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DRILL STEM TEST REPORT

Prepared For: FIML Natural Resources LLC

410 17th St.
Suite 900
Denver, CO. 80202

ATTN: Jim Musgrove/ Gary Doherty

35-18s-32w-Scott,KS

Three Sisters 1c-35-1832

Start Date: 2010.10.08 @ 11:22:16
End Date: 2010.10.08 @ 19:04:16
Job Ticket #: 39017
DST #: 1

ORIGINAL

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

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DRILL STEM TEST REPORT



FML Natural Resources LLC

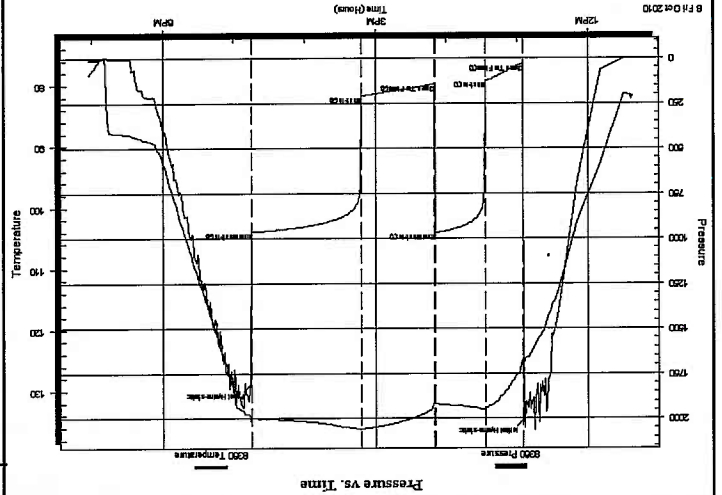
Three Sisters 1c-35-1832
35-18s-32w-Scott, KS
Job Ticket: 39017
DST#: 1

ATTN: Jim Musgrove/ Gary Doo0
Suite 900
410 17th St.
Denver, CO. 80202
Test Start: 2010.10.08 @ 11:22:16

GENERAL INFORMATION:

Formation: Lansing "D"
Deviated: No Whipstock:
Time Tool Opened: 12:54:46
Time Test Ended: 19:04:16
Interval: 4026.00 ft (KB) To 4046.00 ft (KB) (TVD)
Total Depth: 4090.00 ft (KB) (TVD)
Hole Diameter: 7.88 inchesHole Condition: Good
KB to GR/CF: 10.00 ft
Reference Elevations: 2978.00 ft (KB)
2968.00 ft (CF)
Test Type: Conventional Straddle
Tester: Jason McLemore
Unit No: 54

Serial #: 8360
Inside
Press@RunDepth: 211.04 psig @ 4042.00 ft (KB)
Start Date: 2010.10.08
End Date: 2010.10.08
Start Time: 11:22:18
End Time: 19:04:16
Capacity: 8000.00 psig
Last Callb.: 2010.10.08
Time On Btm: 2010.10.08 @ 12:54:31
Time Off Btm: 2010.10.08 @ 16:45:46
TEST COMMENT: IFF-Fair Blow, Built to 10"
IS-Dead
FFP-Fair Blow, Built to 10-1/2"
FS-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2005.03	125.48	Initial Hydro-static
1	33.79	124.64	Open To Flow (1)
33	123.28	132.70	Shut-In(1)
75	968.51	132.10	End Shut-In(1)
76	145.87	131.81	Open To Flow (2)
138	211.04	136.18	Shut-In(2)
231	964.04	134.46	End Shut-In(2)
232	1813.40	134.53	Final Hydro-static

Gas Rates

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

Length (ft)	Description	Volume (bbl)
420.00	MMW W/Oil Scum on the Top	3.71

Ref. No: 39017

Trilobite Testing, Inc

DRILL STEM TEST REPORT



FML Natural Resources LLC

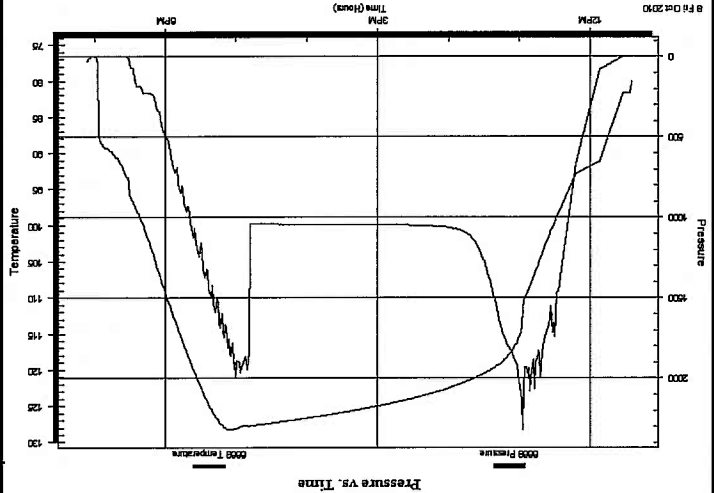
Three Sisters 1c-35-1832
35-18s-32w-Scott, KS
Job Ticket: 39017
DST#: 1
Test Start: 2010.10.08 @ 11:22:16

410 17th St.
Suite 900
Denver, CO. 80202
ATTN: Jim Musgrove/ Gary Do00

GENERAL INFORMATION:

Formation: Lansing "D"
Deviated: No
Whipstock: ft (KB)
Time Tool Opened: 12:54:46
Time Test Ended: 19:04:16
Interval: 4026.00 ft (KB) To 4046.00 ft (KB) (TVD)
Total Depth: 4090.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches
Hole Condition: Good
KB to GR/CF: 10.00 ft
Reference Elevations: 2978.00 ft (KB)
2968.00 ft (CF)
10.00 ft

Serial #: 6668
Press@RunDepth: psig @ 4052.00 ft (KB)
Start Date: 2010.10.08
End Date: 2010.10.08
Start Time: 11:24:55
End Time: 19:07:08
Capacity: 8000.00 psig
Last Calib.:
Time On Blm:
Time Off Blm:
TEST COMMENT: FFP-Fair Blow, Built to 10"
ISL-Dead
FFP-Fair Blow, Built to 10-1/2"
FSL-Dead



PRESSURE SUMMARY

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

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)
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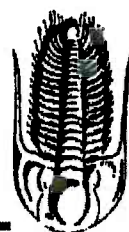
Recovery

Length (ft)	Description	Volume (bbl)
420.00	MMW/Oil Scum on the Top	3.71

Trilobite Testing, Inc

Ref. No.: 39017

Printed: 2010.10.21 @ 13:26:48 Page 3



TRIBOLITE
TESTING, INC

FML Natural Resources LLC

Three Sisters 1c-35-1832

35-18s-32w-Scott,KS

Job Ticket: 39017 DST#:1

Test Start: 2010.10.08 @ 11:22:16

410 17th St.
Suite 900
Denver, CO. 80202
ATTN: Jim Musgrove/ Gary Do00

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tool Information

Drill Pipe:	Length: 3767.00 ft	Diameter: 3.80 inches	Volume: 52.84 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 80000.00 lb
Drill Pipe Above KB:	9.00 ft		Total Volume: 54.02 bbl	Tool Chased 0.00 ft
Depth to Top Packer:	4026.00 ft			String Weight: Initial 70000.00 lb
Depth to Bottom Packer:	4046.00 ft			Final 71000.00 lb
Interval between Packers:	20.00 ft			
Tool Length:	90.00 ft			
Number of Packers:	4	Diameter: 6.75 inches		
Tool Comments:	Very Bottom Packer is a Shale Packer			

Tool Description Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00	3999.00			
Shut In Tool	5.00	4004.00			
Hydraulic tool	5.00	4009.00			
Jars	5.00	4014.00			
Safety Joint	2.00	4016.00			
Packer	5.00	4021.00			Bottom Of Top Packer
Packer	5.00	4026.00			
Stub	1.00	4027.00			
Perforations	15.00	4042.00			
Recorder	0.00	4042.00	Inside	8360	
Recorder	0.00	4042.00	Outside	6755	
Blank Off Sub	1.00	4043.00			
Blank Spacing	3.00	4046.00			
Packer	1.00	4047.00			Tool Interval
Packer	5.00	4052.00			
Recorder	0.00	4052.00	Below	6668	
Change Over Sub	1.00	4053.00			
Blank Spacing	31.00	4084.00			
Change Over Sub	1.00	4085.00			
Bullnose	3.00	4088.00			
Total Tool Length:					90.00
Bottom Packers & Anchor					42.00

