



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1069220

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

November 30, 2011

Cassie Parks
FIML Natural Resources, LLC
410 17TH ST STE 900
DENVER, CO 80202-4420

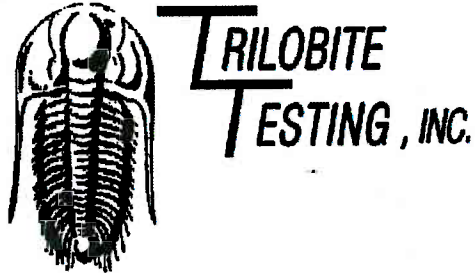
Re: ACO1
API 15-171-20818-00-00
Long Family Partnership 6A-20-1831
NW/4 Sec.20-18S-31W
Scott County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Cassie Parks



DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources**

410 17th ST STE900
Denver CO 80202

ATTN: Josh Austin

20-18-31 Scott,KS

Long Family Partners 6A

Start Date: 2011.08.10 @ 11:52:00

End Date: 2011.08.10 @ 18:53:45

Job Ticket #: 43626 DST #: 1

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

ORIGINAL

FIML Natural Resources

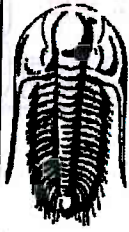
Long Family Partners 6A

20-18-31 Scott,KS

DST # 1

Lansing B&C

2011.08.10



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FIML Natural Resources

410 17th ST STE900
Denver CO 80202

ATTN: Josh Austin

Long Family Partners 6A

20-18-31 Scott,KS

Job Ticket: 43626

DST#: 1

Test Start: 2011.08.10 @ 11:52:00

GENERAL INFORMATION:

Formation: **Lansing B&C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:58:15

Time Test Ended: 18:53:45

Interval: **3952.00 ft (KB) To 4000.00 ft (KB) (TVD)**

Total Depth: 40000.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Bradely Walter/WMI

Unit No: 40

Reference Elevations: 2965.00 ft (KB)

2953.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8652

Inside

Press@RunDepth: 1000.25 psig @ 3953.00 ft (KB)

Start Date: 2011.08.10

End Date:

2011.08.10

Start Time: 11:52:05

End Time:

18:53:44

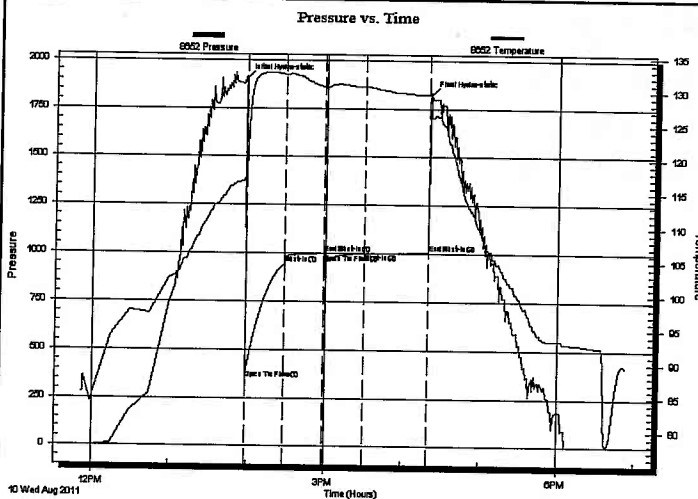
Capacity: 8000.00 psig

Last Calib.: 2011.08.10

Time On Btm: 2011.08.10 @ 13:57:45

Time Off Btm: 2011.08.10 @ 16:21:30

TEST COMMENT: IF-BOB in 45 sec
ISI-No Blow
FF-BOB in 4 1/2 min Reced to 7 in
FSI-No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1903.94	117.44	Initial Hydro-static
1	350.99	117.36	Open To Flow (1)
31	944.43	132.45	Shut-In(1)
61	998.90	130.63	End Shut-In(1)
62	949.22	130.60	Open To Flow (2)
93	1000.25	130.64	Shut-In(2)
142	1003.93	129.54	End Shut-In(2)
144	1825.45	126.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1950.00	5%rn 95%w	23.99
200.00	40%rn 60%w	2.81

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FML Natural Resources

Long Family Partners 6A

410 17th ST STE900
Denver CO 80202

20-18-31 Scott,KS

Job Ticket: 43626

DST#: 1

ATTN: Josh Austin

Test Start: 2011.08.10 @ 11:52:00

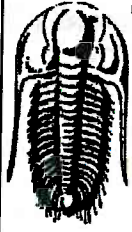
Tool Information

Drill Pipe:	Length: 3580.00 ft	Diameter: 3.80 inches	Volume: 50.22 bbl	Tool Weight: 2000.00 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: 369.00 ft	Diameter: 2.25 inches	Volume: 1.81 bbl	Weight to Pull Loose: 15000.00 lb
			<u>Total Volume: 52.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	3952.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	76.00 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			3925.00	
Shut In Tool	5.00			3930.00	
Hydraulic tool	5.00			3935.00	
Jars	5.00			3940.00	
Safety Joint	2.00			3942.00	
Packer	5.00			3947.00	28.00 Bottom Of Top Packer
Packer	5.00			3952.00	
Stubb	1.00			3953.00	
Recorder	0.00	8652	Inside	3953.00	
Recorder	0.00	8360	Outside	3953.00	
Perforations	11.00			3964.00	
Change Over Sub	1.00			3965.00	
Drill Pipe	31.00			3996.00	
Change Over Sub	1.00			3997.00	
Bullnose	3.00			4000.00	48.00 Bottom Packers & Anchor

Total Tool Length: 76.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources

Long Family Partners 6A

410 17th ST STE900
Denver CO 80202

20-18-31 Scott,KS

ATTN: Josh Austin

Job Ticket: 43626

DST#: 1

Test Start: 2011.08.10 @ 11:52:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

55000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.06 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
1950.00	5% <i>m</i> 95% <i>w</i>	23.992
200.00	40% <i>m</i> 60% <i>w</i>	2.805

Total Length: 2150.00 ft Total Volume: 26.797 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

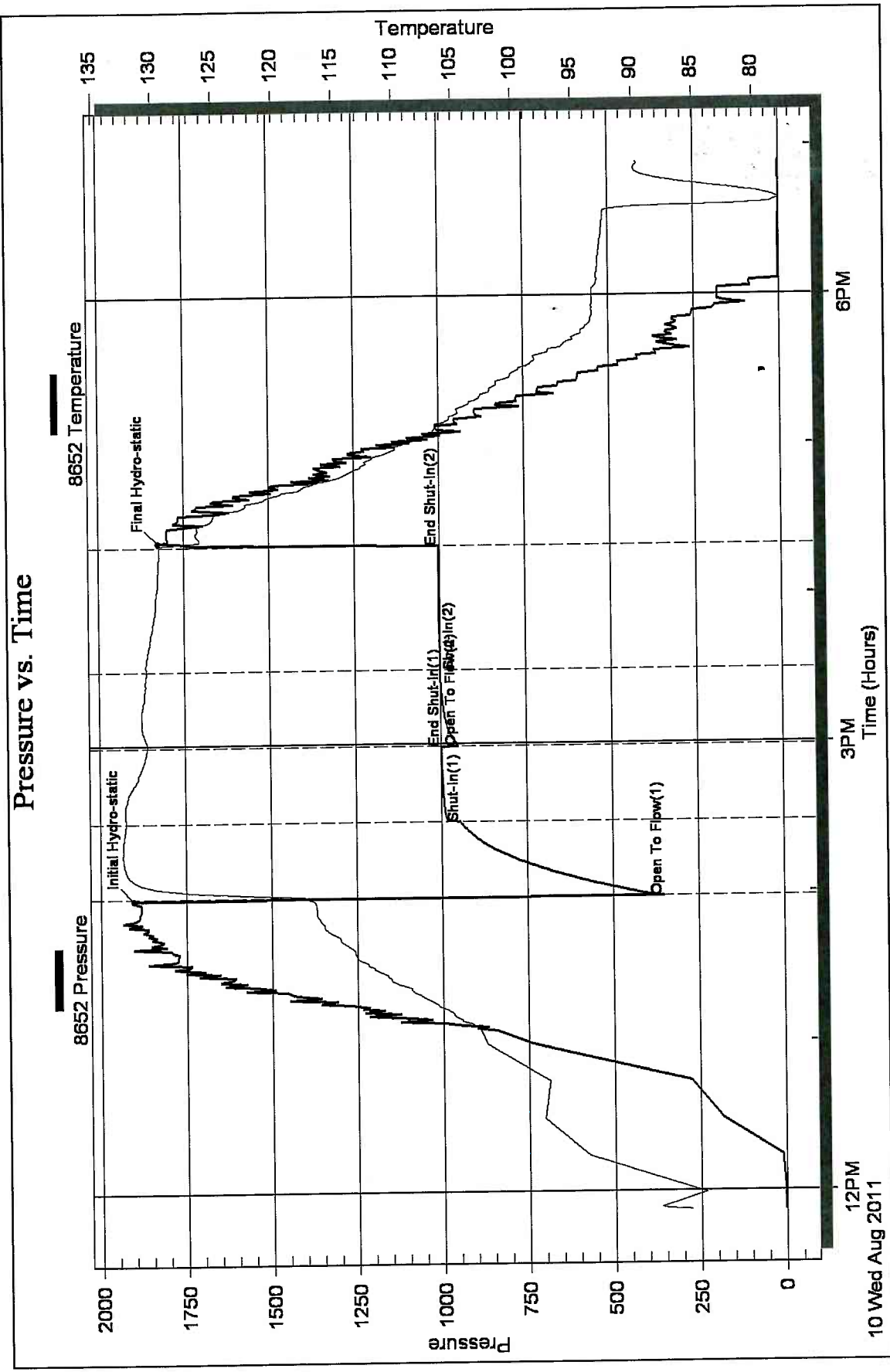
Serial #:

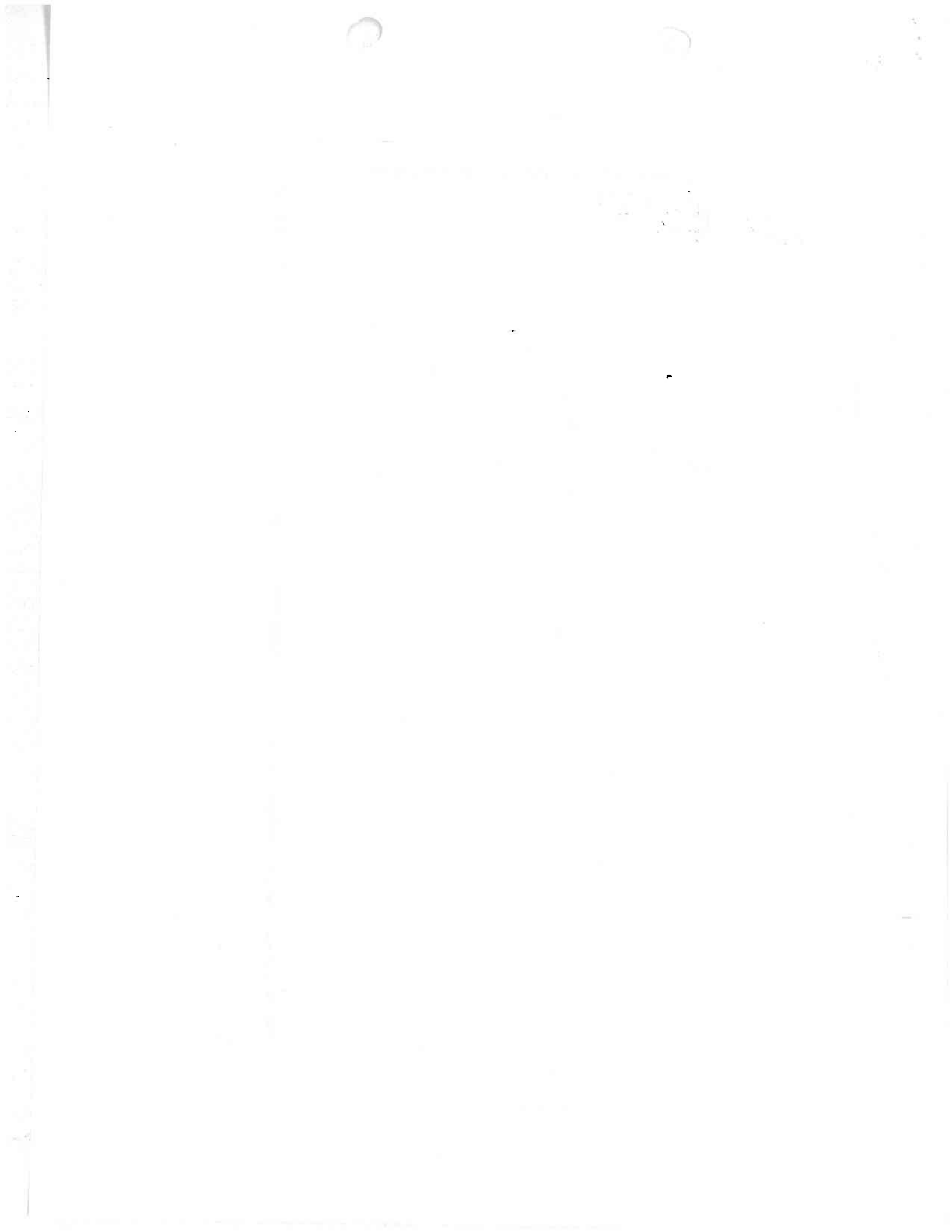
Laboratory Name:

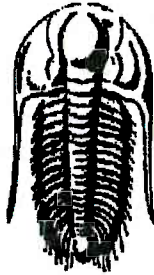
Laboratory Location:

Recovery Comments: RW is .122 @ 79f=55000ppm

Pressure vs. Time







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources**

410 17th ST STE900
Denver CO 80202

ATTN: Josh Austin

20-18-31 Scott,KS

Long Family Partners 6A

Start Date: 2011.08.11 @ 02:23:05

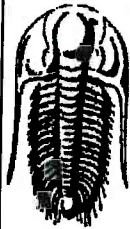
End Date: 2011.08.11 @ 08:26:29

Job Ticket #: 43627 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FIML Natural Resources

