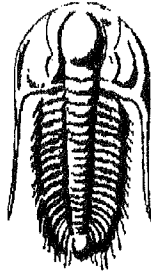


15-033-21535

28-33s-16w

IND

km
pm
12/19/08



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co., LLC**

125 N. Market, Ste. 1000
Wichita, KS 67202

ATTN: Vern Schrag

28 33 16 Comanche KS

Dorsey #1

Start Date: 2008.09.01 @ 12:12:42

End Date: 2008.09.01 @ 18:39:21

Job Ticket #: 31746

DST #: 1

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DEC 19 2008

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WICHITA KS

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

Woolsey Operating Co., LLC

Dorsey #1

28 33 16 Comanche KS

DST # 1

Miss.

2008.09.01



Woolsey Operating Co., LLC

ATTN: Vern Schrag

28 33 16 Comanche KS

Job Ticket: 31746

DST#: 1

Test Start: 2008.09.01 @ 12:12:42

Formation: Miss.

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 18:39:21

Test Type: Conventional Bottom Hole

Tester: Esak Hadley

Unit No: 23

Interval: 4984.00 ft (KB) To 5051.00 ft (KB) (TVD)

Total Depth: 5051.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1813.00 ft (KB)

1803.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8370 Inside

Press@RunDepth: psig @ 4985.00 ft (KB)

Start Date: 2008.09.01

End Date: 2008 09 01

Capacity: 7000.00 psig

Start Time: 12:12:42

End Time: 18:39:21

Last Calib.: 2008.09.01

Time On Btm:

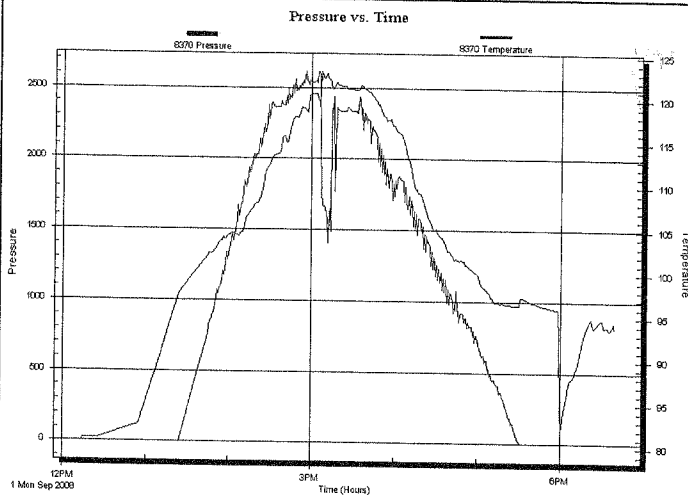
Time Off Btm:

TEST COMMENT: IF: Packer failure in initial open. Pulled DST #1.

151

FF:

FSI:



PRESSURE SUMMARY

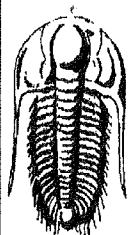
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

[illegible]

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., LLC

Dorsey #1

125 N. Market, Ste. 1000
Wichita, KS 67202

28 33 16 Comanche KS

Job Ticket: 31746

DST#: 1

ATTN: Vern Schrag

Test Start: 2008.09.01 @ 12:12:42

Tool Information

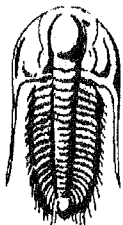
Drill Pipe:	Length: 4973.00 ft	Diameter: 3.80 inches	Volume: 69.76 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: lb
		Total Volume: 69.76 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4984.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	95.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4957.00	
Shut In Tool	5.00			4962.00	
Hydraulic tool	5.00			4967.00	
Jars	5.00			4972.00	
Safety Joint	3.00			4975.00	
Packer	4.00			4979.00	28.00 Bottom Of Top Packer
Packer	5.00			4984.00	
Stubb	1.00			4985.00	
Recorder	0.00	8370	Inside	4985.00	
Recorder	0.00	8289	Inside	4985.00	
Perforations	28.00			5013.00	
Change Over Sub	1.00			5014.00	
Blank Spacing	31.00			5045.00	
Change Over Sub	1.00			5046.00	
Bullnose	5.00			5051.00	67.00 Bottom Packers & Anchor

Total Tool Length: 95.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co., LLC