FLUID SUMMARY

DRILL STEM TEST REPORT



FML Natural Resources LLC

Three Sisters 1c-35-1832

35-18s-32w-Scott,KS

Job Ticket: 39017 DST#: 1

Test Start: 2010.10.08 @ 11:22:16

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 52.00 sec/qt
 Water Loss: 7.16 in³
 Resistivity: ohm.m
 Salinity: 1500.00 ppm
 Filter Cake: inches

Cushion Type:
 Cushion Length: ft
 Cushion Volume: bbl
 Gas Cushion Type:
 Gas Cushion Pressure: psig

Oil API: deg API
 Water Salinity: 23000 ppm

Recovery Information

Recovery Table		
Length ft	Description	Volume bbl
420.00	MMW/Oil Scum on the Top	3.705
Total Length: 420.00 ft		
Total Volume: 3.705 bbl		
Num Gas Bombs: 0		
Serial #:		
Laboratory Name:		
Recovery Comments:		

Serial #: 8360

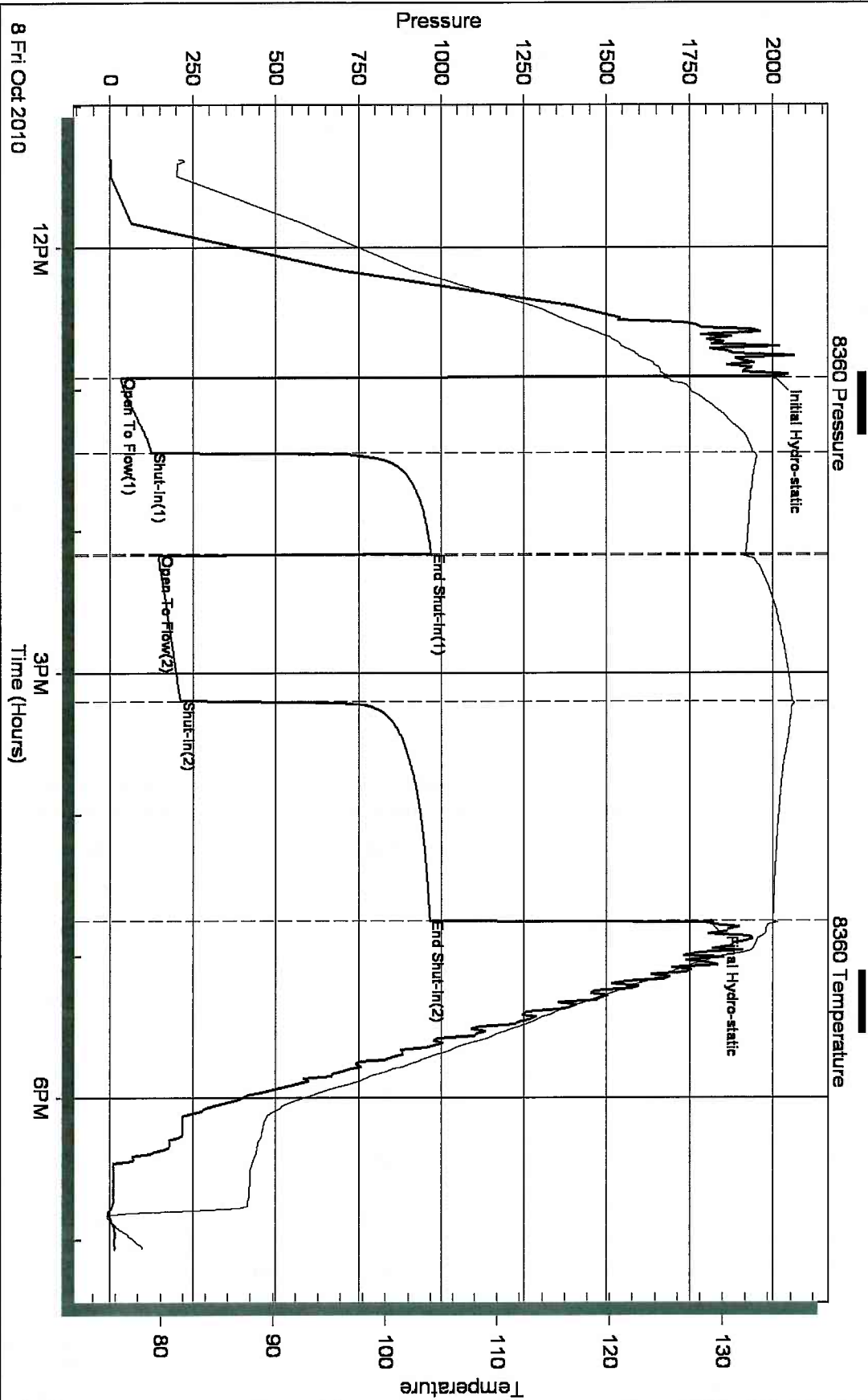
Inside

FIML Natural Resources LLC

35-18s-32w-Scott, KS

DST Test Number: 1

Pressure vs. Time

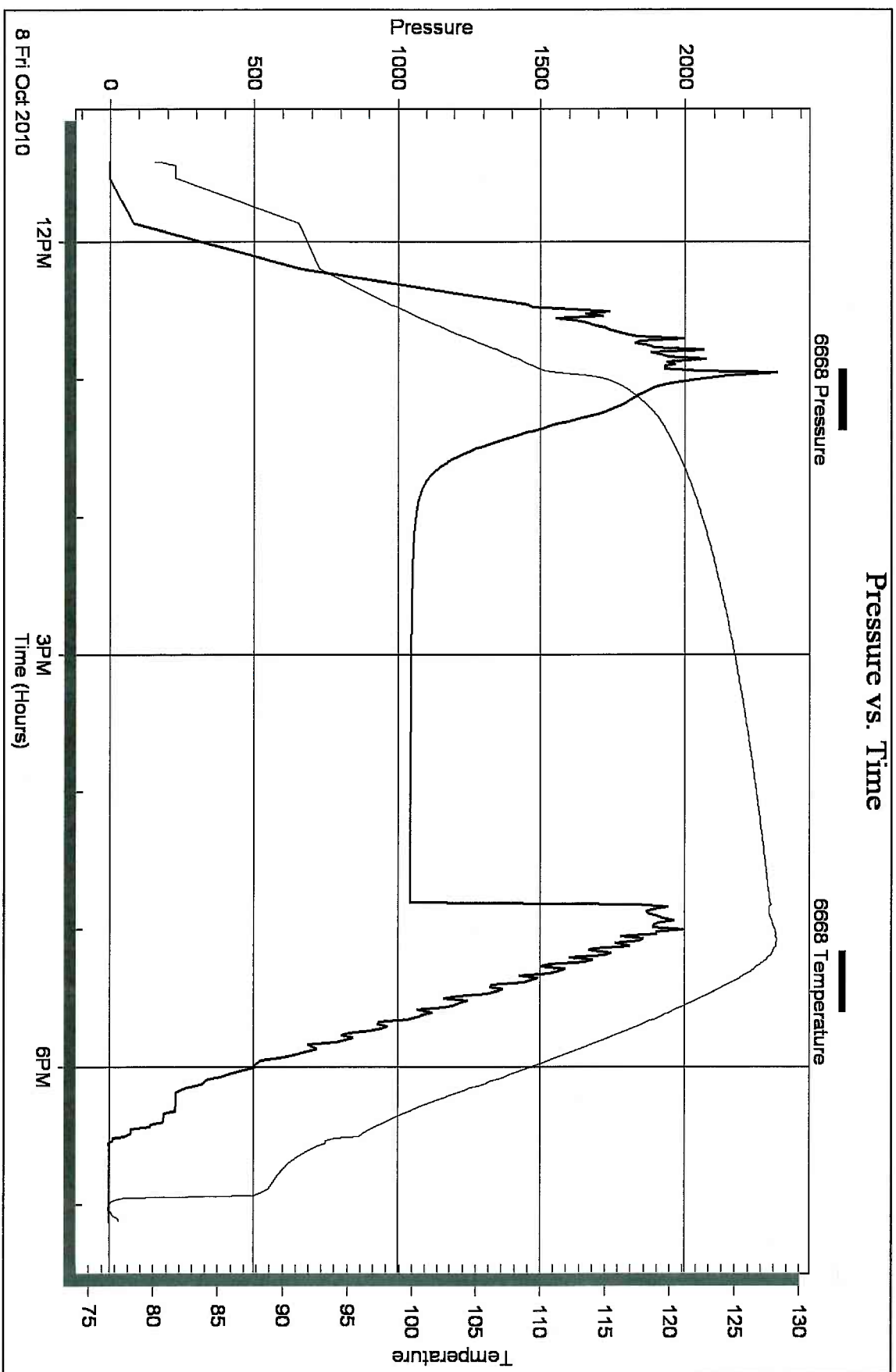


Serial #: 6668

Below (Straddle) Natural Resources LLC

35-18s-32w-Scott, KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: FIML Natural Resources LLC