410 17th ST STE900
Denver CO 80202

ATTN: Josh Austin

Long Family Partners 6A

20-18-31 Scott,KS

Job Ticket: 43627

DST#: 2

Test Start: 2011.08.11 @ 02:23:05

GENERAL INFORMATION:

Formation: **Lansing "D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:26:30

Time Test Ended: 08:26:29

Interval: **4006.00 ft (KB) To 4027.00 ft (KB) (TVD)**

Total Depth: 40000.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Bradely Walter/WMI

Unit No: 40

Reference Elevations: 2965.00 ft (KB)

2953.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8652

Inside

Press@RunDepth: 33.24 psig @ 4007.00 ft (KB)

Start Date: 2011.08.11

End Date:

2011.08.11

Start Time: 02:23:05

End Time:

08:26:29

Capacity: 8000.00 psig

Last Calib.: 2011.08.11

Time On Btm: 2011.08.11 @ 04:26:15

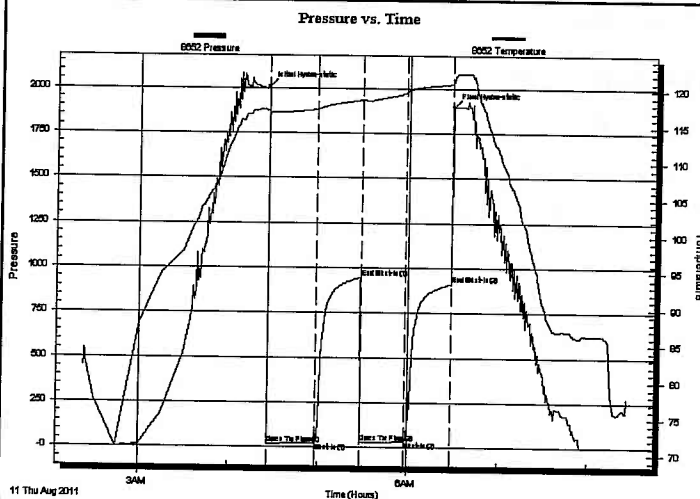
Time Off Btm: 2011.08.11 @ 06:29:15

TEST COMMENT: IF- Weak Surface Blow Died in 22 min

IS- No Blow

FF- No Blow

FS- No Blow



PRESSURE SUMMARY

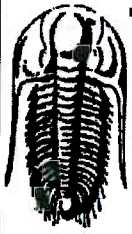
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2008.34	117.30	Initial Hydro-static
1	16.97	116.38	Open To Flow (1)
32	26.19	117.40	Shut-In(1)
62	948.51	118.68	End Shut-In(1)
63	27.45	118.29	Open To Flow (2)
92	33.24	119.82	Shut-In(2)
123	911.49	120.91	End Shut-In(2)
123	1897.29	121.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100% mud (Oil Spots)	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources

Long Family Partners 6A

410 17th ST STE900
Denver CO 80202

20-18-31 Scott,KS

Job Ticket: 43627

DST#: 2

ATTN: Josh Austin

Test Start: 2011.08.11 @ 02:23:05

Tool Information

Drill Pipe:	Length: 3641.00 ft	Diameter: 3.80 inches	Volume: 51.07 bbl	Tool Weight: 2000.00 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: 369.00 ft	Diameter: 2.25 inches	Volume: 1.81 bbl	Weight to Pull Loose: lb
			<u>Total Volume: 52.88 bbl</u>	Tool Chased: ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4006.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	49.00 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			3979.00	
Shut In Tool	5.00			3984.00	
Hydraulic tool	5.00			3989.00	
Jars	5.00			3994.00	
Safety Joint	2.00			3996.00	
Packer	5.00			4001.00	28.00 Bottom Of Top Packer
Packer	5.00			4006.00	
Stubb	1.00			4007.00	
Recorder	0.00	8652	Inside	4007.00	
Recorder	0.00	8360	Outside	4007.00	
Perforations	17.00			4024.00	
Bullnose	3.00			4027.00	21.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

FML Natural Resources

Long Family Partners 6A

410 17th ST STE900
Denver CO 80202

20-18-31 Scott,KS

Job Ticket: 43627

DST#: 2

ATTN: Josh Austin

Test Start: 2011.08.11 @ 02:23:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.09 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	100% mud (Oil Spots)	0.074

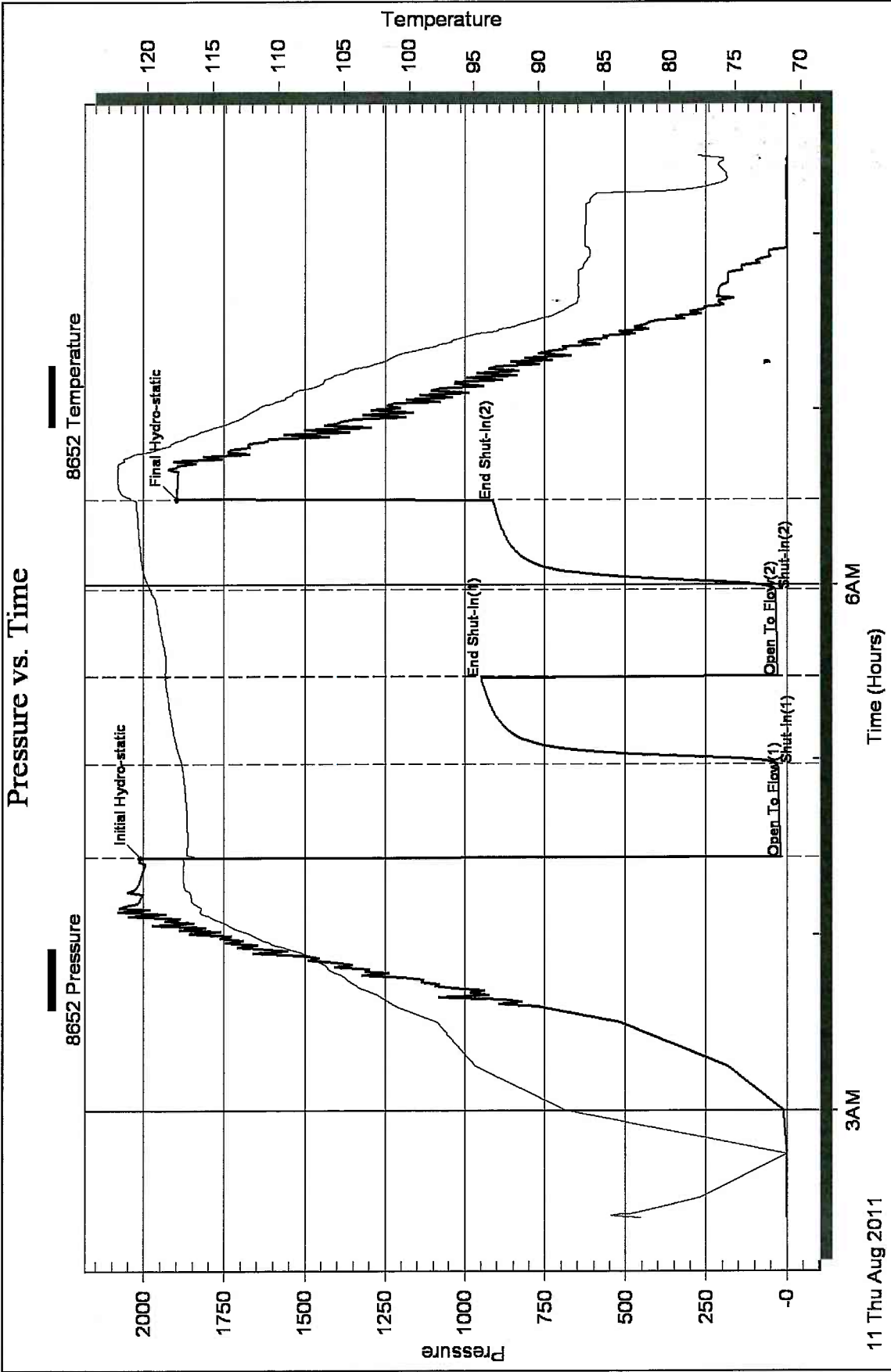
Total Length: 15.00 ft Total Volume: 0.074 bbl

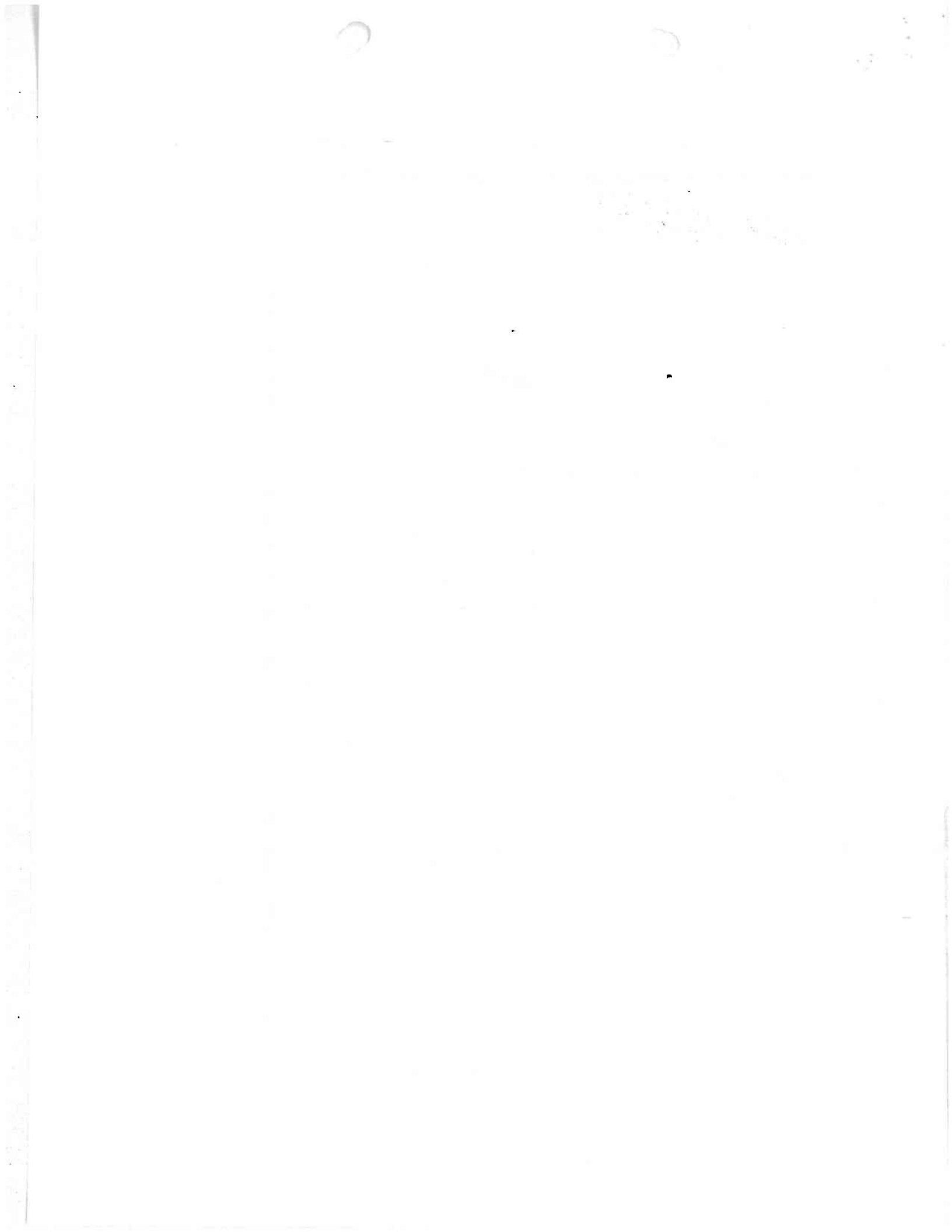
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

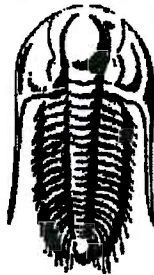
Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources**

410 17th ST STE900
Denver CO 80202

ATTN: Josh Austin

20-18-31 Scott,KS

Long Family Partners 6A

Start Date: 2011.08.11 @ 21:04:05

End Date: 2011.08.12 @ 06:17:30

Job Ticket #: 43628 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

FIML Natural Resources

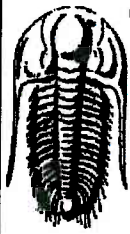
Long Family Partners 6A

20-18-31 Scott,KS

DST # 3

Lansing G&H

2011.08.11



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FIML Natural Resources

410 17th ST STE900
Denver CO 80202

ATTN: Josh Austin

Long Family Partners 6A

20-18-31 Scott,KS

Job Ticket: 43628

DST#: 3

Test Start: 2011.08.11 @ 21:04:05

GENERAL INFORMATION:

Formation: **Lansing G&H**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:35:30
 Time Test Ended: 06:17:30

Test Type: Conventional Bottom Hole
 Tester: Bradely Walter/Will
 Unit No: 40

Interval: **4104.00 ft (KB) To 4175.00 ft (KB) (TVD)**
 Total Depth: 4175.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2965.00 ft (KB)
 2953.00 ft (CF)
 KB to GR/CF: 12.00 ft

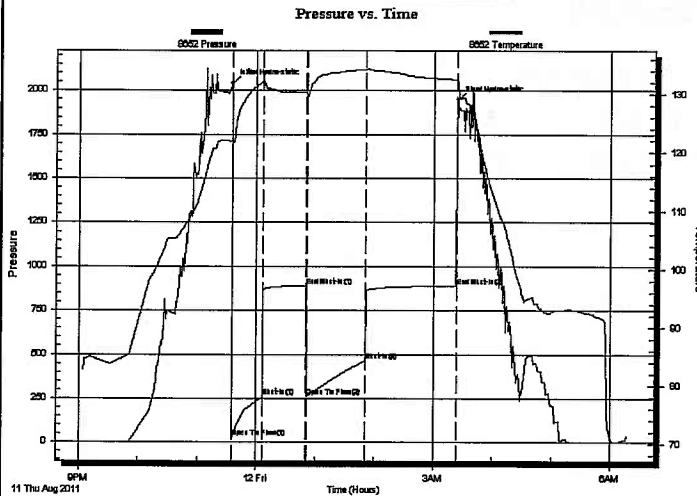
Serial #: 8652

Inside

Press@RunDepth: 467.60 psig @ 4105.00 ft (KB)
 Start Date: 2011.08.11 End Date: 2011.08.12
 Start Time: 21:04:05 End Time: 06:17:30