Dorsey #1

125 N. Market, Ste. 1000
Wichita, KS 67202

28 33 16 Comanche KS

Job Ticket: 31746

DST#: 1

ATTN: Vern Schrag

Test Start: 2008.09.01 @ 12:12:42

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 67.00 sec/qt

Water Loss: 8.78 in³

Resistivity: 0.00 ohm.m

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

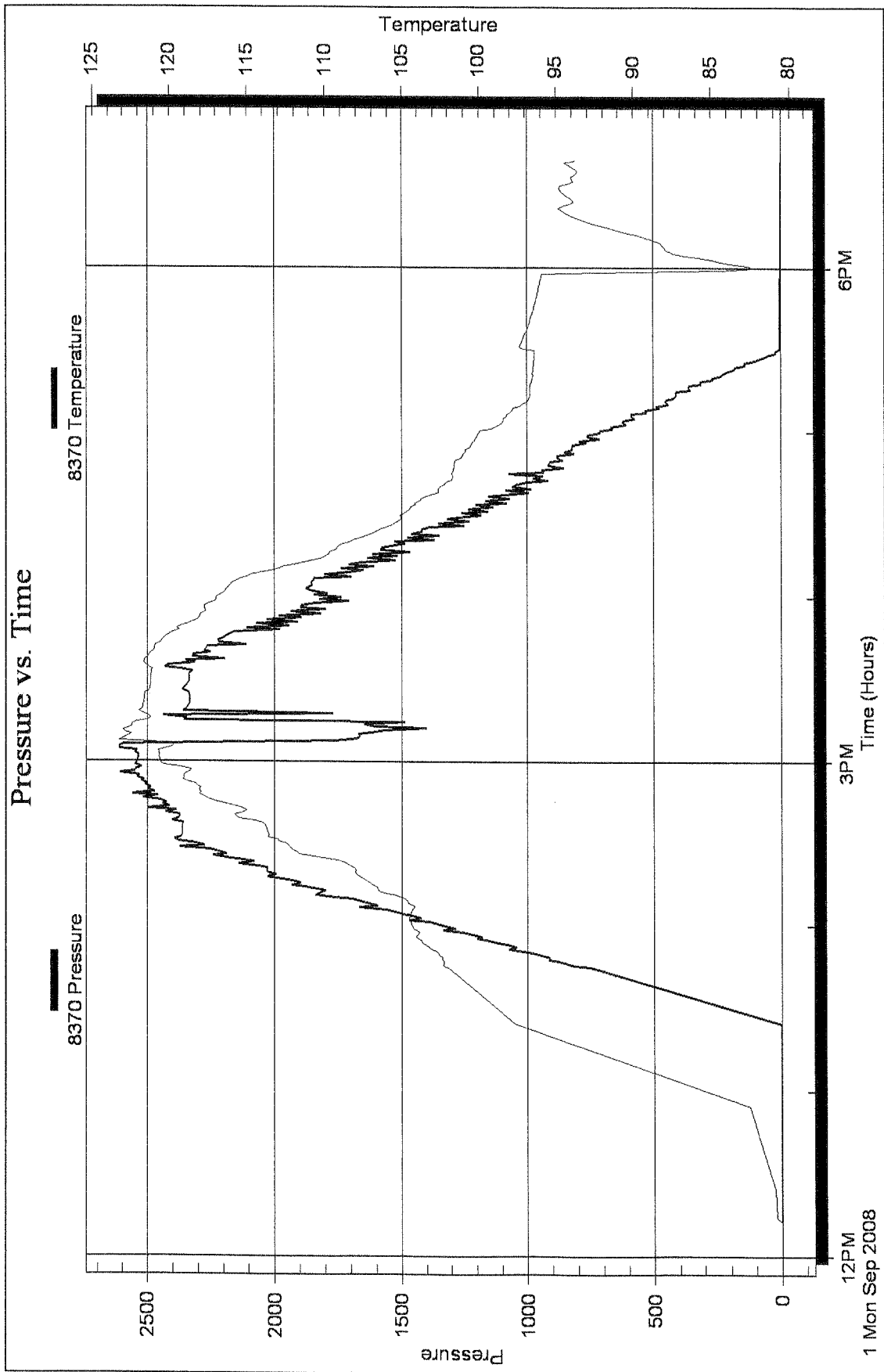
Serial #: 8370

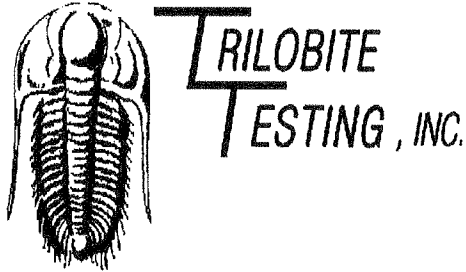
Inside

Woolsey Operating Co., LLC

28 33 16 Comanche KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co., LLC**