410 17th St.
Suite 900
Denver, CO. 80202

ATTN: Jim Musgrove/ Gary Do832

35-18s-32w-Scott,KS

Three Sisters 1c-35-1832

Start Date: 2010.10.09 @ 09:58:22
End Date: 2010.10.09 @ 17:34:37
Job Ticket #: 39018
DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT



FML Natural Resources LLC

Three Sisters 1c-35-1832

35-18s-32w-Scott,KS

Job Ticket: 39018 DST#: 2

Test Start: 2010.10.09 @ 09:58:22

ATTN: Jim Musgrove/ Gary Do00

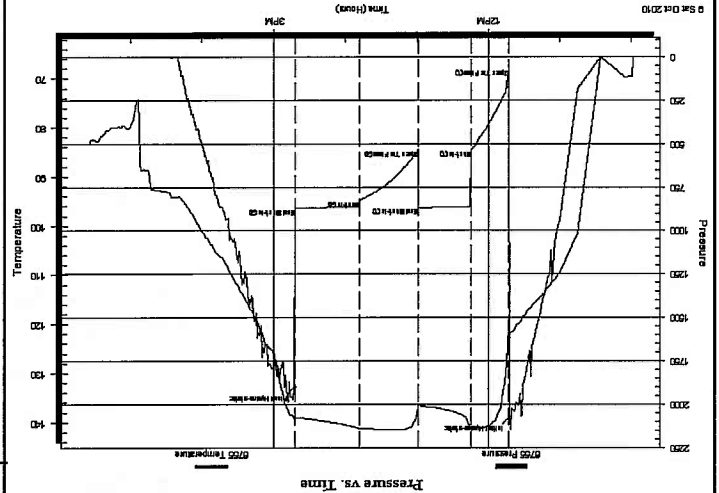
410 17th St.
Suite 900
Denver, CO. 80202

GENERAL INFORMATION:

Formation: LKC-"H-I"
Deviated: No Whipstock:
Time Tool Opened: 11:42:52
Time Test Ended: 17:34:37
Interval: 4174.00 ft (KB) To 4210.00 ft (KB) (TVD)
Total Depth: 4210.00 ft (KB) (TVD)
Hole Diameter: 7.88 inchesHole Condition: Good
KB to GR/CF: 10.00 ft
Reference Elevations: 2978.00 ft (KB)
2968.00 ft (CF)
10.00 ft

Serial #: 6755
Inside
Press@RunDepth: 822.47 psig @ 4177.00 ft (KB)
Start Date: 2010.10.09
End Date: 2010.10.09
Start Time: 09:58:24
End Time: 17:34:37
Capacity: 8000.00 psig
Last Callb.: 2010.10.09
Time On Btm: 2010.10.09 @ 11:42:22
Time Off Btm: 2010.10.09 @ 14:42:37

TEST COMMENT: IFP-Strong,BOB in 2-1/2Min.
IS-Dead
FFP-Strong,BOB in 4 Min.
FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2071.22	121.99	Initial Hydro-static
1	65.97	120.95	Open To Flow (1)
33	537.56	141.15	Shut-In(1)
76	865.89	136.54	End Shut-In(1)
77	533.05	136.40	Open To Flow (2)
126	822.47	141.18	Shut-In(2)
180	867.29	139.01	End Shut-In(2)
181	1899.99	139.34	Final Hydro-static

Gas Rates

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

Recovery

Length (ft)	Description	Volume (bbl)
1500.00	Muddy Water-90%W-10%M	18.85

Ref. No: 39018

Trilobite Testing, Inc

TOOL DIAGRAM

DRILL STEM TEST REPORT



FML Natural Resources LLC

Three Sisters 1c-35-1832

35-18s-32w-Scott,KS

Job Ticket: 39018 DST#: 2

Test Start: 2010.10.09 @ 09:58:22

410 17th St.
Suite 900
Denver, CO. 80202

ATTN: Jim Musgrove/ Gary Do00

Tool Information

Drill Pipe:	Length:	3927.00 ft	Diameter:	3.80 inches	Volume:	55.09 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	240.00 ft	Diameter:	2.25 inches	Volume:	1.18 bbl	Weight to Pull Loose:	80000.00 lb
Drill Pipe Above KB:	Total Volume: 56.27 bbl							
Depth to Top Packer:	4174.00 ft		Tool Chased					
Depth to Bottom Packer:	ft		String Weight: Initial 72000.00 lb					
Interval between Packers:	36.00 ft		Final 76000.00 lb					
Tool Length:	59.00 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	4152.00		
Shut In Tool	5.00	4157.00		
Hydraulic tool	5.00	4162.00		
Safety Joint	2.00	4164.00		
Packer	5.00	4169.00		
Packer	5.00	4174.00		
Stub	1.00	4175.00		
Perforations	2.00	4177.00		
Recorder	0.00	4177.00	Inside	
Recorder	0.00	4177.00	Outside	
Perforations	0.00	4177.00		
Perforations	30.00	4207.00		
Bullnose	3.00	4210.00		
Total Tool Length:		59.00		
Packer	5.00	4174.00		
Bottom Of Top Packer	23.00	4169.00		
Bottom Packers & Anchor	36.00	4210.00		



TRILOBITE
TESTING, INC.

FML Natural Resources LLC

Three Sisters 1c-35-1832

35-18s-32w-Scott,KS

Job Ticket: 39018 DST#: 2

Test Start: 2010.10.09 @ 09:58:22

ATTN: Jim Musgrove/ Gary Do00

410 17th St.
Suite 900
Denver, CO. 80202

DRILL STEM TEST REPORT

FLUID SUMMARY

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 52.00 sec/qt
Water Loss: 8.75 in³
Resistivity: ohm.m
Salinity: 2100.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type: psig
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 32000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1500.00	Muddy Water-90%W-10%M	18.855