Capacity: 8000.00 psig
 Last Calib.: 2011.08.12
 Time On Btm: 2011.08.11 @ 23:35:00
 Time Off Btm: 2011.08.12 @ 03:24:29

TEST COMMENT: IF- BOB in 9 min
 IS- No Blow
 FF- BOB in 13 min
 FS- No Blow



PRESSURE SUMMARY

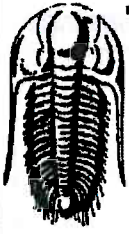
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2042.56	122.11	Initial Hydro-static
1	28.55	121.52	Open To Flow (1)
32	261.09	132.17	Shut-In(1)
76	890.83	130.37	End Shut-In(1)
77	259.07	129.99	Open To Flow (2)
136	467.60	134.28	Shut-In(2)
229	890.61	132.58	End Shut-In(2)
230	1948.25	131.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
470.00	20%m 80%w	3.23
368.00	20%m 20%o 60%w	5.16
128.00	20%w 30%o 50%m	1.80
60.00	Oil 100% o	0.84

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources

Long Family Partners 6A

410 17th ST STE900
Denver CO 80202

20-18-31 Scott,KS

Job Ticket: 43628

DST#: 3

ATTN: Josh Austin

Test Start: 2011.08.11 @ 21:04:05

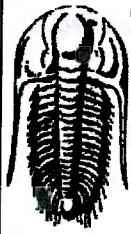
Tool Information

Drill Pipe:	Length: 3734.00 ft	Diameter: 3.80 inches	Volume: 52.38 bbl	Tool Weight: 2000.00 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: 369.00 ft	Diameter: 2.25 inches	Volume: 1.81 bbl	Weight to Pull Loose: lb
			<u>Total Volume: 54.19 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4104.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.00 ft			
Tool Length:	92.00 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			4084.00	
Shut In Tool	5.00			4089.00	
Hydraulic tool	5.00			4094.00	
Packer	5.00			4099.00	21.00 Bottom Of Top Packer
Packer	5.00			4104.00	
Stubb	1.00			4105.00	
Recorder	0.00	8360	Outside	4105.00	
Recorder	0.00	8652	Inside	4105.00	
Perforations	33.00			4138.00	
Change Over Sub	1.00			4139.00	
Drill Pipe	31.00			4170.00	
Change Over Sub	1.00			4171.00	
Perforations	1.00			4172.00	
Bullnose	3.00			4175.00	71.00 Bottom Packers & Anchor

Total Tool Length: 92.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

FML Natural Resources

Long Family Partners 6A

410 17th ST STE900
Denver CO 80202

20-18-31 Scott,KS

Job Ticket: 43628

DST#: 3

ATTN: Josh Austin

Test Start: 2011.08.11 @ 21:04:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 25 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 39000 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.87 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1700.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
470.00	20%m 80%w	3.231
368.00	20%m 20%o 60%w	5.162
128.00	20%w 30%o 50%m	1.796
60.00	Oil 100% o	0.842

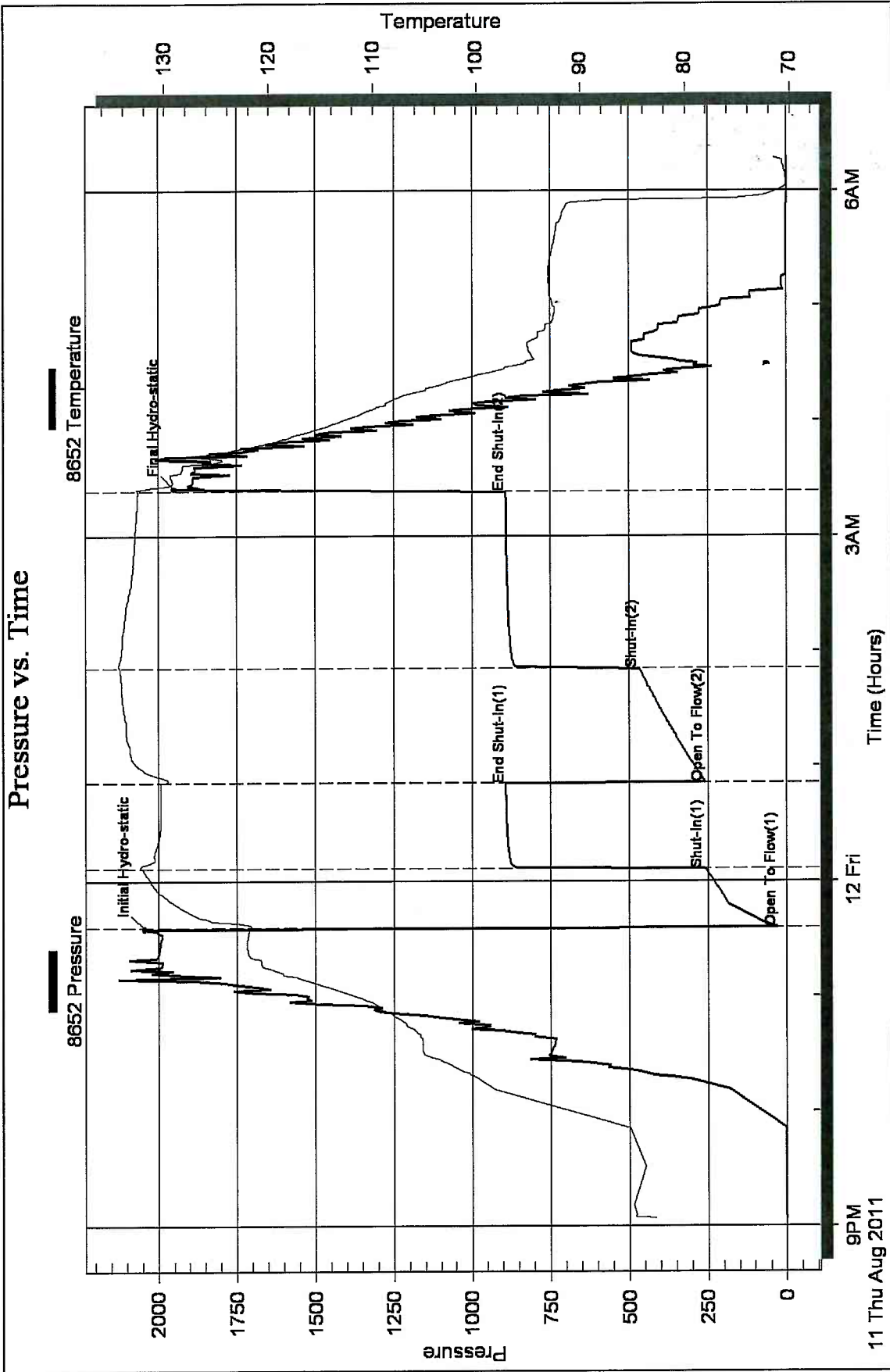
Total Length: 1026.00 ft Total Volume: 11.031 bbl

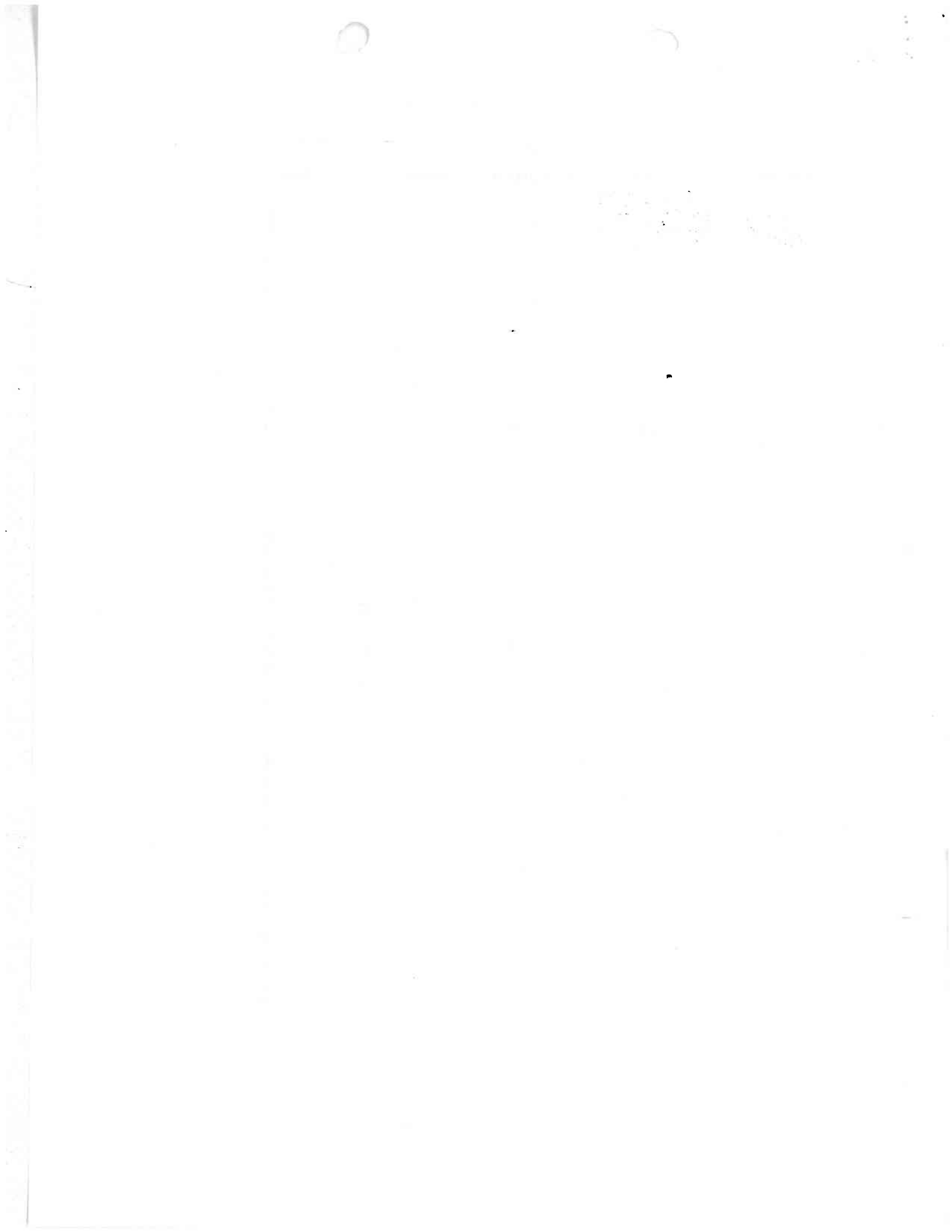
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

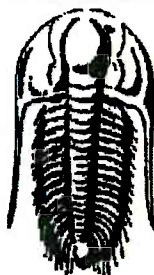
Laboratory Name: Laboratory Location:

Recovery Comments: Oil Api is 26 at 72f = 25api
RW.167@75f=3900

Pressure vs. Time







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources**

410 17th ST STE900
Denver CO 80202

ATTN: Josh Austin

20-18-31 Scott,KS

Long Family Partners 6A

Start Date: 2011.08.12 @ 18:32:00

End Date: 2011.08.13 @ 02:28:15

Job Ticket #: 43629 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

FIML Natural Resources

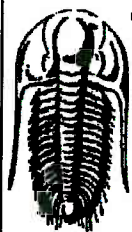
Long Family Partners 6A

20-18-31 Scott,KS

DST # 4

Lansing-JL

2011.08.12



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FML Natural Resources

410 17th ST STE900
Denver CO 80202

ATTN: Josh Austin

Long Family Partners 6A

20-18-31 Scott,KS

Job Ticket: 43629

DST#: 4

Test Start: 2011.08.12 @ 18:32:00

GENERAL INFORMATION:

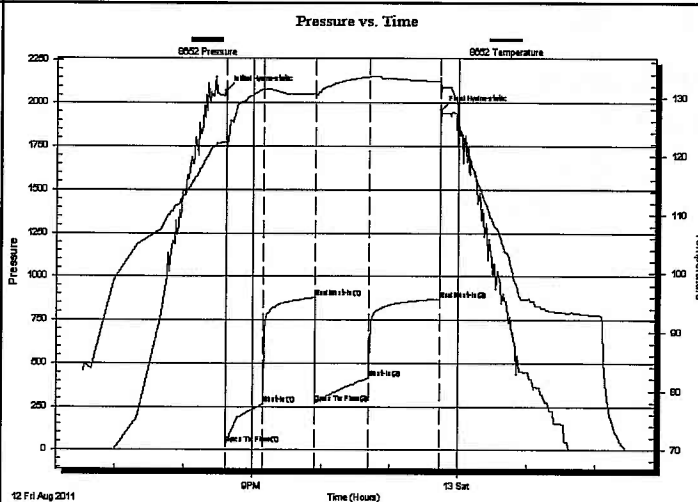
Formation: **Lansing- J-L**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 20:36:30
 Tester: Bradely Walter/Mill
 Time Test Ended: 02:28:15
 Unit No: 40
 Interval: **4190.00 ft (KB) To 4285.00 ft (KB) (TVD)**
 Reference Elevations: 2965.00 ft (KB)
 Total Depth: 4285.00 ft (KB) (TVD)
 2953.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 12.00 ft

Serial #: 8652

Inside

Press@RunDepth: 415.53 psig @ 4191.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.08.12 End Date: 2011.08.13 Last Calib.: 2011.08.13
 Start Time: 18:32:05 End Time: 02:28:14 Time On Btm: 2011.08.12 @ 20:36:15
 Time Off Btm: 2011.08.12 @ 23:44:30