125 N. Market, Ste. 1000
Wichita, KS 67202

ATTN: Vern Schrag

28 33 16 Comanche KS

Dorsey #1

Start Date: 2008.09.01 @ 18:47:33

End Date: 2008.09.02 @ 05:39:03

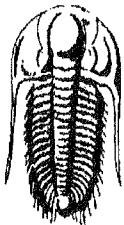
Job Ticket #: 31747 DST #: 2

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

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CONSERVATION DIVISION
WICHITA, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Woolsey Operating Co., LLC

125 N. Market, Ste. 1000
Wichita, KS 67202

ATTN: Vern Schrag

Dorsey #1

28 33 16 Comanche KS

Job Ticket: 31747

DST#: 2

Test Start: 2008.09.01 @ 18:47:33

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:48:33

Time Test Ended: 05:39:03

Test Type: Conventional Bottom Hole

Tester: Esak Hadley

Unit No: 23

Interval: **4951.00 ft (KB) To 5051.00 ft (KB) (TVD)**

Total Depth: 5051.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1813.00 ft (KB)

1803.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8370 Inside

Press@RunDepth: 81.46 psig @ 4952.00 ft (KB)

Start Date: 2008.09.01

End Date: 2008.09.02

Capacity: 7000.00 psig

Last Calib.: 2008.09.02

Start Time: 18:47:38

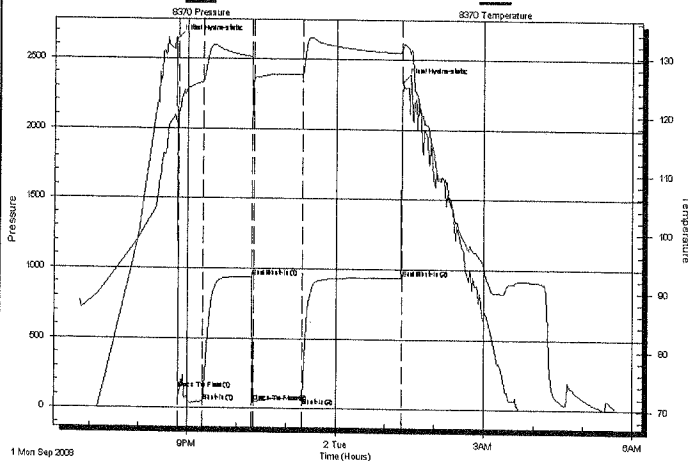
End Time: 05:39:03

Time On Btm: 2008.09.01 @ 20:46:33

Time Off Btm: 2008.09.02 @ 01:22:17

TEST COMMENT: IF Weak to fair blow BOB in 11 min
ISI No blow
FF Strong blow BOB in 2 sec. GTS in 20 min. (see gas flow rpt)
FSI Weak surface blow. No more than 1/4"

Pressure vs. Time



PRESSURE SUMMARY

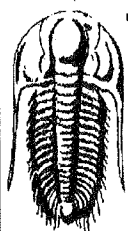
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2636.35	118.79	Initial Hydro-static
2	136.03	120.24	Open To Flow (1)
32	46.98	125.69	Shut-In(1)
92	940.75	130.06	End Shut-In(1)
94	45.29	125.84	Open To Flow (2)
153	81.46	127.09	Shut-In(2)
274	939.66	130.79	End Shut-In(2)
276	2338.61	131.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
105.00	GCM 5%g 95%rm	1.47

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	22.00	57.75
Last Gas Rate	0.25	23.00	59.33
Max. Gas Rate	0.25	23.00	59.33