Total Length: 1500.00 ft
Total Volume: 18.855 bbl

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

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6755

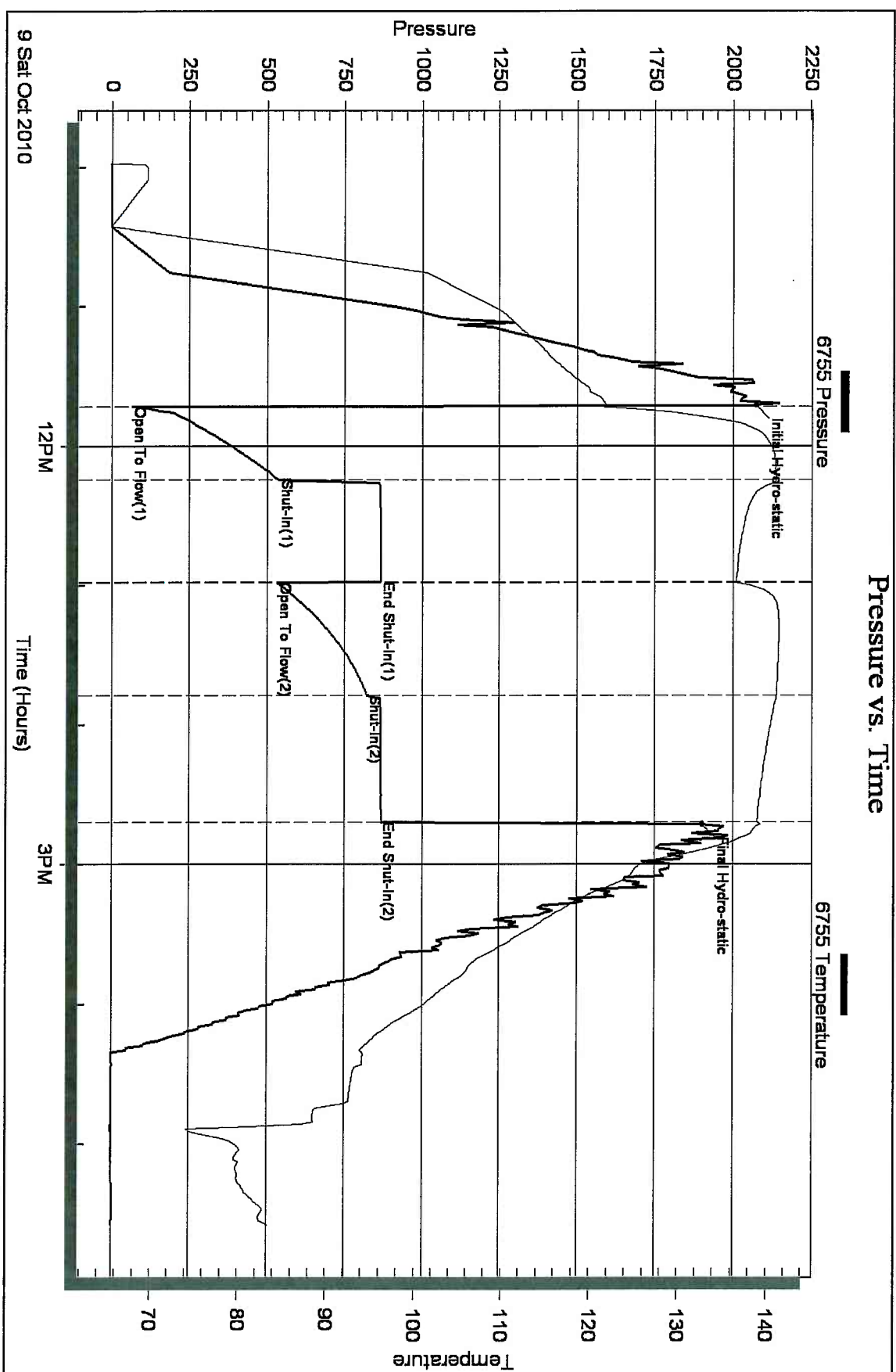
Inside

FIML Natural Resources LLC

35-18s-32w-Scott,KS

DST Test Number: 2

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: FIML Natural Resources LLC

410 17th St.
Suite 900
Denver, CO. 80202

ATTN: Jim Musgrove/ Gary Dob32

35-18s-32w-Scott,KS

Three Sisters 1c-35-1832

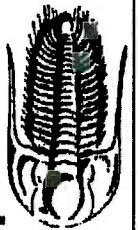
Start Date: 2010.10.10 @ 11:12:24
End Date: 2010.10.10 @ 17:04:18

Job Ticket #: 040257 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRIBOLITE
TESTING, INC

FML Natural Resources LLC

Three Sisters 1c-35-1832

35-18s-32w-Scott,KS

Job Ticket: 040257 DST#: 3

Test Start: 2010.10.10 @ 11:12:24

ATTN: Jim Musgrove/ Gary Do00

Denver, CO. 80202

Suite 900

410 17th St.

DRILL STEM TEST REPORT

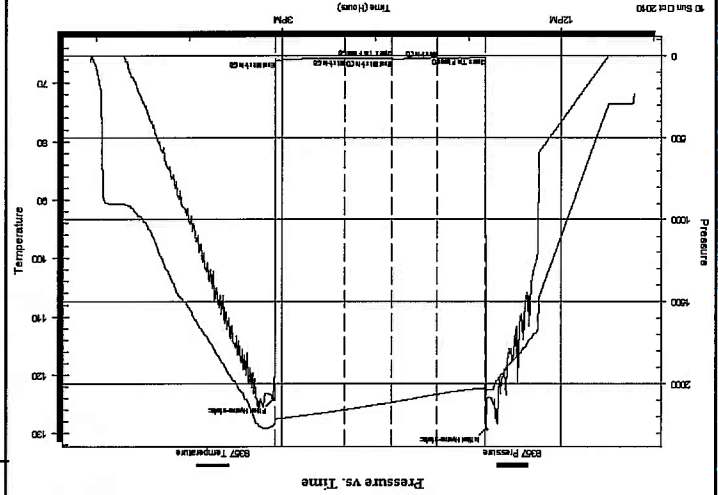
GENERAL INFORMATION:

Formation: LKC "L"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:49:19
Time Test Ended: 17:04:18
Interval: 4298.00 ft (KB) To 4341.00 ft (KB) (TVD)
Total Depth: 4341.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 2978.00 ft (KB)
2968.00 ft (CF)
10.00 ft
KB to GR/CF:

Serial #: 8357 Inside
Press@RunDepth: 17.10 psig @ 4299.00 ft (KB)
Start Date: 2010.10.10 End Date: 2010.10.10
Start Time: 11:12:24 End Time: 17:04:18
Capacity: 8000.00 psig
Last Calib.: 2010.10.10
Time On Btm: 2010.10.10 @ 12:48:19
Time Off Btm: 2010.10.10 @ 15:05:34

TEST COMMENT: IF: 1/4 blow died in 9 min.

IS: No return.
FF: No blow.
FS: No return.



Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud 100% m	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2271.56	122.48	Initial Hydro-static
1	14.18	121.85	Open To Flow (1)
32	16.18	123.30	Shut-In (1)
61	24.73	124.67	End Shut-In (1)
62	14.53	124.69	Open To Flow (2)
92	17.10	125.96	Shut-In (2)
136	29.70	127.58	End Shut-In (2)
138	2092.65	128.59	Final Hydro-static

TOOL DIAGRAM

DRILL STEM TEST REPORT



FML Natural Resources LLC

Three Sisters 1c-35-1832

35-18s-32w-Scott,KS

Job Ticket: 040257 DST#:3

Test Start: 2010.10.10 @ 11:12:24

ATTN: Jim Musgrove/Gary Do00
Denver, CO. 80202
Suite 900
410 17th St.

Tool Information

Drill Pipe:	Length:	4051.00 ft	Diameter:	3.80 inches	Volume:	56.82 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length:	242.00 ft	Diameter:	2.25 inches	Volume:	1.19 bbl	Weight to Pull Loose:	85000.00 lb
Drill Pipe Above KB:	Length:	15.00 ft			Total Volume:	58.01 bbl	Tool Chased	0.00 ft
Depth to Top Packer:	Length:	4298.00 ft					String Weight: Initial	70000.00 lb
Depth to Bottom Packer:	Length:	ft					Final	70000.00 lb
Interval between Packers:	Length:	43.00 ft						
Tool Length:	Length:	63.00 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			4279.00	
Shut In Tool	5.00			4284.00	
Hydraulic tool	5.00			4289.00	
Packer	5.00			4294.00	Bottom Of Top Packer
Packer	4.00			4298.00	
Stub	1.00			4299.00	
Recorder	0.00	8357	Inside	4299.00	
Recorder	0.00	6751	Outside	4299.00	
Perforations	5.00			4304.00	
Change Over Sub	1.00			4305.00	
Drill Pipe	32.00			4337.00	
Change Over Sub	1.00			4338.00	
Bullnose	3.00			4341.00	
Total Tool Length:					63.00
					Bottom Packers & Anchor



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Three Sisters 1c-35-1832

35-18s-32w-Scott,KS

Job Ticket: 040257 DST#:3

Test Start: 2010.10.10 @ 11:12:24

FML Natural Resources LLC

410 17th St.
Suite 900
Denver, CO. 80202

ATTN: Jim Musgrove/ Gary Do00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 52.00 sec/qt
Water Loss: 8.76 in³
Resistivity: 0.00 ohm.m
Salinity: 2100.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 0 deg API
Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	mud 100% m	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

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

Laboratory Name:

Recovery Comments:

Serial #: 8357

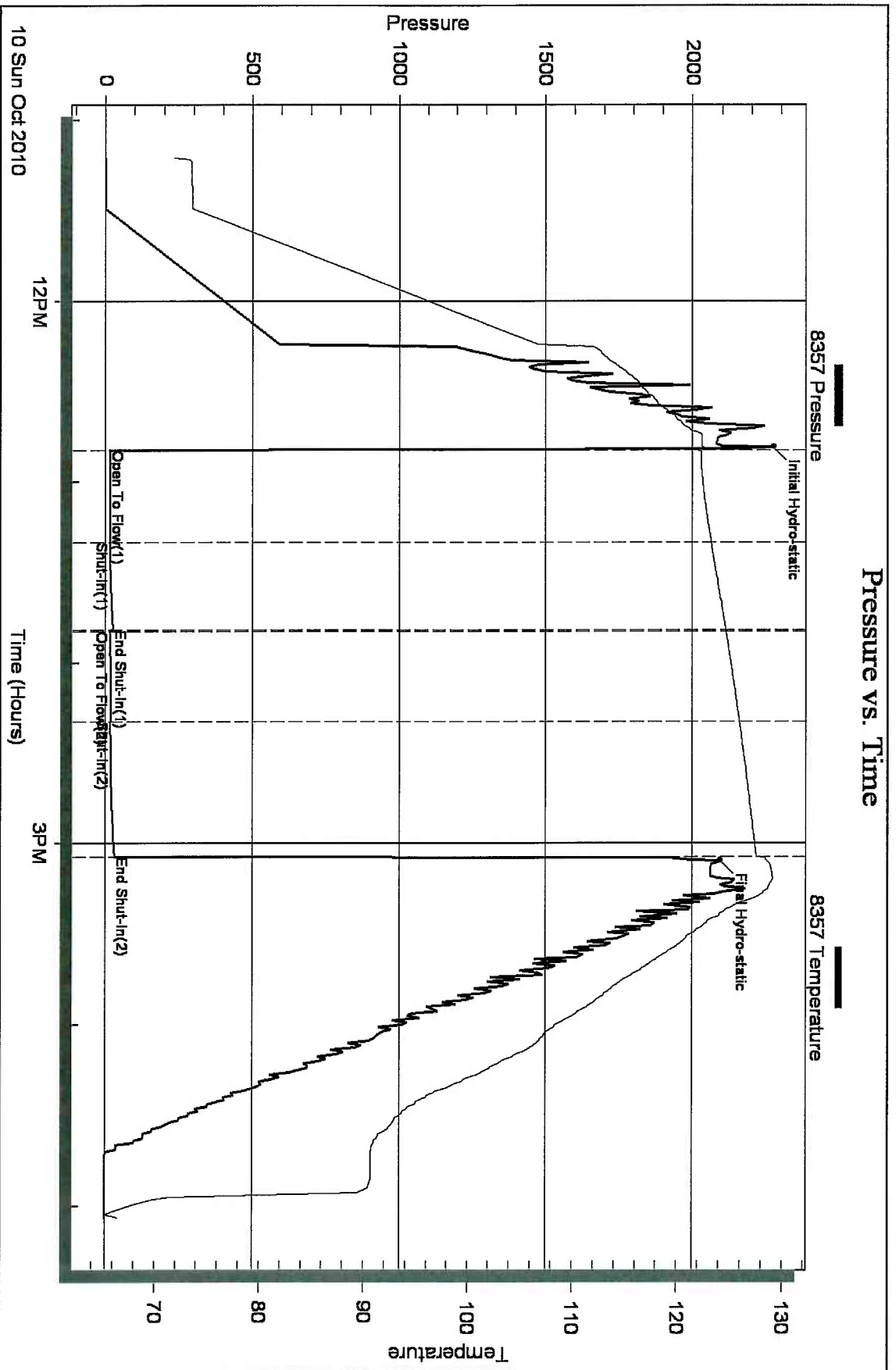
Inside

FIML Natural Resources LLC

35-18s-32w-Scott, KS

DST Test Number: 3

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: FIML Natural Resources LLC

410 17th St.
Suite 900
Denver, CO. 80202

ATTN: Jim Musgrove/ Gary Do832

35-18s-32w-Scott,KS

Three Sisters 1c-35-1832

Start Date: 2010.10.11 @ 03:19:55

End Date: 2010.10.11 @ 10:19:19

Job Ticket #: 040258 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



DRILL STEM TEST REPORT

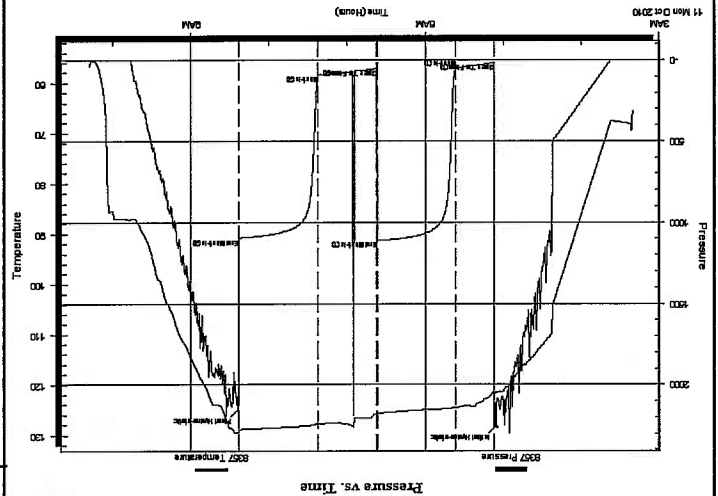
FML Natural Resources LLC
 35-18s-32w-Scott,KS
 Job Ticket: 040258
 DST#:4
 Test Start: 2010.10.11 @ 03:19:55
 ATTN: Jim Musgrove/ Gary Do00

GENERAL INFORMATION:

Formation: Marmaton
 Deviated: No Whipstock:
 Time Tool Opened: 05:07:05
 Time Test Ended: 10:19:19
 Interval: 4320.00 ft (KB) To 4408.00 ft (KB) (TVD)
 Total Depth: 4408.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Good
 Reference Elevations: 2978.00 ft (KB)
 2968.00 ft (CF)
 10.00 ft
 KB to GR/CF:

Serial #: 8357
 Inside
 Press@RunDepth: 91.51 psig @ 4321.00 ft (KB)
 Start Date: 2010.10.11
 End Date: 2010.10.11
 End Time: 03:19:55
 Start Time: 10:19:19
 Capacity: 8000.00 psig
 Last Calib.: 2010.10.11
 Time On Btm: 2010.10.11 @ 05:05:35
 Time Off Btm: 2010.10.11 @ 08:24:04

TEST COMMENT: IF: 1/4 blow built to 3 in 30 min.
 IS: No return.
 FF: No blow. Flushed tool after 15 min. Surface blow never built.
 FS: No return.



Length (ft)	Description	Volume (bbl)
154.00	mud oil spots 100% m	0.76

Recovery

Gas Rates

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

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2255.22	121.54	Initial Hydro-static
2	15.46	121.19	Open To Flow (1)
31	48.16	124.51	Shut-In (1)
92	1111.66	125.64	End Shut-In (1)
92	54.76	125.29	Open To Flow (2)
137	91.51	127.74	Shut-In (2)
198	1095.12	128.85	End Shut-In (2)
199	2153.34	129.52	Final Hydro-static

PRESSURE SUMMARY

TOOL DIAGRAM

DRILL STEM TEST REPORT



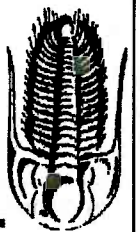
FIML Natural Resources LLC
 Three Sisters 1c-35-1832
 35-18s-32w-Scott,KS
 Job Ticket: 040258
 DST#:4
 Test Start: 2010.10.11 @ 03:19:55
 ATTN: Jim Musgrove/ Gary Do00
 Suite 900
 Denver, CO. 80202

Tool Information

Drill Pipe:	Length: 4085.00 ft	Diameter: 3.80 inches	Volume: 57.30 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 85000.00 lb
Drill Pipe Above KB:	25.00 ft	Total Volume: 58.48 bbl		Tool Chased 0.00 ft
Depth to Top Packer:	4320.00 ft	String Weight: Initial 70000.00 lb		Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	88.00 ft			
Tool Length:	108.00 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	4301.00		
Shut In Tool	5.00	4306.00		
Hydraulic tool	5.00	4311.00		
Packer	5.00	4316.00		Bottom Of Top Packer
Packer	4.00	4320.00		
Stub	1.00	4321.00		
Recorder	0.00	4321.00	Inside	
Recorder	0.00	4321.00	Outside	
Perforations	19.00	4340.00		
Change Over Sub	1.00	4341.00		
Drill Pipe	63.00	4404.00		
Change Over Sub	1.00	4405.00		
Bullnose	3.00	4408.00		Bottom Packers & Anchor
Total Tool Length:		108.00		



TRILOBITE
TESTING, INC.