TEST COMMENT: IF- BOB in 8 min
 IS- No Blow
 FF- BOB in 10 min
 FS- Built to 1 1/2 in Receeded to 1 1/4



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2072.54	122.39	Initial Hydro-static
1	36.82	121.11	Open To Flow (1)
33	264.33	131.44	Shut-In(1)
78	878.68	130.63	End Shut-In(1)
79	271.33	130.29	Open To Flow (2)
126	415.53	133.53	Shut-In(2)
188	868.10	132.76	End Shut-In(2)
189	1962.89	131.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
380.00	5%o 75%w 20%m	1.97
282.00	5%g 30%o 20%w 45%m	3.96
94.00	10%g 40%o 20%w 30%m	1.32
194.00	20%g 80%o	2.72
0.00	188 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources

Long Family Partners 6A

410 17th ST STE900
Denver CO 80202

20-18-31 Scott,KS

Job Ticket: 43629

DST#: 4

ATTN: Josh Austin

Test Start: 2011.08.12 @ 18:32:00

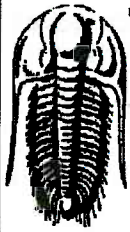
Tool Information

Drill Pipe:	Length: 3830.00 ft	Diameter: 3.80 inches	Volume: 53.72 bbl	Tool Weight: 2000.00 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: 369.00 ft	Diameter: 2.25 inches	Volume: 1.81 bbl	Weight to Pull Loose: 16000.00 lb
			Total Volume: 55.53 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	4190.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	95.00 ft			
Tool Length:	116.00 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			4170.00	
Shut In Tool	5.00			4175.00	
Hydraulic tool	5.00			4180.00	
Packer	5.00			4185.00	21.00 Bottom Of Top Packer
Packer	5.00			4190.00	
Stubb	1.00			4191.00	
Recorder	0.00	8360	Outside	4191.00	
Recorder	0.00	8652	Inside	4191.00	
Perforations	25.00			4216.00	
Change Over Sub	1.00			4217.00	
Drill Pipe	62.00			4279.00	
Change Over Sub	1.00			4280.00	
Perforations	2.00			4282.00	
Bullnose	3.00			4285.00	95.00 Bottom Packers & Anchor

Total Tool Length: 116.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

FML Natural Resources

Long Family Partners 6A

410 17th ST STE900
Denver CO 80202

20-18-31 Scott,KS

Job Ticket: 43629

DST#: 4

ATTN: Josh Austin

Test Start: 2011.08.12 @ 18:32:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 30 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 39000 ppm
Viscosity: 65.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.90 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 2600.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
380.00	5%o 75%w 20%m	1.969
282.00	5%g 30%o 20%w 45%m	3.956
94.00	10%g 40%o 20%w 30%m	1.319
194.00	20%g 80%o	2.721
0.00	188 GIP	0.000

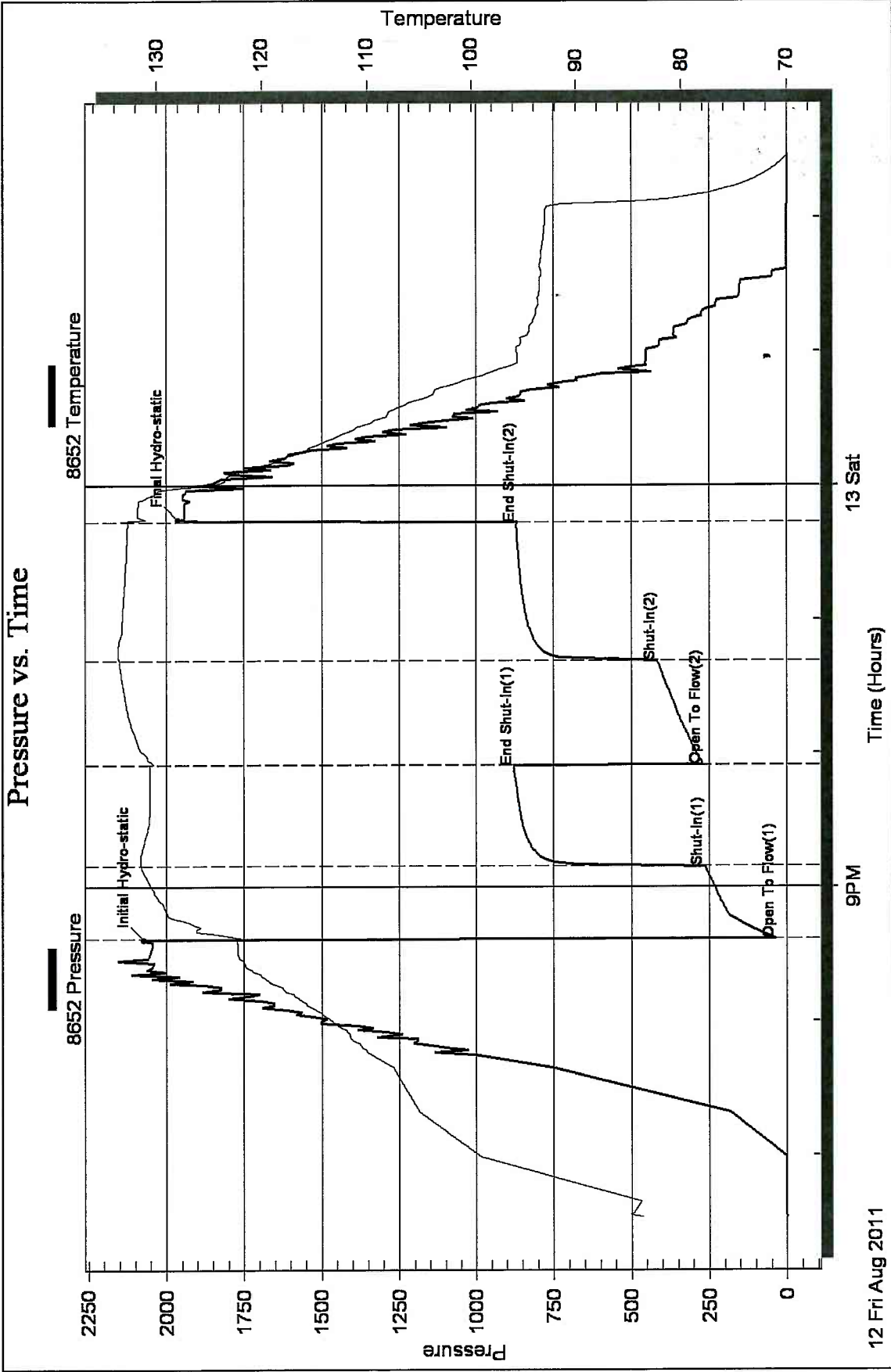
Total Length: 950.00 ft Total Volume: 9.965 bbl

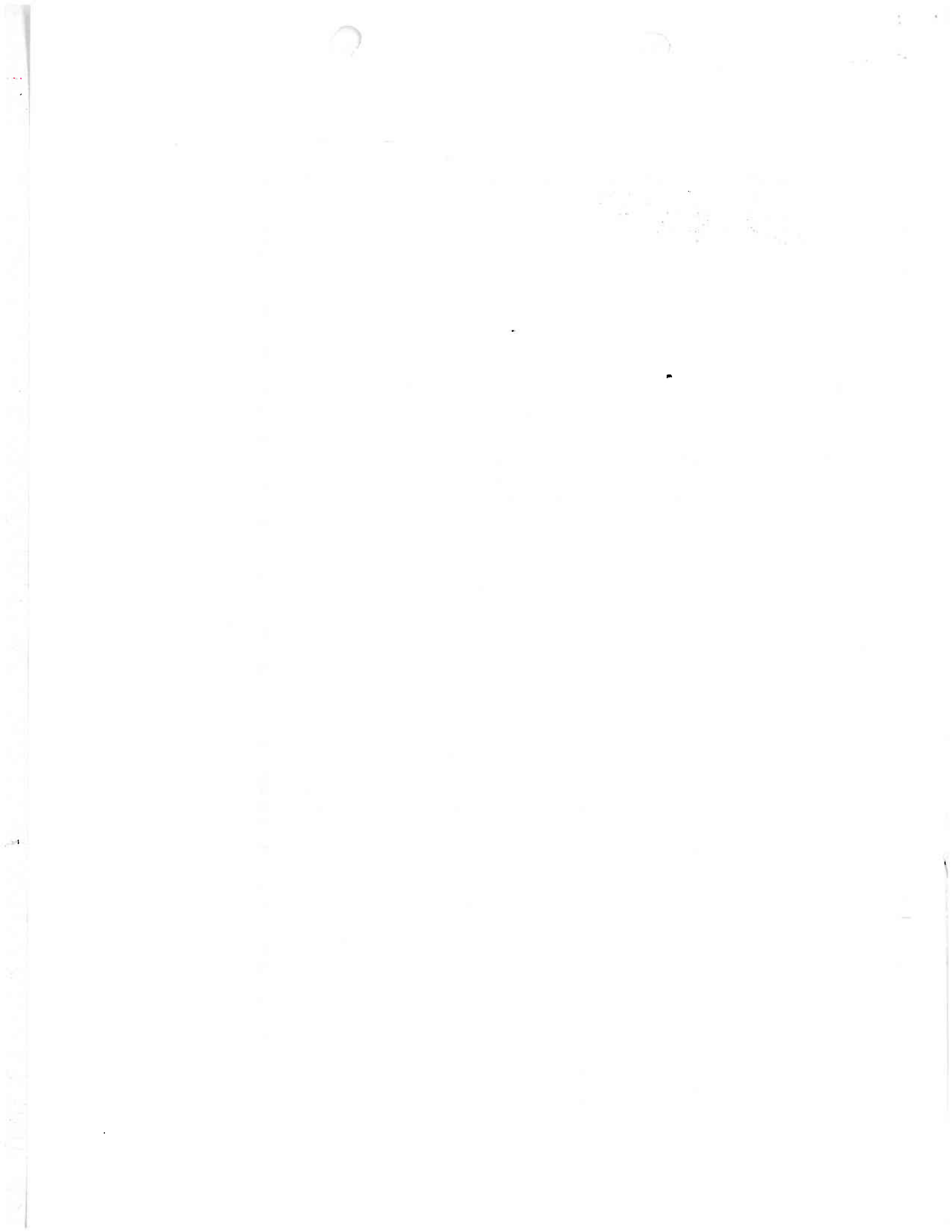
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

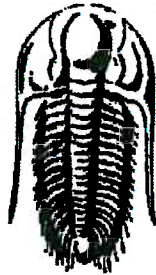
Laboratory Name: Laboratory Location:

Recovery Comments: RW is .182 @ 72=39000
OIL API 31 @ 72=30

Pressure vs. Time







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources**

410 17th ST STE900
Denver CO 80202

ATTN: Josh Austin

20-18-31 Scott,KS

Long Family Partners 6A

Start Date: 2011.08.13 @ 12:54:05

End Date: 2011.08.13 @ 22:32:00

Job Ticket #: 43631 DST #: 5

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

FIML Natural Resources

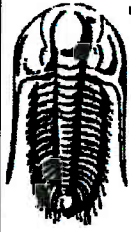
Long Family Partners 6A

20-18-31 Scott,KS

DST # 5

Marmaton / Altamont

2011.08.13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FIML Natural Resources

410 17th ST STE900
Denver CO 80202

ATTN: Josh Austin

Long Family Partners 6A

20-18-31 Scott,KS

Job Ticket: 43631

DST#: 5

Test Start: 2011.08.13 @ 12:54:05

GENERAL INFORMATION:

Formation: **Marmaton / Altamont**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 15:30:15

Time Test Ended: 22:32:00

Test Type: Conventional Bottom Hole

Tester: Bradely Walter/WMI

Unit No: 40

Interval: **4287.00 ft (KB) To 4380.00 ft (KB) (TVD)**

Total Depth: 4380.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2965.00 ft (KB)

2953.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8652

Inside

Press@RunDepth: 436.44 psig @ 4288.00 ft (KB)

Start Date: 2011.08.13

End Date:

2011.08.13

Capacity: 8000.00 psig

Last Calib.: 2011.08.13

Start Time: 12:54:05

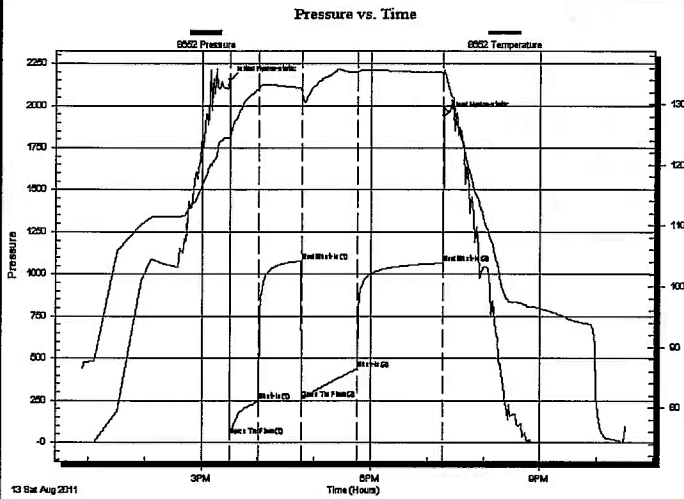
End Time:

22:32:00

Time On Btrr: 2011.08.13 @ 15:30:00

Time Off Btrr: 2011.08.13 @ 19:17:14

TEST COMMENT: IF-BOB in 6min
IS- 1 1/5" in 8 min Died to 1/2"
FF- BOB in 7 1/2min
FS- 3 1/4" in 45 min Died to 2 1/2"



PRESSURE SUMMARY

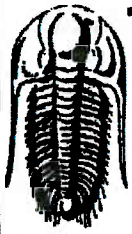
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2153.09	124.43	Initial Hydro-static
1	39.71	123.78	Open To Flow (1)
31	247.90	132.52	Shut-In(1)
76	1077.97	132.73	End Shut-In(1)
77	260.41	131.92	Open To Flow (2)
136	436.44	135.33	Shut-In(2)
227	1065.33	135.21	End Shut-In(2)
228	1940.81	135.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
290.00	GO 30%G 70%o	1.43
375.00	GMO 10%G 40%M 50%o	4.54
470.00	MGO 10%M 30%G 60%O	6.59
	750 GIP	