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Co., LLC

Dorsey #1

125 N. Market, Ste. 1000
Wichita, KS 67202

28 33 16 Comanche KS

Job Ticket: 31747

DST#: 2

ATTN: Vern Schrag

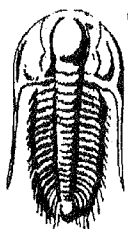
Test Start: 2008.09.01 @ 18:47:33

Tool Information

Drill Pipe:	Length: 4940.00 ft	Diameter: 3.80 inches	Volume: 69.30 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume: 69.30 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4951.00 ft			Final 77000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	100.00 ft			
Tool Length:	128.00 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			4924.00	
Shut In Tool	5.00			4929.00	
Hydraulic tool	5.00			4934.00	
Jars	5.00			4939.00	
Safety Joint	3.00			4942.00	
Packer	4.00			4946.00	28.00 Bottom Of Top Packer
Packer	5.00			4951.00	
Stubb	1.00			4952.00	
Recorder	0.00	8370	Inside	4952.00	
Recorder	0.00	8289	Inside	4952.00	
Perforations	29.00			4981.00	
Change Over Sub	1.00			4982.00	
Blank Spacing	63.00			5045.00	
Change Over Sub	1.00			5046.00	
Bullnose	5.00			5051.00	100.00 Bottom Packers & Anchor

Total Tool Length: 128.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co., LLC

Dorsey #1

125 N. Market, Ste. 1000
Wichita, KS 67202

28 33 16 Comanche KS

Job Ticket: 31747

DST#: 2

ATTN: Vern Schrag

Test Start: 2008.09.01 @ 18:47:33

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: 67.00 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: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
105.00	GCM 5%g 95%m	1.473

Total Length: 105.00 ft

Total Volume: 1.473 bbl

Num Fluid Samples: 0

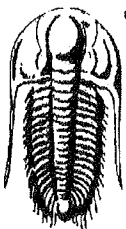
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Woolsey Operating Co., LLC

Dorsey #1

125 N. Market, Ste. 1000
Wichita, KS 67202

28 33 16 Comanche KS

ATTN: Vern Schrag

Job Ticket: 31747

DST#: 2

Test Start: 2008.09.01 @ 18:47:33

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
2	25	0.25	22.00	57.75
2	25	0.25	22.00	57.75
2	25	0.25	22.00	57.75
2	30	0.25	22.00	57.75
2	40	0.25	23.00	59.33