FML Natural Resources LLC

Three Sisters 1c-35-1832

35-18s-32w-Scott,KS

Job Ticket: 040258 DST#:4

Test Start: 2010.10.11 @ 03:19:55

ATTN: Jim Musgrove/ Gary Do00

Denver, CO. 80202

Suite 900

410 17th St.

DRILL STEM TEST REPORT

FLUID SUMMARY

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 56.00 sec/qt
Water Loss: 7.18 in³
Resistivity: 0.00 ohm.m
Salinity: 3000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 0 deg API
Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
154.00	mud oil spots 100% m	0.757

Total Length: 154.00 ft Total Volume: 0.757 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8357

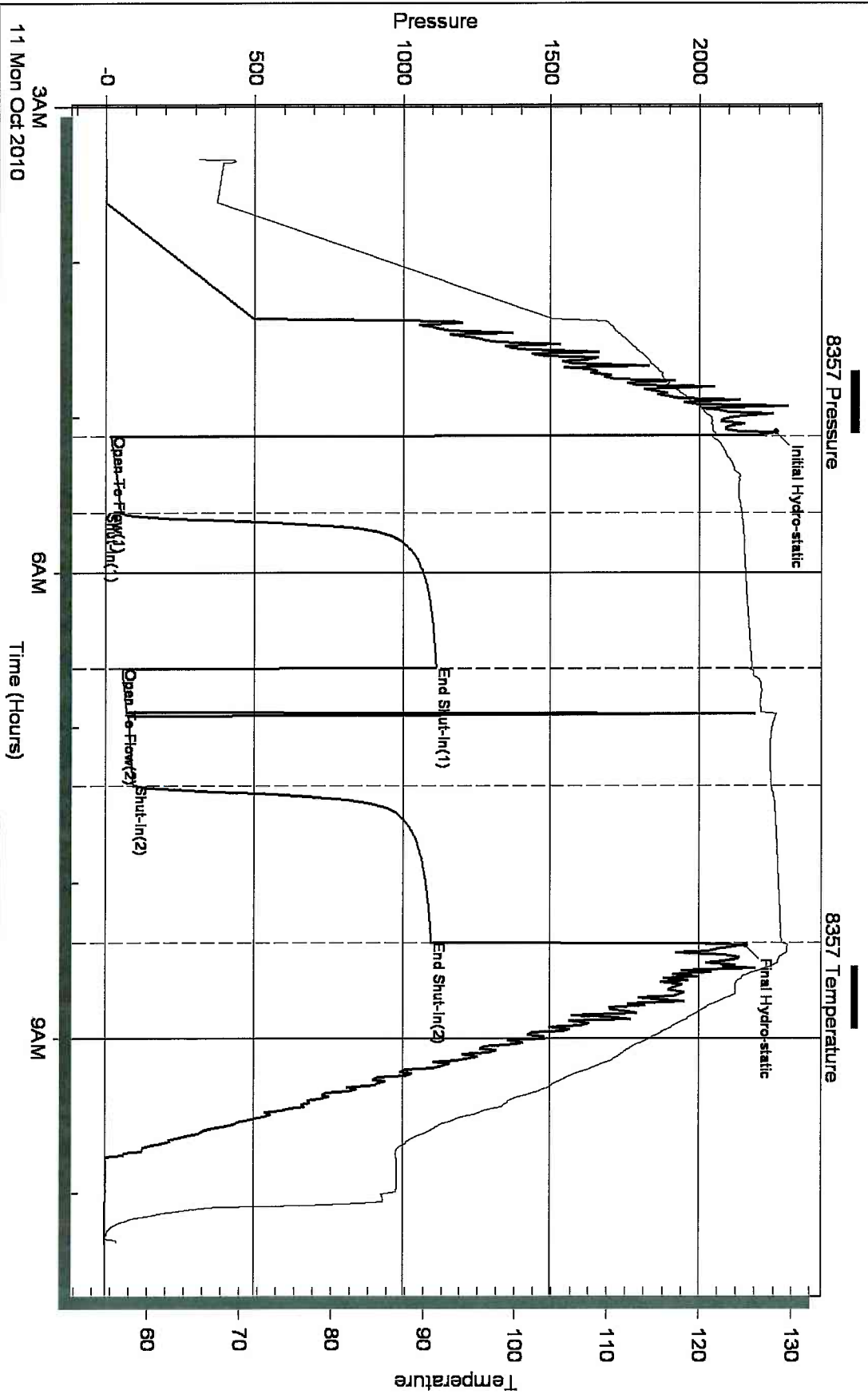
Inside

FIML Natural Resources LLC

35-18s-32w-Scott, KS

DST Test Number: 4

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources LLC**

410 17th St.
Suite 900
Denver, CO. 80202

ATTN: Jim Musgrove/ Gary Doh32

35-18s-32w-Scott,KS

Three Sisters 1c-35-1832

Start Date: 2010.10.12 @ 06:44:01

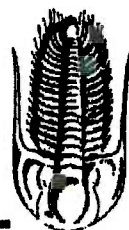
End Date: 2010.10.12 @ 12:36:55

Job Ticket #: 040259 DST #: 5

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRIBOLITE
TESTING, INC.

FML Natural Resources LLC

Three Sisters 1c-35-1832

35-18s-32w-Scott,KS

Job Ticket: 040259 DST#: 5

Test Start: 2010.10.12 @ 06:44:01

ATTN: Jim Musgrove/ Gary Do00

410 17th St.
Suite 900
Denver, CO. 80202

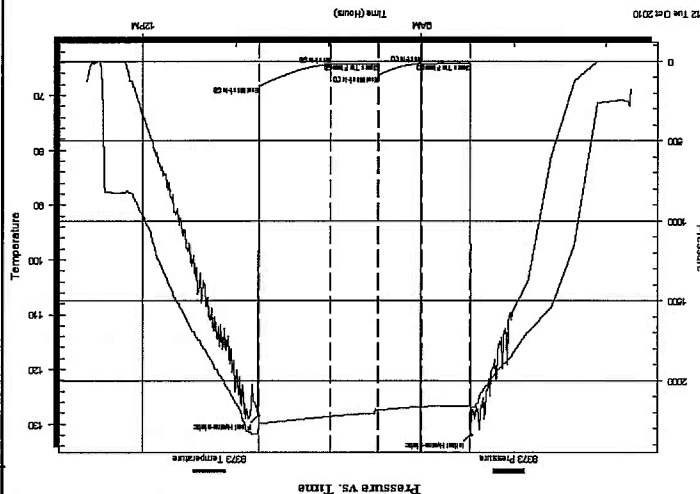
DRILL STEM TEST REPORT

GENERAL INFORMATION:

Formation: Mississippi - St. Lo
Deviated: No Whipstock:
ft (KB)
Time Tool Opened: 08:28:41
Time Test Ended: 12:36:55
Interval: 4511.00 ft (KB) To 4610.00 ft (KB) (TVD)
Total Depth: 4610.00 ft (KB) (TVD)
Hole Diameter: 7.88 inchesHole Condition: Good
Reference Elevations: 2978.00 ft (KB)
2968.00 ft (CF)
10.00 ft
KB to GR/CF:

Serial #: 8373
inside
Press@RunDepth: 21.51 psig @ 4512.00 ft (KB)
Start Date: 2010.10.12 End Date: 2010.10.12
Start Time: 06:44:01 End Time: 12:36:55
Capacity: 8000.00 psig
Last Callb.: 2010.10.12
Time On Btm: 2010.10.12 @ 08:27:41
Time Off Btm: 2010.10.12 @ 10:45:26

TEST COMMENT: IF: Surface blow died in 20 min.
IS: No return.
FF: No blow. Flushed tool no blow.
FS: No return.



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2337.08	127.03	Initial Hydro-static
1	14.68	126.27	Open To Flow (1)
32	16.53	126.83	Shut-In(1)
61	87.37	127.51	End Shut-In(1)
61	15.69	127.46	Open To Flow (2)
91	21.51	128.61	Shut-In(2)
137	153.11	129.98	End Shut-In(2)
138	2218.10	131.79	Final Hydro-static

PRESSURE SUMMARY

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)
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Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100% m	0.05

Tribolite Testing, Inc

Ref. No: 040259

Printed: 2010.10.21 @ 13:36:03 Page 2

TOOL DIAGRAM

DRILL STEM TEST REPORT



TRIBOLITE TESTING, INC.
 410 17th St.
 Suite 900
 Denver, CO. 80202
 ATTN: Jim Musgrove/ Gary Do00

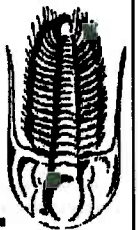
Three Sisters 1c-35-1832
35-18s-32w-Scott,KS
 Job Ticket: 040259
 DST#:5
 Test Start: 2010.10.12 @ 06:44:01

Tool Information

Drill Pipe:	Length: 4270.00 ft	Diameter: 3.80 inches	Volume: 59.90 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 242.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose: 85000.00 lb
Drill Pipe Above KB:		Total Volume: 61.09 bbl		Tool Chased 0.00 ft
Depth to Top Packer: 4511.00 ft				String Weight: Initial 71000.00 lb
Depth to Bottom Packer: ft				Final 71000.00 lb
Interval between Packers: 99.00 ft				
Tool Length: 119.00 ft				
Number of Packers: 2		Diameter: 6.75 inches		
Tool Comments:				

Tool Description Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Stub	1.00	4492.00			
Shut In Tool	5.00	4497.00			
Hydraulic tool	5.00	4502.00			
Packer	5.00	4507.00		20.00	Bottom Of Top Packer
Packer	4.00	4511.00			
Stub	1.00	4512.00			
Recorder	0.00	4512.00	Inside		
Recorder	0.00	4512.00	Outside		
Perforations	29.00	4541.00			
Change Over Sub	1.00	4542.00			
Drill Pipe	62.00	4604.00			
Change Over Sub	1.00	4605.00			
Bullnose	5.00	4610.00		99.00	Bottom Packers & Anchor
Total Tool Length:		119.00			



TRIBOLITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

FML Natural Resources LLC
Three Sisters 1c-35-1832
35-18s-32w-Scott, KS
Job Ticket: 040259
DST#: 5
ATTN: Jim Musgrove/ Gary Do00
Test Start: 2010.10.12 @ 06:44:01

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 58.00 sec/qt
Water Loss: 9.17 in³
Resistivity: 0.00 ohm.m
Salinity: 3200.00 ppm
Filter Cake: 1.00 inches
Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type: psig
Gas Cushion Pressure:
Oil API: 0 deg API
Water Salinity: 0 ppm

Recovery Information

Recovery Table		
Length ft	Description	Volume bbl
10.00	mud 100% m	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:		

Serial #: 8373

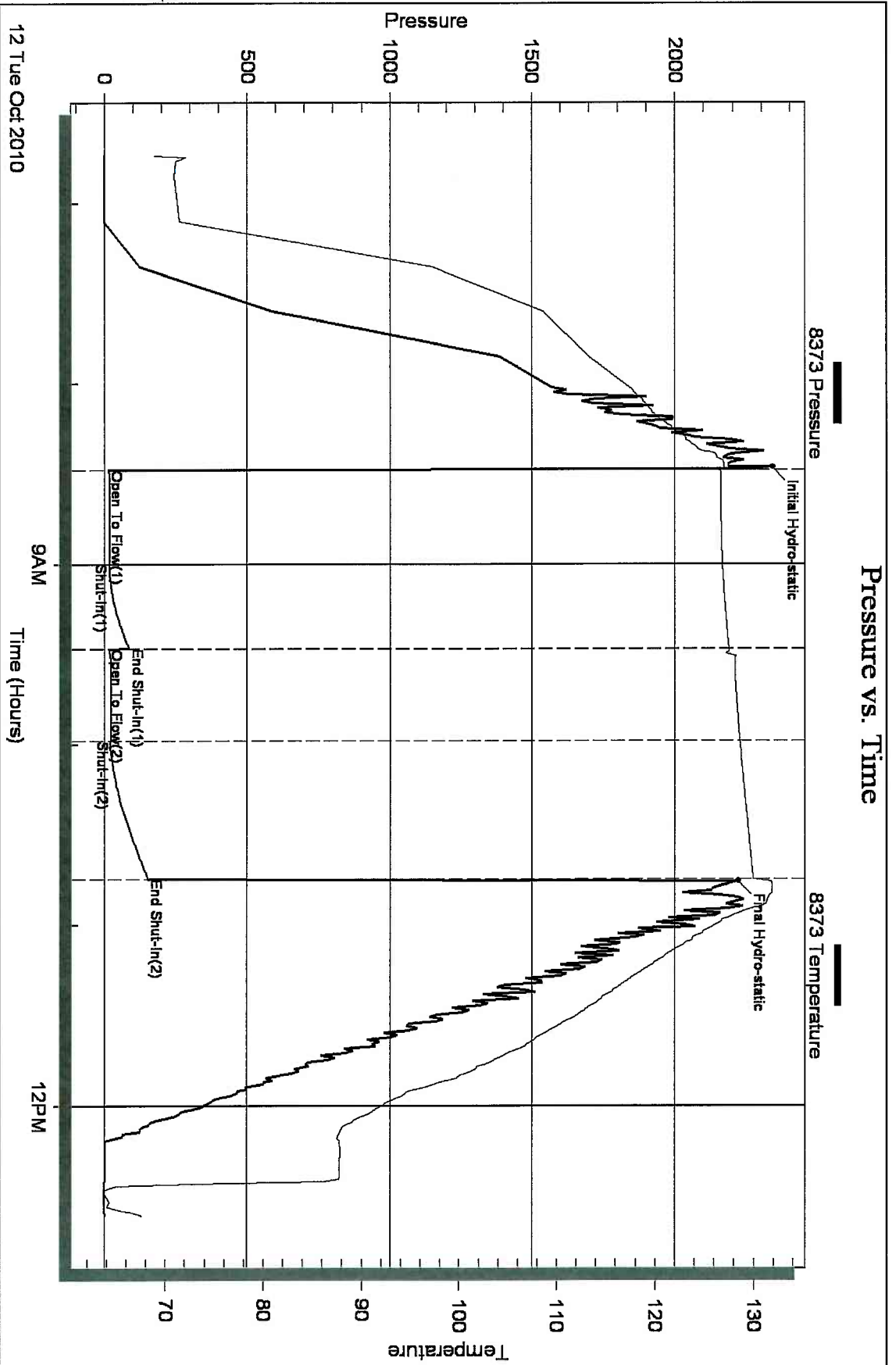
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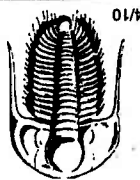
FIML Natural Resources LLC

35-18s-32w-Scott,KS

DST Test Number: 5

Pressure vs. Time





TRILOBITT
TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
OCT 11 2010

Test Ticket
NO. 039017

Well Name & No.		Three Sisters LC-35-1832	
Company		FIMC Natural Resources, LLC	
Address		410 17th Street, Suite 900, Denver, CO 80202	
Co. Rep / Geo.		Jim Musgrove	
Location: Sec.		35	
Twp.		18c	
Rge.		32w	
Co.		Soc H	
State		KS	

Interval Tested	4026 - 4046
Anchor Length	20'
Top Packer Depth	4021
Bottom Packer Depth	4026
Drill Pipe Run	240
Drill Collars Run	240
Wt. Pipe Run	1500
Chlorides ppm System	1500
LCM	4#

Blow Description: IFFP - Fair Blow, Built to 10" ISF - Dead

FFP - Fair Blow, Built to 10 1/2"

FSI -

420

Feet of (Muddy water w/oil screen) or top

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total	420
(A) Initial Hydrostatic	2005
(B) First Initial Flow	34
(C) First Final Flow	123
(D) Initial Shut-In	969
(E) Second Initial Flow	146
(F) Second Final Flow	211
(G) Final Shut-In	964
(H) Final Hydrostatic	1813

Initial Open	30
Initial Shut-In	45
Final Flow	65
Final Shut-In	90

Sub Total 2005

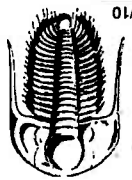
Sub Total 2005

MP/DST Disc

Approved By: [Signature]

Our Representative: [Signature]

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TRILOBIT TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