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FML Natural Resources

Long Family Partners 6A

410 17th ST STE900
Denver CO 80202

20-18-31 Scott,KS

Job Ticket: 43631

DST#: 5

ATTN: Josh Austin

Test Start: 2011.08.13 @ 12:54:05

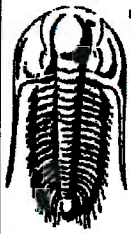
Tool Information

Drill Pipe:	Length: 3922.00 ft	Diameter: 3.80 inches	Volume: 55.02 bbl	Tool Weight: 2000.00 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: 369.00 ft	Diameter: 2.25 inches	Volume: 1.81 bbl	Weight to Pull Loose: 15000.00 lb
			<u>Total Volume: 56.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	4287.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	93.00 ft			
Tool Length:	114.00 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			4267.00	
Shut In Tool	5.00			4272.00	
Hydraulic tool	5.00			4277.00	
Packer	5.00			4282.00	21.00 Bottom Of Top Packer
Packer	5.00			4287.00	
Stubb	1.00			4288.00	
Recorder	0.00	8360	Outside	4288.00	
Recorder	0.00	8652	Inside	4288.00	
Perforations	25.00			4313.00	
Change Over Sub	1.00			4314.00	
Drill Pipe	62.00			4376.00	
Change Over Sub	1.00			4377.00	
Bullnose	3.00			4380.00	93.00 Bottom Packers & Anchor

Total Tool Length: 114.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources

Long Family Partners 6A

410 17th ST STE900
Denver CO 80202

20-18-31 Scott,KS

Job Ticket: 43631

DST#: 5

ATTN: Josh Austin

Test Start: 2011.08.13 @ 12:54:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

27 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.90 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
290.00	GO 30%G 70%o	1.426
375.00	GMO 10%G 40%M 50%o	4.541
470.00	MGO 10%M 30%G 60%O	6.593
	750 GIP	

Total Length: -998864.00 ft Total Volume: 12.560 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

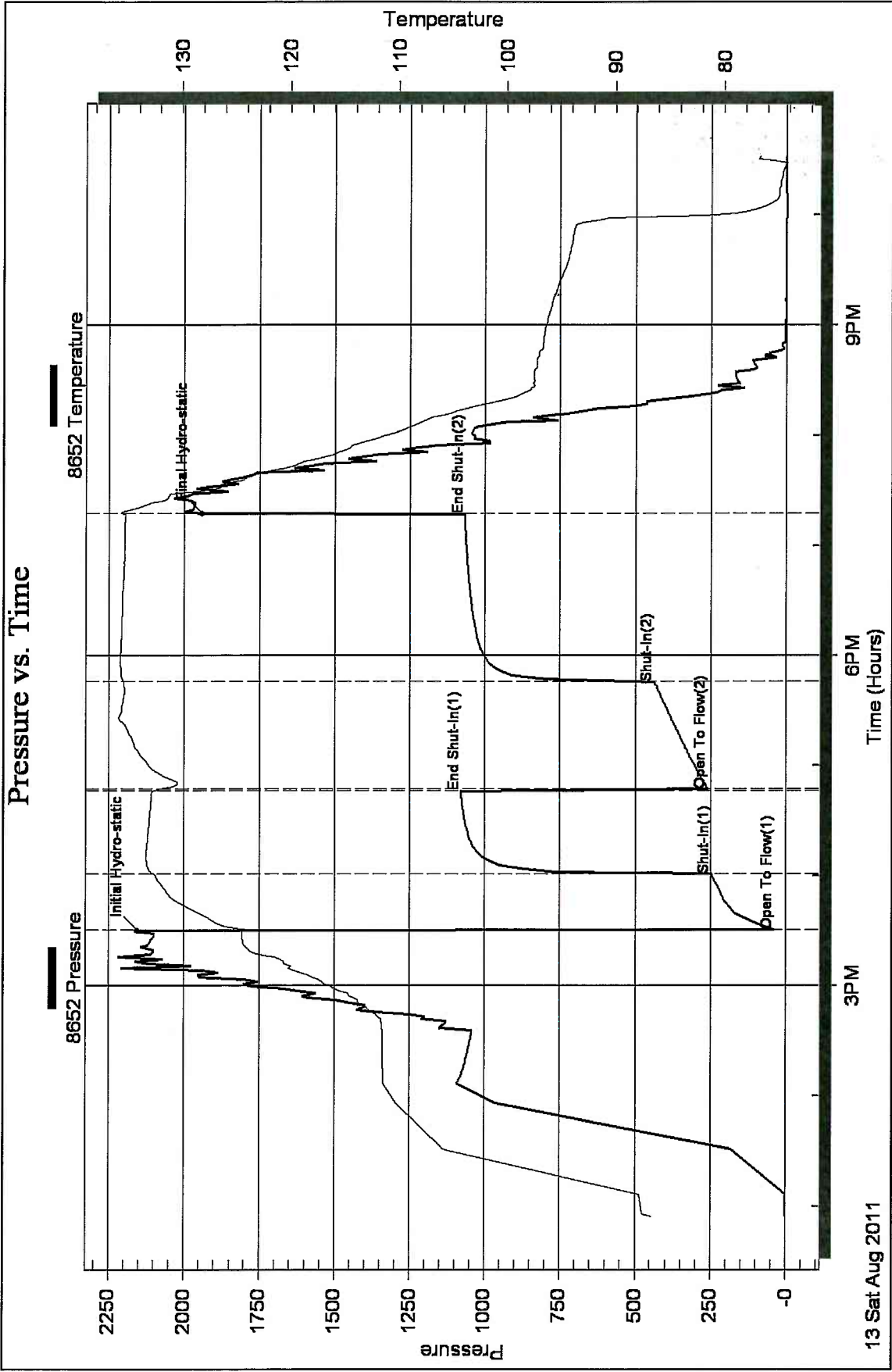
Laboratory Name:

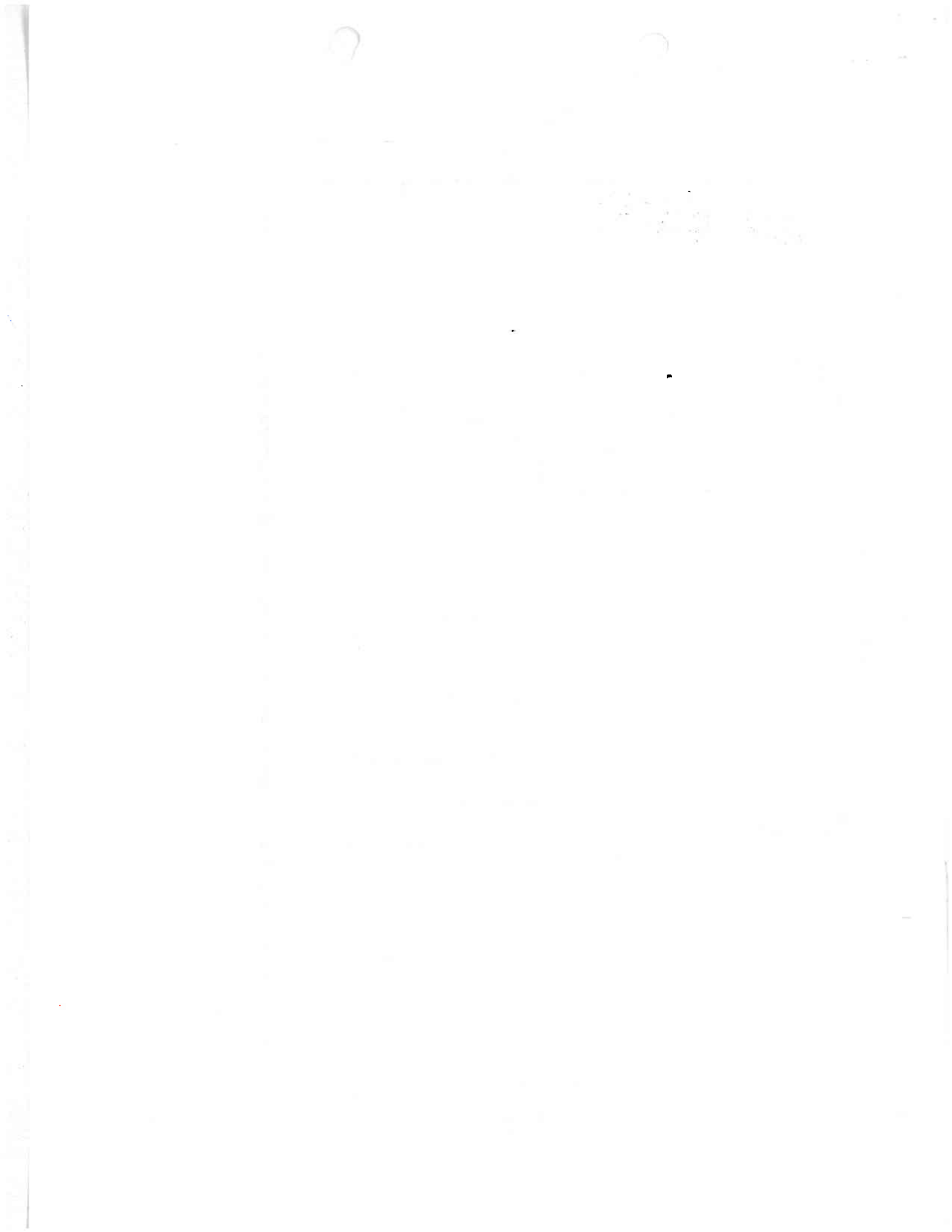
Laboratory Location:

Recovery Comments: API 28 @76 f =27

RW. @ f=

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources**

410 17th ST STE900
Denver CO 80202

ATTN: Josh Austin

20-18-31 Scott,KS

Long Family Partners 6A

Start Date: 2011.08.14 @ 20:43:05

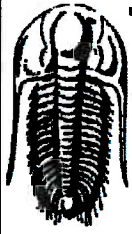
End Date: 2011.08.15 @ 03:17:29

Job Ticket #: 43632 DST #: 6

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FML Natural Resources

410 17th ST STE900
Denver CO 80202

ATTN: Josh Austin

Long Family Partners 6A

20-18-31 Scott,KS

Job Ticket: 43632

DST#: 6

Test Start: 2011.08.14 @ 20:43:05

GENERAL INFORMATION:

Formation: **Mississippi / Sperge**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 22:54:45

Time Test Ended: 03:17:29

Test Type: Conventional Bottom Hole

Tester: Bradely Walter/WMI

Unit No: 40

Interval: **4601.00 ft (KB) To 4618.00 ft (KB) (TVD)**

Total Depth: 4618.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2965.00 ft (KB)

2953.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8652

Inside

Press@RunDepth: 174.64 psig @ 4602.00 ft (KB)

Start Date: 2011.08.14

End Date:

2011.08.15

Capacity: 8000.00 psig

Last Calib.: 2011.08.15

Start Time: 20:43:05

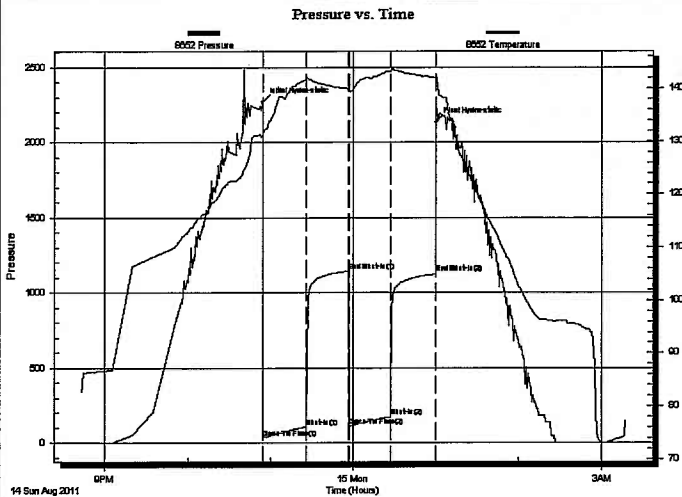
End Time:

03:17:29

Time On Btrm 2011.08.14 @ 22:54:30

Time Off Btrm 2011.08.15 @ 01:00:14

TEST COMMENT: IF- Built to 4 1/2"
IS- No Blow
FF- Built to 2 1/4"
FS- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2272.30	131.51	Initial Hydro-static
1	34.98	130.99	Open To Flow (1)
32	106.42	141.66	Shut-In(1)
62	1143.78	139.89	End Shut-In(1)
63	110.77	139.45	Open To Flow (2)
93	174.64	143.22	Shut-In(2)
126	1132.10	141.90	End Shut-In(2)
126	2136.39	142.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	MCW 10%w 90%r	0.37
280.00	WCM 60%w 40%r	1.38

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources

Long Family Partners 6A

410 17th ST STE900
Denver CO 80202

20-18-31 Scott,KS

Job Ticket: 43632

DST#: 6

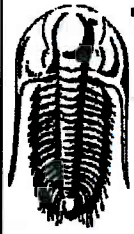
ATTN: Josh Austin

Test Start: 2011.08.14 @ 20:43:05

Tool Information

Drill Pipe:	Length: 4236.00 ft	Diameter: 3.80 inches	Volume: 59.42 bbl	Tool Weight: 2000.00 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: 369.00 ft	Diameter: 2.25 inches	Volume: 1.81 bbl	Weight to Pull Loose: 16000.00 lb
			<u>Total Volume: 61.23 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	4601.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	38.00 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			4581.00	
Shut In Tool	5.00			4586.00	
Hydraulic tool	5.00			4591.00	
Packer	5.00			4596.00	21.00 Bottom Of Top Packer
Packer	5.00			4601.00	
Stubb	1.00			4602.00	
Recorder	0.00	8360	Outside	4602.00	
Recorder	0.00	8652	Inside	4602.00	
Perforations	13.00			4615.00	
Bullnose	3.00			4618.00	17.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources

Long Family Partners 6A

410 17th ST STE900
Denver CO 80202

20-18-31 Scott,KS

Job Ticket: 43632

DST#: 6

ATTN: Josh Austin

Test Start: 2011.08.14 @ 20:43:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 13200 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.76 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 2600.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	MCW 10%w 90%m	0.369
280.00	WCM 60%w 40%m	1.377

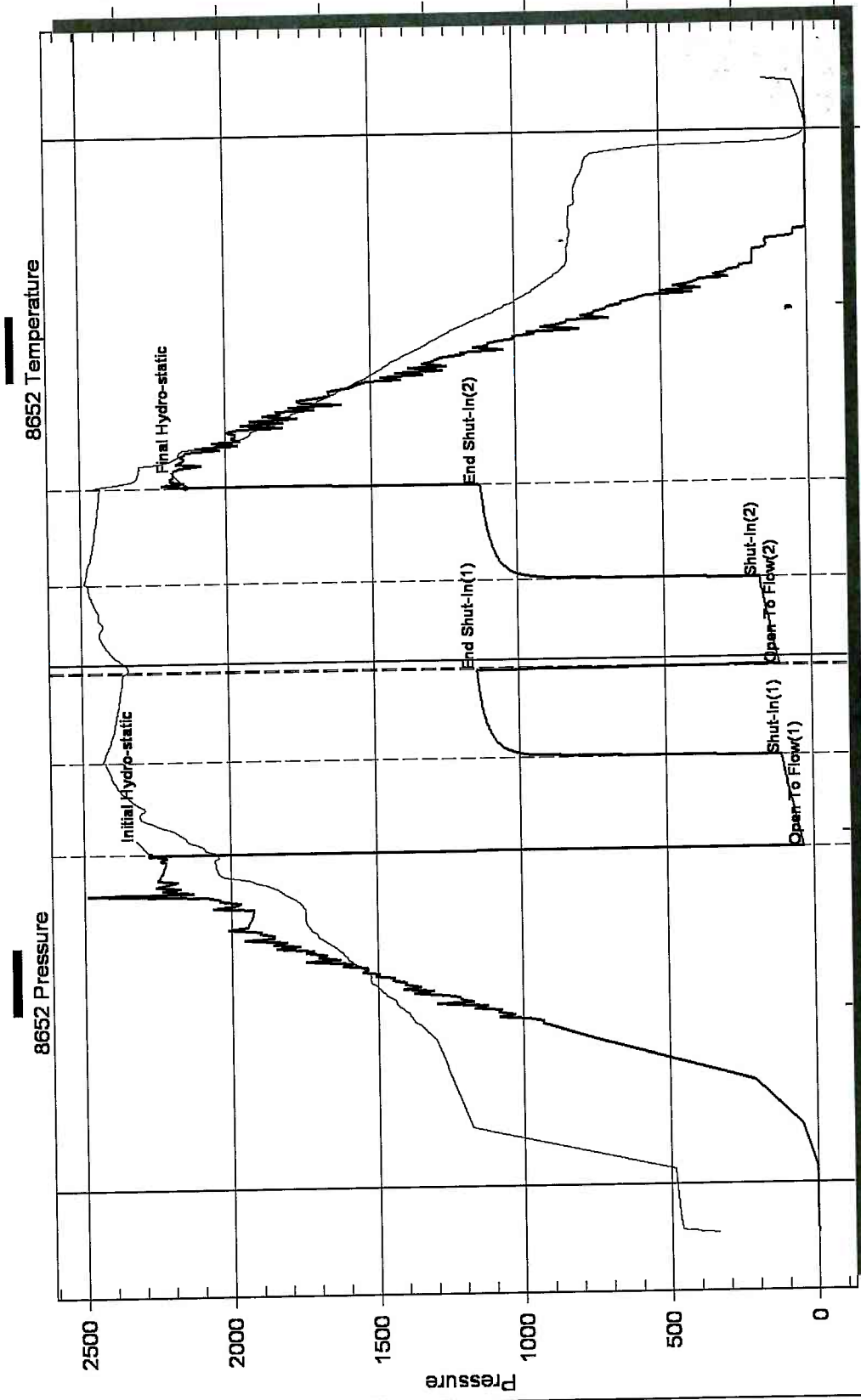
Total Length: 355.00 ft Total Volume: 1.746 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW-410 @ 80f =13200
Oil Spots in Tool

Pressure vs. Time



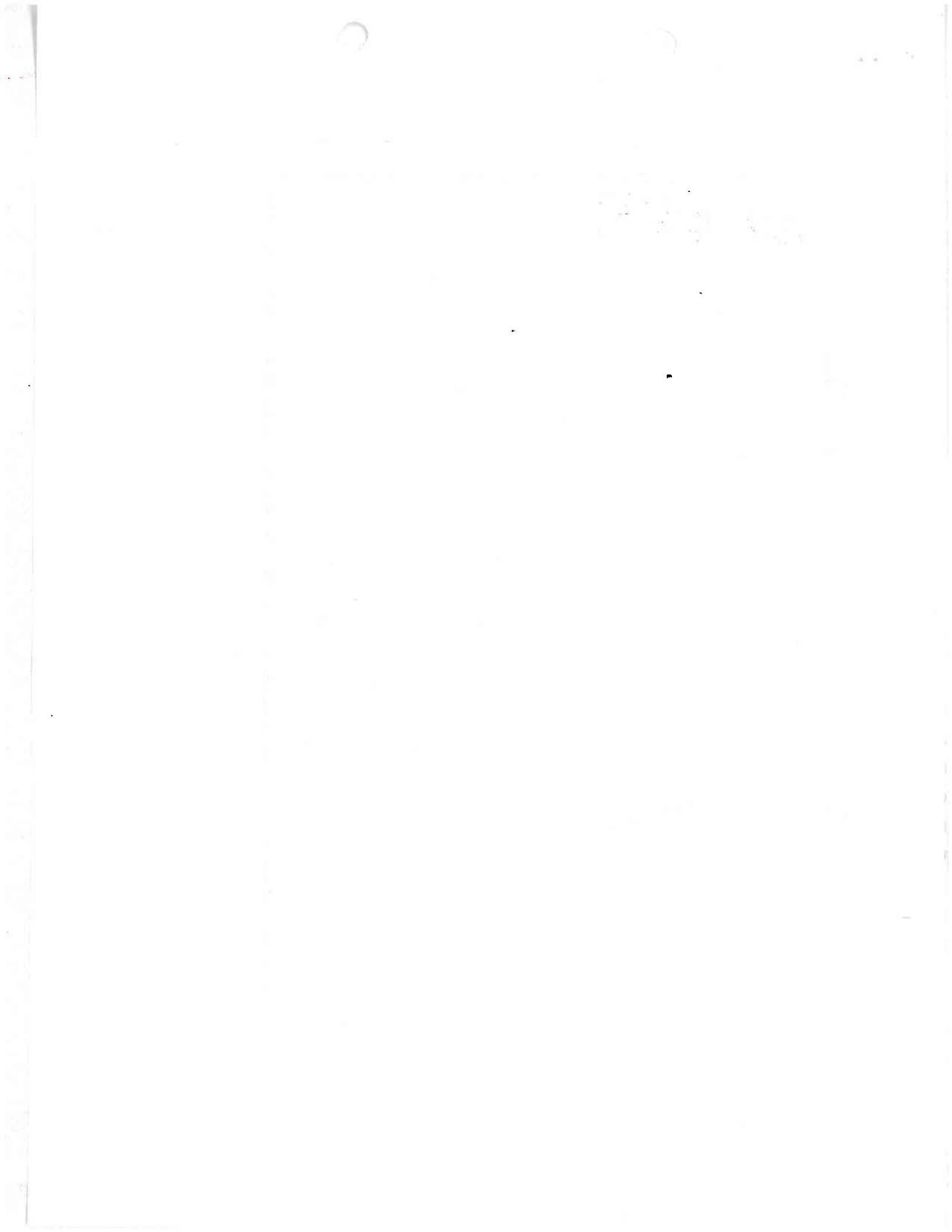
9PM

15 Mon

3AM

Time (Hours)

14 Sun Aug 2011





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
AUG 12 2011

Test Ticket

NO. 43626

Well Name & No. Long Family Partnership 6A Test No. 1 Date 8-10-11
 Company FIML Natural Res Elevation 2965 KB 2953 GL
 Address 410 17th ST, STE 900 Denver Co 80202
 Co. Rep / Geo. Josh Austin Rig H-2 #1
 Location: Sec. 20 Twp. 18 Rge. 31 Co. Scott State KS

Interval Tested 3952-4000 Zone Tested Lansing B-C
 Anchor Length 48 Drill Pipe Run 3580 Mud Wt. 9.0
 Top Packer Depth 3947 Drill Collars Run 369 Vis 48
 Bottom Packer Depth 3952 Wt. Pipe Run 0 WL 7.2
 Total Depth 4000 Chlorides 1000 ppm System LCM 18
 Flow Description IF - BOB in 45 sec
ISI - No Blow
FF - BOB in 4 1/2 min Receded to 7 in
FSI - No Blow

Sec	Feet of	%gas	%oil	%water	%mud
1950					
<u>200</u>	Feet of <u>MCW</u>		<u>60</u>	<u>40</u>	
<u>1950</u>	Feet of <u>MCW</u>		<u>95</u>	<u>5</u>	
	Feet of				
	Feet of				

Sec Total 2150 BHT 129 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

A) Initial Hydrostatic <u>1903</u>	<input checked="" type="checkbox"/> Test <u>1125'</u>	T-On Location <u>10:40</u>
B) First Initial Flow <u>350</u>	<input checked="" type="checkbox"/> Jars <u>250'</u>	T-Started <u>11:52</u>
C) First Final Flow <u>944</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	T-Open <u>13:58</u>
D) Initial Shut-In <u>998</u>	<input checked="" type="checkbox"/> Circ Sub <u>NK</u>	T-Pulled <u>15:21</u>
E) Second Initial Flow <u>949</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>15:21 17:53</u>
F) Second Final Flow <u>1000</u>	<input checked="" type="checkbox"/> Mileage <u>11 RT 15.40</u>	Comments <u>will 6%</u>
G) Final Shut-In <u>1003</u>	<input type="checkbox"/> Sampler _____	<u>WALT 12%</u>
H) Final Hydrostatic <u>1825</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby _____	Total <u>1615.40</u>
	<input checked="" type="checkbox"/> Accessibility <u>150</u>	MP/DST Disc't _____
	Sub Total <u>1465.40</u> <u>1615.40</u>	

Approved By Craig S. [Signature] Our Representative [Signature] Jim Maud

TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
AUG 12 2011

Test Ticket

NO. 43627

Well Name & No. Long Family Partnership 6A Test No. #2 Date 8-11-11
 Company FIML Natural Res Elevation 2965 KB 2953 GL
 Address 410 17th ST, STE 900 Denver Co 80202
 Co. Rep / Geo. Josh Austin Rig H-2 #1
 Location: Sec. 20 Twp. 18 Rge. 31 Co. Scott State KS

Interval Tested 4006 - 4027 Zone Tested Lansing D
 Anchor Length 21 Drill Pipe Run 3641 Mud Wt. 9.0
 Top Packer Depth 4001 Drill Collars Run 369 Vis 48
 Bottom Packer Depth 4006 Wt. Pipe Run 0 WL 7.2
 Total Depth 4027 Chlorides 1000 ppm System LCM 18

Flow Description IF - Weak Surface Blow Dried in 22 min
ISI - No Blow
FE - No Blow
FSI - No Blow

Sec	Feet of	%gas	%oil	%water	%mud
<u>15'</u>	<u>oil spotted mud (OIL SPOTS)</u>	<u>Oil spotted</u>	<u>oil</u>	<u>100</u>	
ec	Feet of	%gas	%oil	%water	%mud
ec	Feet of	%gas	%oil	%water	%mud
ec	Feet of	%gas	%oil	%water	%mud
ec	Feet of	%gas	%oil	%water	%mud

Sec Total _____ BHT 120 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

A) Initial Hydrostatic <u>2008</u>	<input checked="" type="checkbox"/> Test <u>1225.00</u>	T-On Location <u>12:30 am</u>
B) First Initial Flow <u>16</u>	<input checked="" type="checkbox"/> Jars <u>250.00</u>	T-Started <u>2:23 am</u>
C) First Final Flow <u>26</u>	<input checked="" type="checkbox"/> Safety Joint <u>75.00</u>	T-Open <u>4:26 am</u>
D) Initial Shut-In <u>948</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>6:30 am</u>
E) Second Initial Flow <u>27</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>8:26</u>
F) Second Final Flow <u>33</u>	<input checked="" type="checkbox"/> Mileage <u>11 r/A = 15.40</u>	Comments <u>6% WILL</u>
G) Final Shut-In <u>911</u>	<input type="checkbox"/> Sampler _____	<u>12% WALT</u>
H) Final Hydrostatic <u>1897</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1715.40</u>
	<input checked="" type="checkbox"/> Accessibility <u>150.00</u>	MP/DST Disc't _____
	Sub Total <u>1715.40</u>	

Approved By Craig S. [Signature] Our Representative [Signature]

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Handwritten notes at the top of the page, including a date and possibly a name or location.

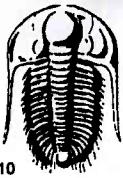
Second section of handwritten notes, appearing to be a list or series of observations.

Third section of handwritten notes, possibly a continuation of the list or observations.

Fourth section of handwritten notes, containing more detailed entries.

Fifth section of handwritten notes, located in the lower half of the page.