Serial #: 8370

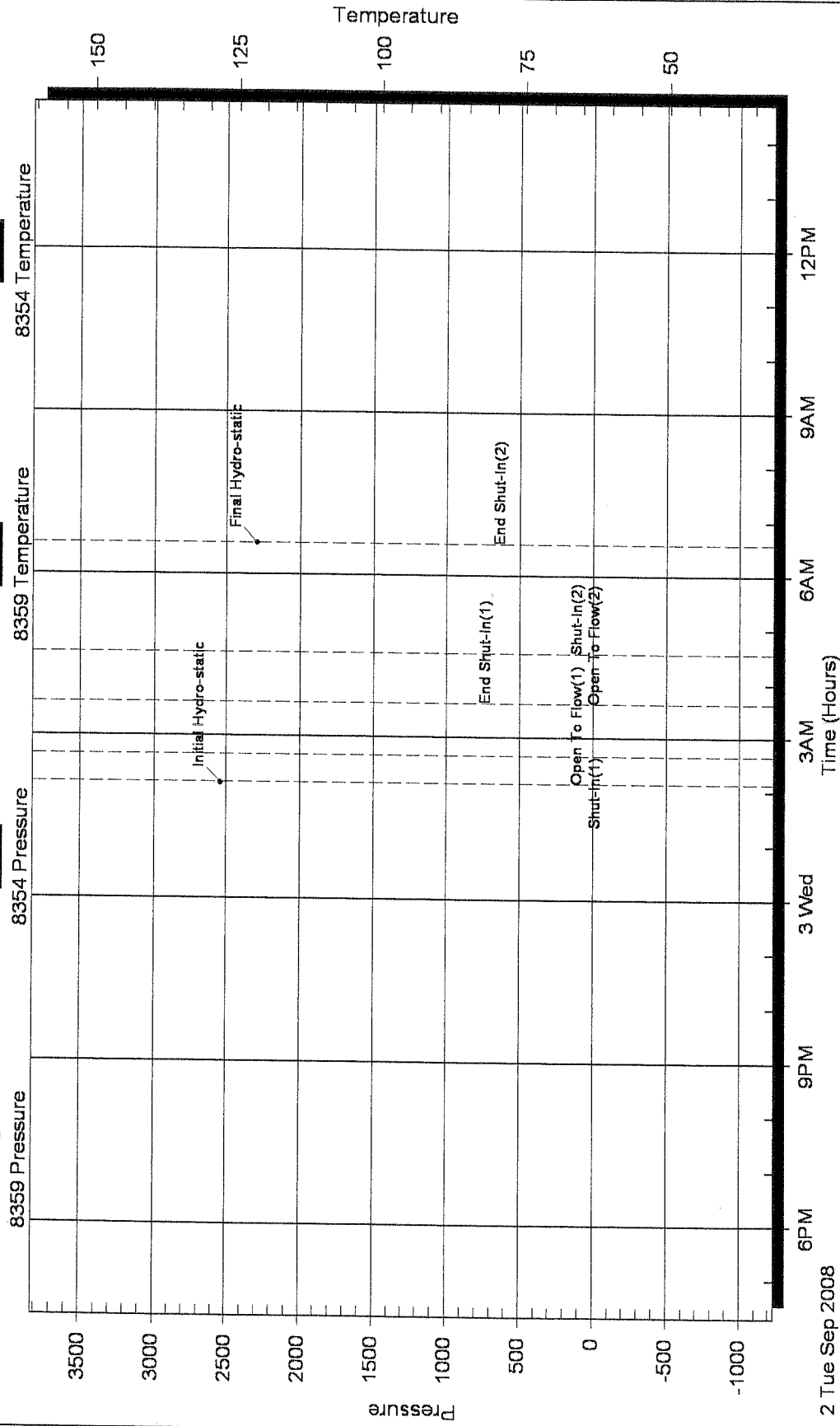
Inside

Woolsey Operating Co., LLC

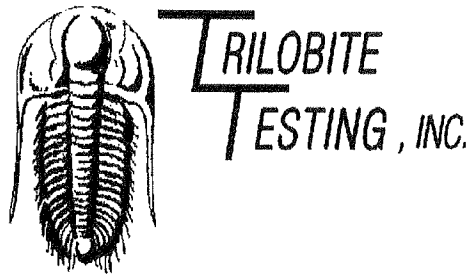
28 33 16 Comanche KS

DST Test Number: 2

Pressure vs. Time



Gauge 8359: Displaying every 6 points.



DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co., LLC**

125 N. Market, Ste. 1000
Wichita, KS 67202

ATTN: Vern Schrag

28 33 16 Comanche KS

Dorsey #1

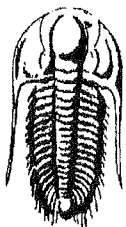
Start Date: 2008.09.02 @ 21:45:49

End Date: 2008.09.03 @ 09:15:49

Job Ticket #: 25801 DST #: 3

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

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WICHITA, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Woolsey Operating Co., LLC

125 N. Market, Ste. 1000
Wichita, KS 67202

ATTN: Vern Schrag

Dorsey #1

28 33 16 Comanche KS

Job Ticket: 25801

DST#: 3

Test Start: 2008.09.02 @ 21:45:49

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:08:19

Time Test Ended: 09:15:49

Interval: **5053.00 ft (KB) To 5162.00 ft (KB) (TVD)**

Total Depth: 5162.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Reference Elevations: 1813.00 ft (KB)

1803.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8359

Inside

Press@RunDepth: 54.03 psig @ 5053.00 ft (KB)

Start Date: 2008.09.02

End Date:

2008.09.03

Start Time: 21:45:54

End Time:

09:15:49

Capacity: 7000.00 psig

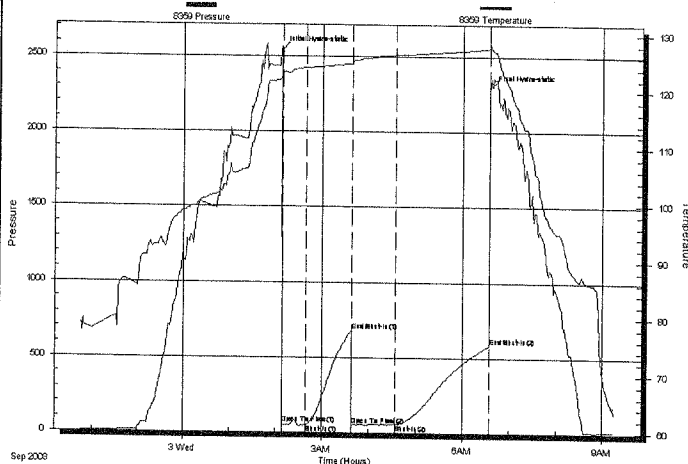
Last Calib.: 2008.09.03

Time On Btm: 2008.09.03 @ 02:07:48

Time Off Btm: 2008.09.03 @ 06:34:34

TEST COMMENT: IF Weak blow Building to 3" in 30 mins
ISI Bled off No blow back
FF Weak blow Building to 1/2" in 60 mins
FSI Bled off No blow back