OCT 11 2010

Test Ticket NO. 039018

Well Name & No. Three Sisters #1C-35-1832 BY: 2
Company FIML Natural Resources, LLC Elevation 2978 KB 2968 GL
Address 410 17th Street, Suite 905, Denver, CO 80202
Co. Rep/Geo. Jim Musgrave Rtg Martin #21
Location: Sec. 35 Twp. 18S Rge. 32W Co. Scott State KS

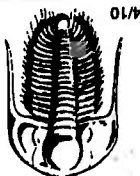
Interval Tested 4174-4210 Zone Tested H-I
Anchor Length 36' Drill Pipe Run 3927 Mud Wt. 9.3
Top Packer Depth 4169 Drill Collars Run 240 Vis 52
Bottom Packer Depth 4174 Wt. Pipe Run 0 WL 8.8
Total Depth 4210 Chlorides 2100 ppm System LCM 4
Blow Description IFP - Strong, BOB in 2 1/2 min.
ISI - Dead
IFP - Strong, BOB in 4 min.
FSI - Dead

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1500 BHT 139° Gravity 12.25 API RW 16.8 @ 90° F Chlorides 32,000 ppm
(A) Initial Hydrostatic 2071 Test 75
(B) First Initial Flow 66 Jars 0
(C) First Final Flow 538 Safety Joint 75
(D) Initial Shut-In 866 Circ Sub 0
(E) Second Initial Flow 533 Hourly Standby 0
(F) Second Final Flow 822 Mileage 16.1
(G) Final Shut-In 867 Sampler 0
(H) Final Hydrostatic 1900 Straddle 0

Initial Open 30 Shale Packer 0
Initial Shut-In 45 Extra Packer 0
Final Flow 65 45 Extra Recorder 0
Final Shut-In 90 60 Day Standby 0
Sub Total 1320 Accessibility 0
MP/DST Disc't 0 Sub Total 1320
Extra Copies 0 Ruined Packer 0
Ruined Shale Packer 0

Approved By [Signature] Our Representative [Signature]
TRILOBIT TESTING INC. shall not be liable for damaged or lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBIT
TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

OCT 18 2010

Test Ticket

NO. 040257

Well Name & No.	Three Sisters 1C-35-1832	Test No.	3	Date	10-10-10
Company	FTML Natural Resources	Elevation	2948	KB	2968
Address	410 17434 St. 908 Denver Co				
Co. Rep / Geo.	Gary Dake / Jim Musgrave	Rig	Martin 21	State	K5
Location: Sec.	35	Twp.	18	Rge.	32
Co.	Scott				

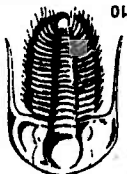
Interval Tested	4298	Zone Tested	18msing-L	Mud Wt.	9.3
Anchor Length	43	Drill Pipe Run	4051	Vis	5.2
Top Packer Depth	4298	Drill Collars Run	242	WL	8.8
Bottom Packer Depth	4298	Wt. Pipe Run	2100	LCM	4
Total Depth	4341	Chlorides	2100	ppm System	
Blow Description	IF: 1/4 blow died in 9 min. IS: No return. FI: No blow. FS: No return.				

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total	1	BHT	127	Gravity	1225.00	API RW	@	F Chlorides	9.40	T-On Location	10:12	T-Started	12:50	T-Open	15:05	T-Pulled	17:16	T-Out		Comments	
(A) Initial Hydrostatic	2271																				
(B) First Initial Flow	14																				
(C) First Final Flow	16																				
(D) Initial Shut-In	24																				
(E) Second Initial Flow	14																				
(F) Second Final Flow	17																				
(G) Final Shut-In	29																				
(H) Final Hydrostatic	2092																				

Initial Open	30																				
Initial Shut-In	30																				
Final Flow	30																				
Final Shut-In	45																				
Approved By																					
Our Representative																					

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TRILOBIT TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
OCT 18 2010

Test Ticket
NO. 040258

Well Name & No.	Three Sisters 1c-35-1832		
Company	FIML Natural Resources		
Address	410 19th St, 900 Denver CO 80202		
Co. Rep / Geo.	Gary Dake / Jim Masgrove		
Location: Sec.	Twp.	Rge.	Co.
35	18	32	Scott
State KS			
Date	Test No.	Elevation	KB
10-11-10	4	2978	2968
GL			

Interval Tested	4320	4408	Zone Tested	Marmaton
Anchor Length	88	4085	Drill Pipe Run	9.4
Top Packer Depth	4315	242	Drill Collars Run	56
Bottom Packer Depth	4320	7.2	Wt. Pipe Run	7.2
Total Depth	4408	3000	Chlorides ppm System	4
Blow Description	IFI 14 blow built to 3 in 30 min.			

IS! No return.

FI! No blow flushed tool after 15 min. Surface blow that never built.

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total	154	BHT	128	Gravity	1225.00	API RW	@	F Chlorides	ppm
(A) Initial Hydrostatic	2255	Test							
(B) First Initial Flow	15	Jars							
(C) First Final Flow	48	Safety Joint							
(D) Initial Shut-In	1111	Circ Sub							
(E) Second Initial Flow	54	Hourly Standby							
(F) Second Final Flow	91	Mileage							
(G) Final Shut-In	1095								
(H) Final Hydrostatic	2153								

Initial Open	30	Shale Packer		Shale Packer	
Initial Shut-In	60	Extra Recorder		Extra Recorder	
Final Flow	445	Day Standby		Day Standby	
Final Shut-In	60	Accessibility		Accessibility	

Approved By *[Signature]*
Our Representative *[Signature]*
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TRILOBIT TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

OCT 18 2010

NO. 040259

Test Ticket

Well Name & No.		Three Sisters 1c-35-1832		Date		10-12-10	
Company		FIML Natural Resources		Elevation		2978	
Address		410 17th St Ste 900 Denver Co 80202		KB		2968	
Co. Rep / Geo.		Gary Duke / Jim Musgrove		Rig		Mudwin 2-1	
Location: Sec.		35		Twp.		18	
		Rge.		Co.		Scott	
		State				KS	

Interval Tested	4511	Zone Tested	Miss. St. Louis
Anchor Length	99	Drill Pipe Run	4270
Top Packer Depth	4506	Drill Collars Run	292
Bottom Packer Depth	4511	Wt. Pipe Run	—
Total Depth	4610	Chlorides ppm System	3200
Blow Description	IF: Surface blow died in 20 min.		

IS: No return.
EF: No blow. Flashed tool no blow.
FS: No return.

Rec	10	Feet of	%mud	%oil	%gas	%water	%mud
Rec		Feet of	%mud	%oil	%gas	%water	%mud
Rec		Feet of	%mud	%oil	%gas	%water	%mud
Rec		Feet of	%mud	%oil	%gas	%water	%mud
Rec		Feet of	%mud	%oil	%gas	%water	%mud

Rec Total	10	BHT	129	Gravity	—	API RW	—	@	—	F Chlorides	ppm
(A) Initial Hydrostatic	2337	Test	1225.00	Test	1225.00	T-On Location	5.35	T-Started	6.43	T-Open	8.27
(D) Initial Shut-In	16	□ Jars		□ Safety Joint	N/C	T-Pulled	10.42	T-Out	12.46	Comments	
(E) Second Initial Flow	15	□ Hourly Standby		□ Mileage	1600	Sub Total	0	Total	12.45	MP/DST Disc't	
(F) Second Final Flow	21	□ Extra Recorder		□ Day Standby		Sub Total	0	Total	12.45	MP/DST Disc't	
(G) Final Shut-In	153	□ Sampler		□ Straddle		Sub Total	0	Total	12.45	MP/DST Disc't	
(H) Final Hydrostatic	2218	□ Shale Packer		□ Extra Packer		Sub Total	0	Total	12.45	MP/DST Disc't	

Initial Open	30	□ Ruined Shale Packer		□ Ruined Packer		□ Extra Copies		Sub Total	0	Total	12.45
Initial Shut-In	30	□ Shale Packer		□ Extra Packer		□ Extra Recorder		Sub Total	0	Total	12.45
Final Flow	30	□ Day Standby		□ Accessibility		Sub Total	0	Total	12.45	MP/DST Disc't	
Final Shut-In	45	Sub Total	0	Total	12.45	MP/DST Disc't					

Approved By: [Signature]
Our Representative: [Signature]
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