Final section of handwritten notes at the bottom of the page, including a signature or date.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
AUG 16 2011

Test Ticket

NO. 43628

Well Name & No. Long Family Partnership Test No. #3 Date 8-11-11
 Company FIML Natural Res Elevation 2965 KB 2953 GL
 Address 410 17th St. STE 900 Denver CO 80202
 Co. Rep / Geo. Josh Austin Rig H-2 #1
 Location: Sec. 20 Twp. 18 Rge. 31 Co. Scott State K5

Interval Tested 4104 - 4175 Zone Tested Lansing - 'G + H'
 Anchor Length 71 Drill Pipe Run 3734 Mud Wt. 9.0
 Top Packer Depth 4099 Drill Collars Run 369 Vis 58
 Bottom Packer Depth 4104 Wt. Pipe Run 0 WL 8.0
 Total Depth 4175 Chlorides 1700 ppm System LCM 16

Flow Description IF - BOB in 9min
ISI - No Blow
EF - BOB in 13min
FBI - No Blow

Sec	Feet of	%gas	%oil	%water	%mud
<u>470</u>	<u>MCW</u>		<u>80</u>	<u>20</u>	
<u>368</u>	<u>MCW</u>	<u>20</u>	<u>60</u>	<u>20</u>	
<u>128</u>	<u>WOCM</u>	<u>30</u>	<u>20</u>	<u>50</u>	
<u>60</u>	<u>Free oil</u>	<u>100</u>			

Sec Total 1026 BHT 132 Gravity 25 API RW 267 @ 75 °F Chlorides 3900 ppm

A) Initial Hydrostatic <u>2042</u>	<input checked="" type="checkbox"/> Test <u>1225</u>	T-On Location <u>7:20 p.m</u>
B) First Initial Flow <u>28</u>	<input type="checkbox"/> Jars	T-Started <u>9:04 pm</u>
C) First Final Flow <u>261</u>	<input type="checkbox"/> Safety Joint	T-Open <u>11:36 p.m</u>
D) Initial Shut-In <u>890</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>3:24 am</u>
E) Second Initial Flow <u>259</u>	<input type="checkbox"/> Hourly Standby <u>1hr 100</u>	T-Out <u>6:17 am</u>
F) Second Final Flow <u>467</u>	<input checked="" type="checkbox"/> Mileage <u>11 RT 15.40</u>	Comments <u>WIL 6%</u>
G) Final Shut-In <u>890</u>	<input type="checkbox"/> Sampler	<u>Welf 12%</u>
H) Final Hydrostatic <u>1948</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input checked="" type="checkbox"/> Ruined Packer <u>260</u>
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>260</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Total <u>1750.40</u>
	<input checked="" type="checkbox"/> Accessibility <u>150</u>	MP/DST Disc't

Approved By Craig S. HPC Sub Total 1490.4
 Our Representative 1340 40/670.20
Will Mad

TriLOBITE TESTING INC. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



Customer Name: [Faint text]
Address: [Faint text]
City: [Faint text]
State: [Faint text]
Zip: [Faint text]

Product Name: [Faint text]
Quantity: [Faint text]
Price: [Faint text]
Total: [Faint text]

Order Number: [Faint text]
Date: [Faint text]
Salesperson: [Faint text]

Comments: [Faint text]

Signature: [Faint signature]
Date: [Faint date]



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
AUG 16 2011

Test Ticket

NO. 43630

Well Name & No. Long Family Partnership Test No. #4 Date 8-12-11
 Company FIML Natural R-s Elevation 2965 KB 2953 GL
 Address 410 17th ST STE 900 Denver CO 80202
 Co. Rep / Geo. Josh Austin Rig H-2 #1
 Location: Sec. 20 Twp. 18 Rge. 31 Co. Scott State KS

Interval Tested 4190-4285 Zone Tested Lansing J+L
 Anchor Length 95 Drill Pipe Run 3830 Mud Wt. 9.1
 Top Packer Depth 4185 Drill Collars Run 369 Vis 65
 Bottom Packer Depth 4190 Wt. Pipe Run 0 WL 8.0
 Total Depth 4285 Chlorides 2600 ppm System LCM 14

Blow Description IF - BOB in 8 min
ISI No Blow
FF - BOB in 10 min
FSI Built to 1 1/2" exceeded to 1 1/4"

Sec	Feet of	%gas	%oil	%water	%mud
<u>194</u>	<u>GO</u>	<u>20</u>	<u>80</u>		
<u>94</u>	<u>GW MCO</u>	<u>10</u>	<u>40</u>	<u>20</u>	<u>30</u>
<u>282</u>	<u>GW OCM</u>	<u>5</u>	<u>30</u>	<u>20</u>	<u>45</u>
<u>380</u>	<u>OMCW</u>		<u>5</u>	<u>75</u>	<u>20</u>
<u>188</u>	<u>GIP</u>				

Rec Total _____ BHT 121 Gravity 30 API RW .182 @ 72 °F Chlorides 39000 ppm
 A) Initial Hydrostatic 2008 2072 Test 1225 T-On Location 5:14 pm
 B) First Initial Flow 17 36 Jars _____ T-Started 6:32 pm
 C) First Final Flow 26 264 Safety Joint _____ T-Open 8:36 pm
 D) Initial Shut-In 948 878 Circ Sub N/C T-Pulled 11:43 pm
 E) Second Initial Flow 27 271 Hourly Standby _____ T-Out 2:28 Am
 F) Second Final Flow 33 415 Mileage 11 R/T 15.40 Comments Will 6%
 G) Final Shut-In 911 868 Sampler _____ Oil Apt wait 12%
 H) Final Hydrostatic 1897 1962 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

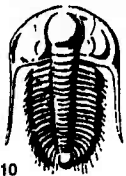
Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Recorder _____ Sub Total 0
 Final Flow 45 Day Standby _____ Total 1240.40
 Final Shut-In 60 Accessibility 150 MP/DST Disc't _____
 Approved By [Signature] Sub Total 1390.40
1240.40 620.26 Our Representative [Signature] Wm Madd

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



No.	Description	Unit	Value	Remarks
1
2
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48
49
50

Signature: _____
 Signature: _____
 Signature: _____



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
AUG 16 2011

Test Ticket

NO. 43631

Well Name & No. Long Family Partnership 6A Test No. #5 Date 8-13-11
 Company FIML Natural Res Elevation 2965 KB 2953 GL
 Address 410 17th ST STE 900 Denver CO 80202
 Co. Rep / Geo. Josh Austin Rig N-2 #1
 Location: Sec. 20 Twp. 18 Rge. 31 Co. Scott State KS

Interval Tested 4287 - 4380 Zone Tested Marmaton - Altamont A-C
 Anchor Length 93 Drill Pipe Run 3922 Mud Wt. 9.2
 Top Packer Depth 4282 Drill Collars Run 369 Vis 60
 Bottom Packer Depth 4287 Wt. Pipe Run 0 WL 80
 Total Depth 4380 Chlorides 2600 ppm System LCM 14

Flow Description IF - B:013 in 6 min
IST - 1 1/2" in 8 min died to 1/2"
FF - B:013 in 7 1/2 min
FSI - 3 1/4" in 45 min Died to 2 1/2"

Sec	Feet of	%gas	%oil	%water	%mud
<u>290</u>	<u>6-0</u>	<u>30</u>	<u>70</u>		
<u>375</u>	<u>6-10</u>	<u>10</u>	<u>50</u>	<u>40</u>	
<u>470</u>	<u>16-0</u>	<u>30</u>	<u>60</u>	<u>10</u>	
	<u>750 GIP</u>				

Rec Total 1135 BHT 135 Gravity 27 API RW 28 @ 76 °F Chlorides _____ ppm

- A) Initial Hydrostatic 2153
- B) First Initial Flow 39
- C) First Final Flow 247
- D) Initial Shut-In 1077
- E) Second Initial Flow 260
- F) Second Final Flow 436
- G) Final Shut-In 1065
- H) Final Hydrostatic 1940

- Test 1225
- Jars _____
- Safety Joint _____
- Circ Sub N/C
- Hourly Standby 1/4 hr 25
- Mileage 11 RT 15.40
- Sampler _____
- Straddle _____
- Shale Packer _____
- Extra Packer _____
- Extra Recorder _____
- Day Standby _____
- Accessibility 150
- Sub Total 1415.40

T-On Location 12:17 pm
 T-Started 12:54 p.m
 T-Open 3:00 pm
 T-Pulled 7:16 pm
 T-Out 10:32 pm
 Comments well 6%
Walt 12%

Initial Open 30
 Initial Shut-In 45
 Final Flow 60
 Final Shut-In 90

Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 8
 Total 1415.40
 MP/DST Disc't _____

Approved By [Signature]

Our Representative [Signature]
 126540 632.70

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TRIOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
AUG 16 2011

Test Ticket

NO. 43632

Well Name & No. Long Family Partnership 6A Test No. #6 Date 8-14-11
 Company FIML Natural Res Elevation 2965 KB 2953 GL
 Address 410 17th ST STE 900 Denver CO 80202
 Co. Rep / Geo. Josh Austin Rig H-2#1
 Location: Sec. 20 Twp. 18 Rge. 31 Co. Scott State KS

Interval Tested 4601 - 4618 Zone Tested Mississippi/Spergen
 Anchor Length 17 Drill Pipe Run 4236 Mud Wt. 9.4
 Top Packer Depth 4596 Drill Collars Run 369 Vis 58
 Bottom Packer Depth 4601 Wt. Pipe Run 0 WL 8.8
 Total Depth 4618 Chlorides 2600 ppm System LCM 816

Blow Description IF - Built to 4 1/2 in.
ISI - No Blow
EF - Built to 2 1/4 in
FJI No Blow

Sec	Feet of	%gas	%oil	%water	%mud
<u>280</u>	<u>Feet of WCM</u>		<u>60</u>	<u>40</u>	
<u>75</u>	<u>Feet of MCW (oil spots in tool)</u>		<u>10</u>	<u>90</u>	
	Feet of	%gas	%oil	%water	%mud
	Feet of	%gas	%oil	%water	%mud
	Feet of	%gas	%oil	%water	%mud

Rec Total 355 BHT 141 Gravity API RW 410 @ 60 °F Chlorides 13200 ppm
 A) Initial Hydrostatic 2272 Test 1225- T-On Location 7:28 pm
 B) First Initial Flow 34 Jars _____ T-Started 8:43 pm
 C) First Final Flow 106 Safety Joint _____ T-Open 10:54 pm
 D) Initial Shut-In 1143 Circ Sub N/C T-Pulled 12:59 pm
 E) Second Initial Flow 110 Hourly Standby _____ T-Out 3:17 am
 F) Second Final Flow 174 Mileage 11 R/T 15.40 Comments W.11 6%
 G) Final Shut-In 1132 Sampler _____ W.12 12%
 H) Final Hydrostatic 2136 Straddle _____ Ruined Shale Packer
 Shale Packer _____ Ruined Packer
 Extra Packer _____ Extra Copies
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1390.40
 Accessibility 150- MP/DST Disc't _____
 Sub Total 1390.40

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30

Approved By [Signature]
 Our Representative [Signature]

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Test Ticket

NO 13807

TESTING AND
AIR ORBIT



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PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887
Fax: (785) 483-5566



INVOICE

Invoice Number: 128206

Invoice Date: Aug 7, 2011

Page: 1

Federal Tax I.D.#: 20-5975804

Bill To:
FIML Natural Resources LLC
410 17th St., Suite 900
Denver, CO 80202

Customer ID	Well Name/# or Customer P.O.	Payment Terms
FIML	LongFamilyP16A201831	Net 30 Days
Job Location	Camp Location	Service Date
KS1-01	Oakley	Aug 7, 2011
		Due Date
		9/6/11

Quantity	Item	Description	Unit Price	Amount
240.00	MAT	Class A Common	16.25	3,900.00
5.00	MAT	Gel	21.25	106.25
9.00	MAT	Chloride	58.20	523.80
60.00	MAT	Flo Seal	2.70	162.00
256.00	SER	Handling	2.25	576.00
55.00	SER	Mileage	28.16	1,548.80
1.00	SER	Surface	1,125.00	1,125.00
75.00	SER	Extra Footage	0.95	71.25
110.00	SER	Heavy Vehicle Mileage	7.00	770.00
1.00	SER	Manifold Head Rental	200.00	200.00
110.00	SER	Light Vehicle Mileage	4.00	440.00
3.00	EQP	8 5/8 Centralizers	64.00	192.00
1.00	EQP	8 5/8 Fiber Baffle Plate	175.00	175.00
1.00	EQP	8 5/8 Top Rubber Plug	112.00	112.00
1.00	CEMENTER	LaRene Wentz		
1.00	EQUIP OPER	Darren Racette		
1.00	OPER ASSIST	Chris Helpingstine		

Dillon

Subtotal	9,902.10
Sales Tax	377.49
Total Invoice Amount	10,279.59
Payment/Credit Applied	
TOTAL	10,279.59

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 112% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ **1980.42**

ONLY IF PAID ON OR BEFORE
Sep 1, 2011

8100.145
Adrian Q. B
\$8299.11

ALLIED CEMENTING CO., LLC. 043379

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Osage, KS

DATE <u>8-7-11</u>	SEC <u>30</u>	TWP <u>18</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Mokan 1 well #S30-1831</u>						COUNTY <u>Scott</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)							

CONTRACTOR Hq Rigs #1 OWNER same

TYPE OF JOB <u>Surface</u>	T.D. <u>3821</u>	CEMENT AMOUNT ORDERED <u>240 STB</u>	<u>16.25</u>	<u>3900.00</u>
HOLE SIZE <u>18 3/8"</u>	DEPTH <u>3754'</u>	POZ MIX <u>55A @ 21.35</u>	<u>106.35</u>	
CASING SIZE <u>8 3/8"</u>	DEPTH	GEL <u>55A @ 58.30</u>	<u>543.80</u>	
TUBING SIZE	DEPTH	CHLORIDE		
DRILL PIPE	DEPTH	ASC		
TOOL	DEPTH	COMMON <u>240 STB @ 16.25</u>	<u>3900.00</u>	
PRES. MAX	MINIMUM			
MEAS. LINE	SHOE JOINT <u>42.39</u>			
CEMENT LEFT IN CSG. <u>42.39</u>				
PERFS				
DISPLACEMENT <u>21.49 661</u>	EQUIPMENT			

PUMP TRUCK # <u>431</u>	CEMENTER <u>Jarone</u>	HANDLING <u>236.50 @ 2.25</u>	<u>526.00</u>
BULK TRUCK # <u>347</u>	DRIVER <u>Chris</u>	MILEAGE <u>1/2 mile</u>	<u>1548.80</u>
BULK TRUCK #	DRIVER	TOTAL	<u>6816.85</u>