Pressure vs. Time



PRESSURE SUMMARY

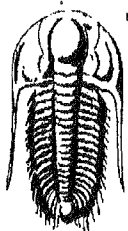
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2542.66	122.63	Initial Hydro-static
1	55.43	123.04	Open To Flow (1)
32	47.65	124.11	Shut-In (1)
90	679.36	124.89	End Shut-In (1)
91	49.66	125.01	Open To Flow (2)
146	54.03	126.47	Shut-In (2)
267	580.30	127.61	End Shut-In (2)
267	2292.93	128.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud 100% m	0.84

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
----------------	-----------------	------------------



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Co., LLC

Dorsey #1

125 N. Market, Ste. 1000
Wichita, KS 67202

28 33 16 Comanche KS

Job Ticket: 25801

DST#: 3

ATTN: Vern Schrag

Test Start: 2008.09.02 @ 21:45:49

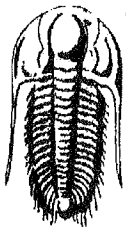
Tool Information

Drill Pipe:	Length: 5040.00 ft	Diameter: 3.80 inches	Volume: 70.70 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 120000.0 lb
		Total Volume: 70.70 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 73000.00 lb
Depth to Top Packer:	5053.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	109.00 ft			
Tool Length:	137.00 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			5030.00	
Hydraulic tool	5.00			5035.00	
Jars	5.00			5040.00	
Safety Joint	3.00			5043.00	
Packer	5.00			5048.00	28.00 Bottom Of Top Packer
Packer	5.00			5053.00	
Recorder	0.00	8359	Inside	5053.00	
Recorder	0.00	8354	Inside	5053.00	
Perforations	6.00			5059.00	
Change Over Sub	1.00			5060.00	
Drill Pipe	95.00			5155.00	
Change Over Sub	1.00			5156.00	
Perforations	3.00			5159.00	
Bullnose	3.00			5162.00	109.00 Bottom Packers & Anchor

Total Tool Length: 137.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co., LLC

Dorsey #1

125 N. Market, Ste. 1000
Wichita, KS 67202

28 33 16 Comanche KS

Job Ticket: 25801

DST#: 3

ATTN: Vern Schrag

Test Start: 2008.09.02 @ 21:45:49

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 9.58 in³

Resistivity: ohm.m

Salinity: 8500.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Mud 100% _m	0.842

Total Length: 60.00 ft

Total Volume: 0.842 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

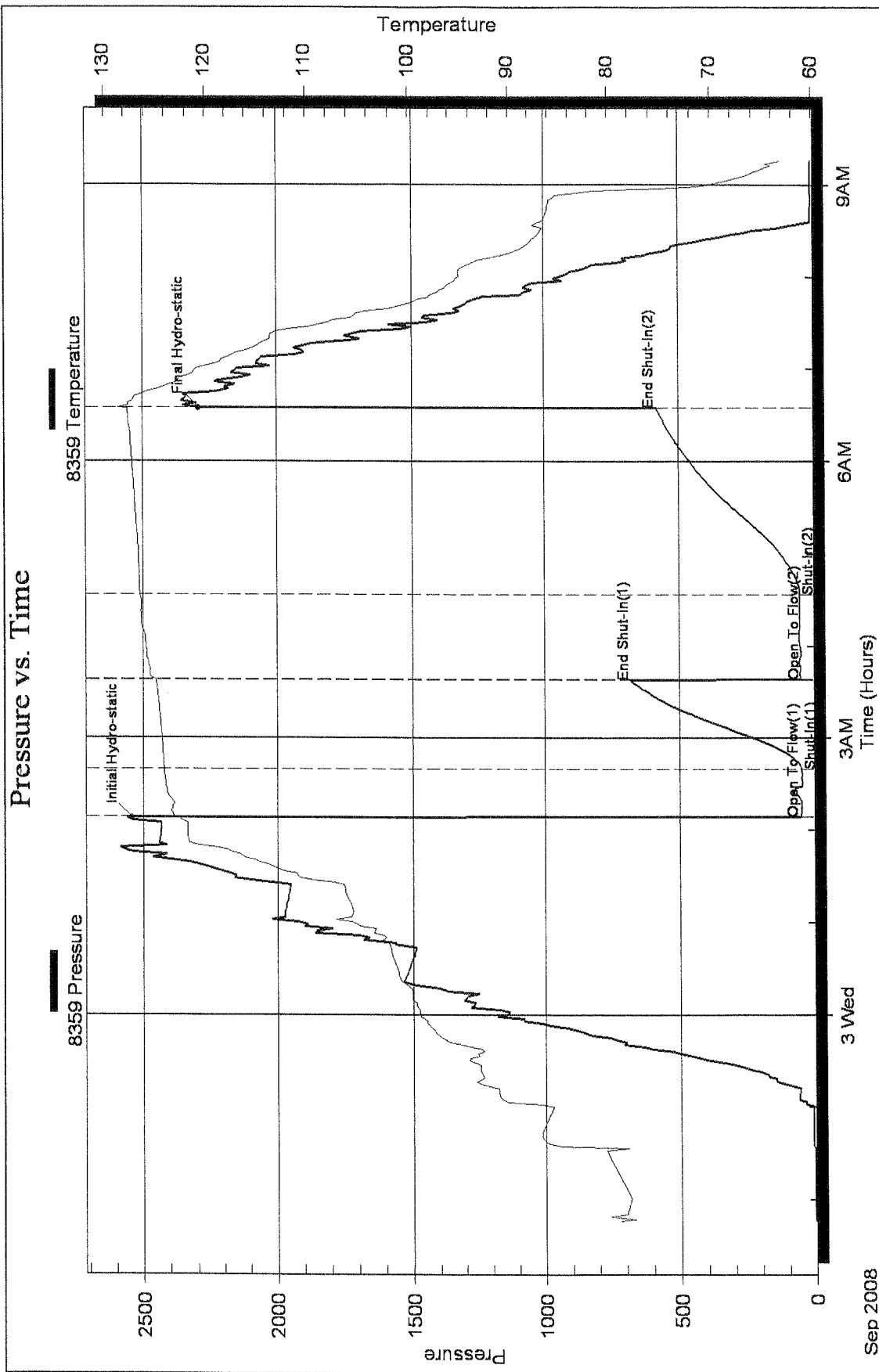
Serial #:

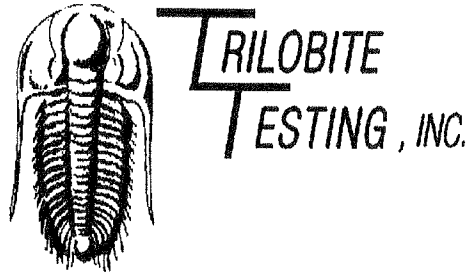
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co., LLC**

125 N. Market, Ste. 1000
Wichita, KS 67202

ATTN: Vern Schrag

28 33 16 Comanche KS

Dorsey #1

Start Date: 2008.09.04 @ 08:02:37

End Date: 2008.09.04 @ 18:36:52

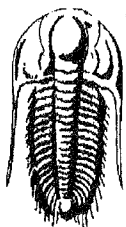
Job Ticket #: 25802 DST #: 4

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WICHITA, KS

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Woolsey Operating Co., LLC

125 N. Market, Ste. 1000
Wichita, KS 67202

ATTN: Vern Schrag

Dorsey #1

28 33 16 Comanche KS

Job Ticket: 25802

DST#: 4

Test Start: 2008.09.04 @ 08:02:37

GENERAL INFORMATION:

Formation: **Cowley**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:21:37

Time Test Ended: 18:36:52

Interval: **5164.00 ft (KB) To 5305.00 ft (KB) (TVD)**

Total Depth: 5305.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Reference Elevations: 1813.00 ft (KB)

1803.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8359 Inside

Press@RunDepth: 137.83 psig @ 5164.00 ft (KB)

Start Date: 2008.09.04

End Date:

2008.09.04

Start Time: 08:02:42

End Time:

18:36:52

Capacity: 7000.00 psig

Last Calib.: 2008.09.04

Time On Btm: 2008.09.04 @ 10:19:22

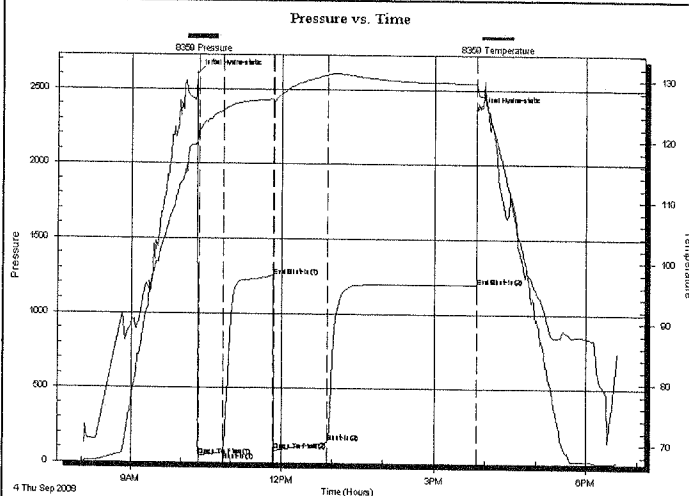
Time Off Btm: 2008.09.04 @ 15:49:51

TEST COMMENT: IF Strong blow BOB in 1 1/2 mins

ISI Bled off No blow back

FF Strong blow BOB in 30 mins

FSI Bled off No blow back



PRESSURE SUMMARY

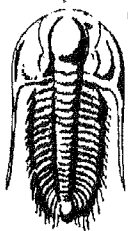
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2602.91	119.08	Initial Hydro-static
3	44.94	121.53	Open To Flow (1)
31	68.84	124.92	Shut-In(1)
90	1251.48	126.82	End Shut-In(1)
92	81.05	126.49	Open To Flow (2)
156	137.83	130.91	Shut-In(2)
330	1193.18	129.62	End Shut-In(2)
331	2364.79	129.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	M. W. 80%w 2% _m	0.87
62.00	M. W. 70%w 30% _m	0.87
62.00	W.>. 5%w 95% _m	0.87
62.00	Mud 100% _m	0.87

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., LLC

Dorsey #1

125 N. Market, Ste. 1000
Wichita, KS 67202

28 33 16 Comanche KS

Job Ticket: 25802

DST#: 4

ATTN: Vern Schrag

Test Start: 2008.09.04 @ 08:02:37

Tool Information

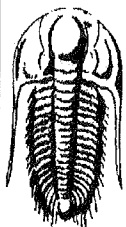
Drill Pipe:	Length: 5164.00 ft	Diameter: 3.80 inches	Volume: 72.44 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 110000.0 lb
		Total Volume: 72.44 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	5164.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	141.00 ft			
Tool Length:	169.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5141.00	
Hydraulic tool	5.00			5146.00	
Jars	5.00			5151.00	
Safety Joint	3.00			5154.00	
Packer	5.00			5159.00	28.00 Bottom Of Top Packer
Packer	5.00			5164.00	
Recorder	0.00	8359	Inside	5164.00	
Recorder	0.00	8354	Inside	5164.00	
Perforations	6.00			5170.00	
Change Over Sub	1.00			5171.00	
Drill Pipe	127.00			5298.00	
Change Over Sub	1.00			5299.00	
Perforations	3.00			5302.00	
Bullnose	3.00			5305.00	141.00 Bottom Packers & Anchor

Total Tool Length: 169.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co., LLC

Dorsey #1

125 N. Market, Ste. 1000
Wichita, KS 67202

28 33 16 Comanche KS

Job Ticket: 25802

DST#: 4

ATTN: Vern Schrag

Test Start: 2008.09.04 @ 08:02:37

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 80.00 sec/qt

Water Loss: 15.96 in³

Resistivity: 0.09 ohm.m

Salinity: 10500.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

deg API

Water Salinity: 75000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	M. W. 80%w 2%m	0.870
62.00	M. W. 70%w 30%m	0.870
62.00	W.>. 5%w 95%m	0.870
62.00	Mud 100%m	0.870

Total Length: 248.00 ft

Total Volume: 3.480 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .09@80F

