunk A #1

7 34S 13W Barber Co

Job Ticket: 24837

DST#: 1

Test Start: 2006.05.19 @ 18:55:03

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:50:18

Time Test Ended: 05:06:33

Test Type: Conventional Bottom Hole

Tester: Gerald Adams

Unit No: 36

Interval: **4865.00 ft (KB) To 4940.00 ft (KB) (TVD)**

Total Depth: 4940.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1840.00 ft (KB)

1829.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6799

Inside

Press@RunDepth: 39.28 psig @ 4871.00 ft (KB)

Start Date: 2006.05.19

End Date: 2006.05.20

Capacity: 7000.00 psig

Last Calib.: 2006.05.20

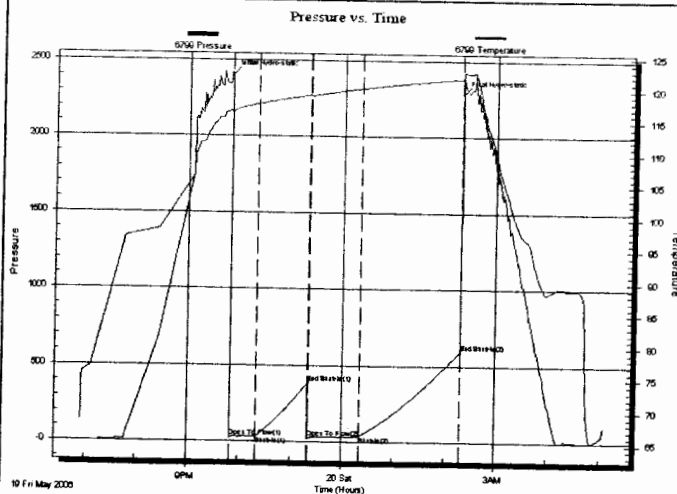
Start Time: 18:55:08

End Time: 05:06:33

Time On Btm: 2006.05.19 @ 21:49:18

Time Off Btm: 2006.05.20 @ 02:19:17

TEST COMMENT: IF Fair blow Built to 7 in
ISI No blow
FF Fair blow Built to 11 in
FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2405.07	116.77	Initial Hydro-static
1	26.01	116.24	Open To Flow (1)
31	34.57	117.78	Shut-In(1)
91	382.75	119.17	End Shut-In(1)
92	26.10	119.06	Open To Flow (2)
151	39.28	120.23	Shut-In(2)
270	593.90	121.83	End Shut-In(2)
270	2283.57	122.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	DM	0.36

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Co Inc

125 N Market Ste #1000
Wichita KS 67202

ATTN: Curtis Covey

Blunk A #1

7 34S 13W Barber Co

Job Ticket: 24837

DST#: 1

Test Start: 2006.05.19 @ 18:55:03

Tool Information

Drill Pipe:	Length: 4841.00 ft	Diameter: 3.80 inches	Volume: 67.91 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: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 68.06 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4865.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	103.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4842.00	
Hydraulic tool	5.00			4847.00	
Jars	5.00			4852.00	
Safety Joint	3.00			4855.00	
Packer	5.00			4860.00	28.00 Bottom Of Top Packer
Packer	5.00			4865.00	
Stubb	1.00			4866.00	
Perforations	4.00			4870.00	
Change Over Sub	1.00			4871.00	
Recorder	0.00	6799	Inside	4871.00	
Blank Spacing	31.00			4902.00	
Change Over Sub	1.00			4903.00	
Perforations	34.00			4937.00	
Recorder	0.00	13400	Outside	4937.00	
Bullnose	3.00			4940.00	75.00 Bottom Packers & Anchor

Total Tool Length: 103.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co Inc

Blunk A #1

125 N Market Ste #1000
Wichita KS 67202

7 34S 13W Barber Co

Job Ticket: 24837

DST#: 1

ATTN: Curtis Covey

Test Start: 2006.05.19 @ 18:55:03

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: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	DM	0.358

Total Length: 45.00 ft

Total Volume: 0.358 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

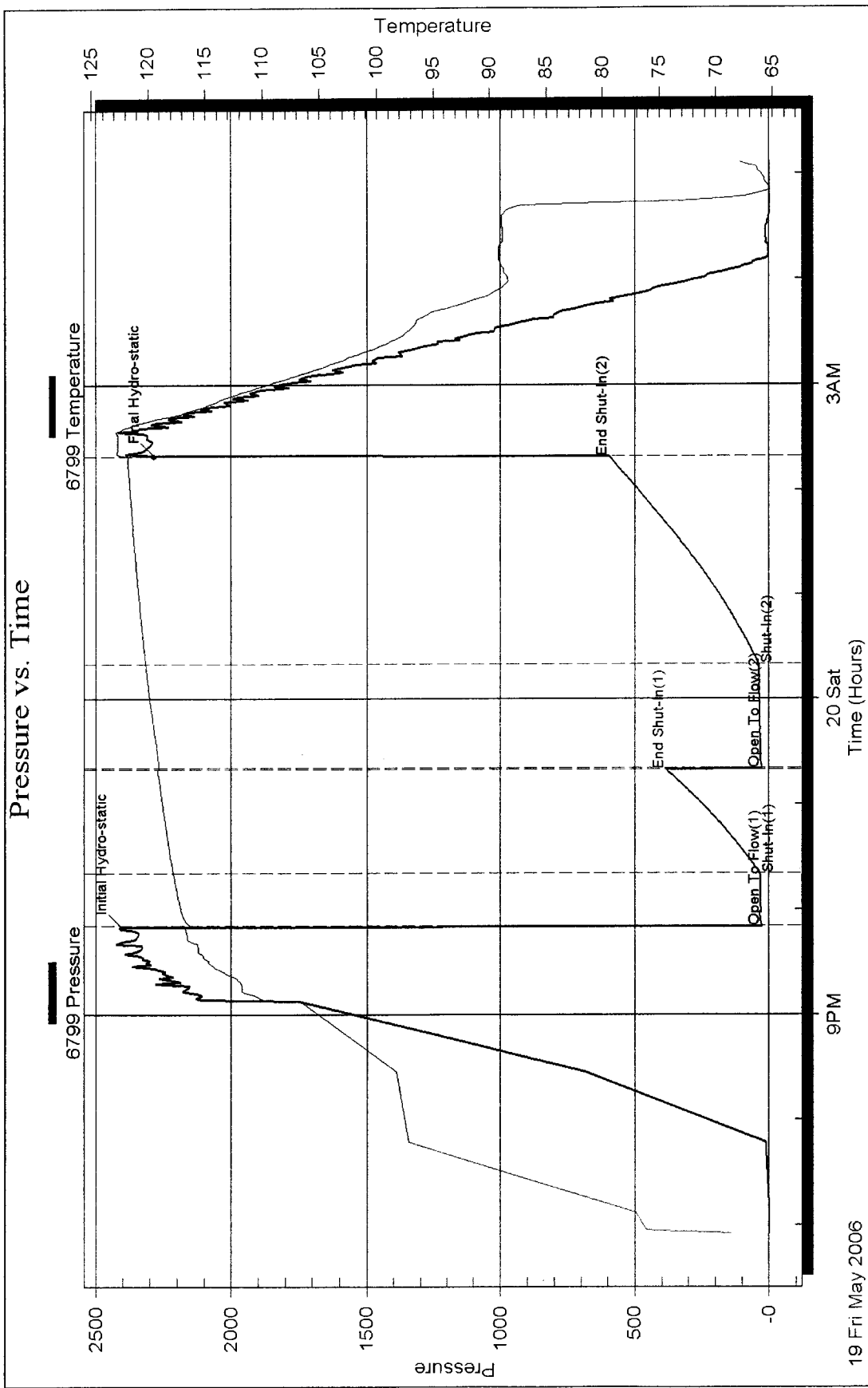
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co Inc**

125 N Market Ste #1000
Wichita KS 67202

ATTN: Curtis Covey

7 34S 13W Barber Co

Blunk A #1

Start Date: 2006.05.20 @ 17:50:22

End Date: 2006.05.21 @ 03:14:22

Job Ticket #: 24838 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



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DRILL STEM TEST REPORT

Woolsey Operating Co Inc

125 N Market Ste #1000
Wichita KS 67202

ATTN: Curtis Covey

Blunk A #1

7 34S 13W Barber Co

Job Ticket: 24838

DST#: 2

Test Start: 2006.05.20 @ 17:50:22

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:11:22

Time Test Ended: 03:14:22

Test Type: Conventional Bottom Hole

Tester: Gerald Adams

Unit No: 36

Interval: **4968.00 ft (KB) To 4998.00 ft (KB) (TVD)**

Total Depth: 4998.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1840.00 ft (KB)

1829.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6799

Inside

Press@RunDepth: 25.50 psig @ 4969.00 ft (KB)

Start Date: 2006.05.20

End Date:

2006.05.21

Start Time: 17:50:27

End Time:

03:14:22

Capacity: 7000.00 psig

Last Calib.: 2006.05.21

Time On Btm: 2006.05.20 @ 20:10:22

Time Off Btm: 2006.05.21 @ 00:42:21

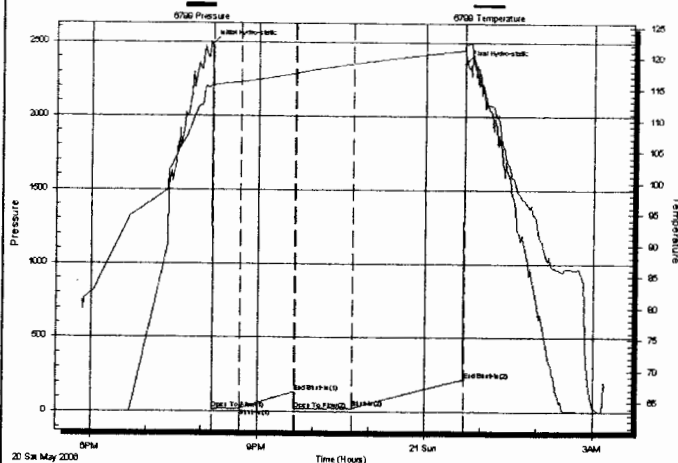
TEST COMMENT: IF Weak blow Built to 5 in

ISI No blow

FF Weak blow Built to 5 1/2 in

FSI No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2486.92	115.66	Initial Hydro-static
1	16.26	115.50	Open To Flow (1)
32	22.32	116.16	Shut-in (1)
89	134.59	117.53	End Shut-in (1)
90	13.80	117.55	Open To Flow (2)
151	25.50	119.10	Shut-in (2)
272	219.93	121.29	End Shut-in (2)
272	2352.42	122.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	SGCMw/Oil specs 2%G 98%M	0.10
0.00	100' GIP	0.00
0.00		0.00

Gas Rates

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

TOOL DIAGRAM

Woolsey Operating Co Inc

Blunk A #1

125 N Market Ste #1000
Wichita KS 67202

7 34S 13W Barber Co

Job Ticket: 24838

DST#: 2

ATTN: Curtis Covey

Test Start: 2006.05.20 @ 17:50:22

Tool Information

Drill Pipe: Length: 4936.00 ft Diameter: 3.80 inches Volume: 69.24 bbl
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
Drill Collar: Length: 30.00 ft Diameter: 2.25 inches Volume: 0.15 bbl
Total Volume: 69.39 bbl

Drill Pipe Above KB: 26.00 ft
Depth to Top Packer: 4968.00 ft
Depth to Bottom Packer: ft
Interval between Packers: 30.00 ft
Tool Length: 58.00 ft
Number of Packers: 2 Diameter: 6.75 inches

Tool Comments:

Tool Weight: 2100.00 lb
Weight set on Packer: 20000.00 lb
Weight to Pull Loose: 70000.00 lb
Tool Chased 0.00 ft
String Weight: Initial 58000.00 lb
Final 59000.00 lb

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4945.00	
Hydraulic tool	5.00			4950.00	
Jars	5.00			4955.00	
Safety Joint	3.00			4958.00	
Packer	5.00			4963.00	28.00 Bottom Of Top Packer
Packer	5.00			4968.00	
Stubb	1.00			4969.00	
Recorder	0.00	6799	Inside	4969.00	
Perforations	26.00			4995.00	
Recorder	0.00	13400	Outside	4995.00	
Bullnose	3.00			4998.00	30.00 Bottom Packers & Anchor

Total Tool Length: 58.00



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7 34S 13W Barber Co

Job Ticket: 24838

DST#: 2

ATTN: Curtis Covey

Test Start: 2006.05.20 @ 17:50:22

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: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	SGCMw/Oil specs 2%G 98%M	0.098
0.00	100' GIP	0.000
0.00		0.000

Total Length: 20.00 ft

Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