REMARKS:

MIX 240 STB down 8 3/8 casing
Displace with water

DEPTH OF JOB <u>3754'</u>	PUMP TRUCK CHARGE <u>75</u>	EXTRA FOOTAGE <u>55X2</u>	MILEAGE <u>4.00</u>	MANIFOLD <u>4.00</u>	Light Well Meterage @

CHARGE TO: EMC TOTAL 2616.25

STREET _____ STATE _____ ZIP _____
CITY _____ PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

Sub (3) Centralizers @ 64.00 192.00
 (1) fiber bottle plate @ 173.00 173.00
 (1) top rubber plug @ 112.00 112.00

PRINTED NAME Craig Hopp SALES TAX (if Any) _____ TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Craig Hopp



CEMENTING CO., LLC
Cementing & Acidizing Services

PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887
Fax: (785) 483-5566



INVOICE

Invoice Number: 128245

Invoice Date: Aug 16, 2011

Page: 1

Federal Tax I.D.#: 20-5975804

Bill To:
FIML Natural Resources LLC
410 17th St, Suite 900
Denver, CO 80202

Customer ID	FIML	Well Name# or Customer P.O.	LongfampPartners#6-A-20-1831	Payment Terms	Net 30 Days
Job Location	KS1-02	Camp Location	Oakley	Service Date	Aug 16, 2011
				Due Date	9/15/11

Quantity	Item	Description	Unit Price	Amount
5.00	MAT	Gel	21.25	106.25
275.00	MAT	ASC Class A	19.00	5,225.00
26.00	MAT	Salt	23.95	622.70
1,375.00	MAT	Gilsonite	0.89	1,223.75
69.00	MAT	Flo Seal	2.70	186.30
500.00	MAT	WFR-2	1.27	635.00
353.00	SER	Handling	2.25	794.25
55.00	SER	Mileage 353 sx @ .11 per sk per mi	38.83	2,135.65
1.00	SER	Production String - Bottom Stage	2,405.00	2,405.00
110.00	SER	Pump Truck Mileage	7.00	770.00
1.00	SER	Manifold & Head Rental	200.00	200.00
110.00	SER	Light Vehicle Mileage	4.00	440.00
1.00	EQP	5.5 D V Tool	3,721.00	3,721.00
1.00	EQP	5.5 Sure Seal Float Collar	620.00	620.00
1.00	EQP	Sure Seal Float Shoe	520.00	520.00
2.00	EQP	5.5 Basket	337.00	674.00
25.00	EQP	5.5 Centralizer	49.00	1,225.00
1.00	EQP	5.5 Lock Ring	42.00	42.00
1.00	CEMENTER	Alan Ryan		
1.00	EQUIP OPER	Wayne McGhghy		
1.00	OPER ASSIST	Ethan Glassman		

Subtotal	21,545.90
Sales Tax	1,080.47
Total Invoice Amount	22,626.37
Payment/Credit Applied	
TOTAL	22,626.37

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1.12% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 4309.18

ONLY IF PAID ON OR BEFORE
Sep 10, 2011

FIML - Gary Duke

4309.18

18317.19

8200-118
D11102

ALLIED CEMENTING CO., LLC.

040014

REMIT TO PO BOX 31
RUSSELL, KANSAS 67665

Federal Tax I.D.# 20-5975804

SERVICE POINT:

Bankley KS

DATE <u>8/16/11</u>	SEC <u>00</u>	TWP <u>18</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Long Pumphouse</u>	WELL # <u>6-19</u>	LOCATION <u>Scott City E 2 1/4 miles</u>	COUNTY <u>Scott</u>	STATE <u>KS</u>		<u>11:00am</u>	<u>12:00pm</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR 42 "Bottom stages"
 TYPE OF JOB Production
 HOLE SIZE 7 1/2 T.D.
 CASING SIZE 5 1/2 DEPTH 4708
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL D.V. DEPTH 3010
 PRES. MAX MINIMUM
 MEAS LINE SHOE JOINT 19488
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 41 H2O 23 Reg Mud
 EQUIPMENT

OWNER Some
 CEMENT AMOUNT ORDERED 225 SK ASC 1090 SBT
500gal WFR 07 II
 COMMON @
 POZMIX @ 21 25 106 25
 GEL @
 CHLORIDE @
 ASC 225 SK, @ 19 20 5225 00
Salt 240 @ 23 95 622 20
Cementite 1375 lb @ 089 1223 25
E10 Seal 6910 @ 2 20 186 30
WFR II 500gal @ 1 27 635 00
 HANDLING 353 SK, @ 2 25 2015 65
 MILEAGE/14 SK/mile @
 TOTAL 10918 90

REMARKS:
Run by simulator, max WFR II, Max 225 SK ASC
no salt added with 5th cement, replace pump tool/41 H2O
to 73 H2O Reg Mud (1800 PSI) 1977
opening tool, ops tool @ 800 PSI, Cement pump 41 H2O,
 DEPTH OF JOB _____ SERVICE _____
 EXTRA FOOTAGE @ _____
 MILEAGE 55 x 2 @ 2 00 220 00
 MANIFOLD ohhead @ _____ 200 00
 air vehicle 55 x 2 @ 4 00 440 00
 TOTAL 385 00

CHARGE TO: EMK TOTAL 385 00
 STREET _____
 CITY _____ STATE _____ ZIP _____
 PLUG & FLOAT EQUIPMENT
OV Tool -1 @ 322 00 322 00
Show Seal Float Collar -1 @ 620 00 620 00
Reg Seal Float Sleeve -1 @ 520 00 520 00
Block @ 387 00 634 00
Conductivity -25 @ 49 00 1225 00
cell key @ 42 00 42 00
 TOTAL 6802 00

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cement and helpers(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Gary Dale
 SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS
 SIGNATURE *Gary Dale*



PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887
Fax: (785) 483-5566



INVOICE
Invoice Number: 128246
Invoice Date: Aug 16, 2011
Page: 1

Bill To:
FIML Natural Resources LLC
410 17th St., Suite 900
Denver, CO 80202

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms
FIML	LongFamPartner#6-A-20-1831	Net 30 Days
Job Location	Camp Location	Service Date
KS1-02	Oakley	Aug 16, 2011
		Due Date
		9/15/11

Quantity	Item	Description	Unit Price	Amount
465.00	MAT	ALW	14.50	6,742.50
116.00	MAT	Fio Seal	2.70	313.20
2,325.00	MAT	Gilsonite	0.89	2,069.25
549.00	SER	Handling	2.25	1,235.25
55.00	SER	Mileage 549 sx @ .11 per sk per mi	60.39	3,321.45
1.00	SER	Production String - Top Stage	2,125.00	2,125.00
1.00	CEMENTER	Alan Ryan		
1.00	EQUIP OPER	Wayne McChghy		
1.00	OPER ASSIST	Ethan Glassman		

8200-118
Blum-D. B.
D11102

Subtotal	15,806.65
Sales Tax	666.12
Total Invoice Amount	16,472.77
Payment/Credit Applied	
TOTAL	16,472.77

ALL PRICES ARE NET. PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 11/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 3161.33

ONLY IF PAID ON OR BEFORE
Sep 10, 2011

3161.33 ✓
13311.44

ALLIED CEMENTING CO., LLC. 040015

Federal Tax I.D.# 20-5975804

REMIT TO PO BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Oakley, KS

DATE	SEC.	TWP	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
8/16/14	20	18	31			9:15 AM	5:00 PM
LEASE	WELL					COUNTY	STATE
<i>Wagon Family Farm</i>	<i>67A</i>					<i>Scott</i>	<i>KS</i>
LOCATION <i>Scott City 2 1/2 E S20</i>							
OLD OR NEW (Circle one)							

CONTRACTOR *H2* OWNER *Small*

TYPE OF JOB *Production* TD. *700-575 ft*

HOLE SIZE *2 1/8* 15ft/10 DEPTH *4798*

CASING SIZE *5 1/2* DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH *2016*

TOOL *DL* DEPTH/MINIMUM _____

PRES. MAX _____ SHOE JOINT *19-88 FT*

MEAS. LINE _____

CEMENT LEFT IN CSG. *19-88*

PERFS. _____

DISPLACEMENT *72-0*

EQUIPMENT _____

CEMENT AMOUNT ORDERED *465 SK, ALL*

1116 Pile sand

COMMON @ _____

POZMIX @ _____

GEL @ _____

CHLORIDE @ _____

ASC @ _____

ALL 465 SK @ *14* *6942.50*

Pile sand 116 lb @ *2* *313.20*

Aggregate 2325 lb @ *1.89* *2069.25*

HANDLING *549 SK* @ *2.25* *1235.25*

MILEAGE *114 SK/mile* @ _____

TOTAL _____

REMARKS:

NO JOB COST WITH 30 SKS RT. MAY 415 SK, PUMP 5 1/2" WASH TRUCK. CEMENT DISPLACEMENT 7200 LB / SW-250 P5T LIST. SAND Pkg. @ 1800 P5T, 7001 Bid. Close.

Cost Calculator when starting displacement

Thank you, Ryan, Ethan

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE	@	<i>2135.00</i>
EXTRA FOOTAGE	@	
MILEAGE	@	<i>NA</i>
MANIFOLD	@	<i>NA</i>
	@	
TOTAL		<i>2135.00</i>

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		

CHARGE TO: *ETML*

STREET _____ STATE _____ ZIP _____

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME

Gary D. ...

SALES TAX (if Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE

Gary D. ...



24 S. Lincoln Street
P.O. Box 31
Russell, KS 67665-2906

Voice: (817) 546-7282
Fax: (817) 246-3361

Bill To:
FIML Natural Resources LLC
410 17th St, Suite 900
Denver, CO 80202

E.L. Abernombie



INVOICE
Invoice Number: 128620
Invoice Date: Sep 13, 2011
Page: 1

Federal Tax I.D.#: 20-5975804

2347

Customer ID	FIML	Well Name# of Customer P.O.	Long FanPart6A201831	Payment Terms	Net 30 Days
Job Location	KS1-05	Camp Location	Oakley	Service Date	Sep 13, 2011
				Due Date	10/13/11

Quantity	Item	Description	Unit Price	Amount
30.00	MAT	Class A Common	16.25	487.50
1.00	MAT	Chloride	58.20	58.20
180.00	MAT	Class A Lightweight	14.50	2,610.00
45.00	MAT	Flo Seal	2.70	121.50
255.00	SER	Handling	2.25	573.75
55.00	SER	Mileage	28.05	1,542.75
1.00	SER	Circulate & Squeeze	1,125.00	1,125.00
525.00	SER	Extra Footage	0.95	498.75
110.00	SER	Heavy Vehicle Mileage	7.00	770.00
1.00	SER	Manifold Head Rental	200.00	200.00
110.00	SER	Light Vehicle Mileage	4.00	440.00
1.00	CEMENTER	Terry Heinrich		
1.00	EQUIP OPER	Jerry Yates		
1.00	OPER ASSIST	Chrs Helpingstine		

Eddie Sura
8200-118
ID 11102

Subtotal	8,427.45
Sales Tax	239.24
Total Invoice Amount	8,666.69
Payment/Credit Applied	
TOTAL	8,666.69

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 11/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ *1685.49*

ONLY IF PAID ON OR BEFORE
Oct 8, 2011

-1685.49
6981.20

2593

ALLIED CEMENTING CO., LLC.

Federal Tax I.D.# 20-5975804 039863

REMIT TO P.O. BOX 31
 RUSSELL, KANSAS 67665

SERVICE POINT:
OKLEY

DATE <u>9-13-11</u>	SEC. <u>20</u>	TWP. <u>18S</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION <u>1:30 PM</u>	JOB START <u>3:30 PM</u>	JOB FINISH <u>4:00 PM</u>
LEASE <u>PROPERTY</u>	WELL # <u>6A-20-1831</u>			CITY <u>OKLEY</u>	COUNTY <u>WABASH</u>	STATE <u>KS</u>	
OLD OR NEW (circle one)				LOCATION <u>STOCK #</u>			

CONTRACTOR Chesapeake Well Services OWNER SAME
 TYPE OF JOB CREATING & SQUEZZE

HOLE SIZE	T.D.	CEMENT
CASING SIZE <u>5 1/2</u>	DEPTH <u>825'</u>	AMOUNT ORDERED <u>30 SKS COM 28 CC</u>
TUBING SIZE	DEPTH	<u>200 SKS LEFT 1/2 P.O. STAY</u>
DRILL PIPE	DEPTH	<u>488 180 SKS LEFT 1/2 P.O. STAY 300 SKS COM 28 CC</u>
TOOL	DEPTH	
PRES. MAX	MINIMUM	COMMON <u>30 SKS @ 16.25 487.50</u>
MEAS. LINE	SHOE JOINT	POZ MIX @
CEMENT LEFT IN CSG.		GEL @
PERFS.		CHLORIDE <u>1 SK @ 58.20 58.20</u>
DISPLACEMENT	<u>825'</u>	ASC @
	<u>19 886</u>	<u>LEFT 180 SKS @ 14.50 2610.00</u>
	EQUIPMENT	

PUMP TRUCK	CEMENTER	<u>TEARX</u>
# <u>386 + 281</u>	HELPER	<u>JEARY</u>
BULK TRUCK	DRIVER	<u>CHIES</u>
# <u>373</u>		
BULK TRUCK	DRIVER	
#		

REMARKS:
 HANDLING 255 SKS @ 2.25 573.75
 MILEAGE 114 PER SK / MILE 1542.25
 TOTAL 5393.20

DEPTH OF JOB	<u>825'</u>
PUMP TRUCK CHARGE	<u>1125.00</u>
EXTRA FOOTAGE	<u>525 @ 1.95 998.25</u>
MIL BAGE	<u>55X 2 @ 7.24 770.20</u>
MANIFOLD + HSEAN	<u>200 @ 2.00 400.00</u>
LIGHT BELTACK 55X 2	<u>4 @ 4.20 440.00</u>
TOTAL	<u>3033.25</u>

CHARGE TO: FINL
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

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 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME EL Aberornbia
 SIGNATURE E Aberornbia

SALES TAX (if Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS