



**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: \_\_\_\_\_



1047839

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
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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				

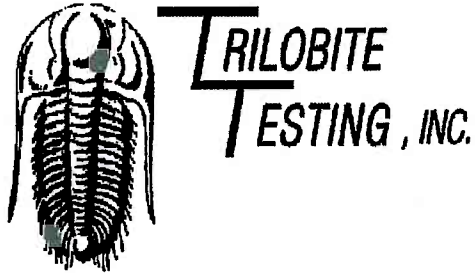
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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## DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources, LLC**

410 17th ST Ste 900  
Denver, CO 80202

ATTN: Josh Austin/Gary Doke

**21-18s-31w Scott**

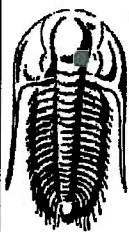
**Grube 13A-21-1831**

Start Date: 2010.08.14 @ 01:24:15

End Date: 2010.08.14 @ 08:49:45

Job Ticket #: 39645                      DST #: 1

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, LLC

**Grube 13A-21-1831**

410 17th ST Ste 900  
Denver, CO 80202

**21-18s-31w Scott**

Job Ticket: 39645

DST#: 1

ATTN: Josh Austin/Gary Doke Denver, CO 80202

Test Start: 2010.08.14 @ 01:24:15

## GENERAL INFORMATION:

Formation: **Lans G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:21:15

Time Test Ended: 08:49:45

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 48

Interval: **4093.00 ft (KB) To 4140.00 ft (KB) (TVD)**

Reference Elevations: 2963.00 ft (KB)

Total Depth: 4140.00 ft (KB) (TVD)

2951.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

**Serial #: 8166**

Inside

Press@RunDepth: 732.29 psig @ 4094.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.08.14

End Date: 2010.08.14

Last Calib.: 2010.08.14

Start Time: 01:24:15

End Time: 08:49:45

Time On Btm: 2010.08.14 @ 03:21:00

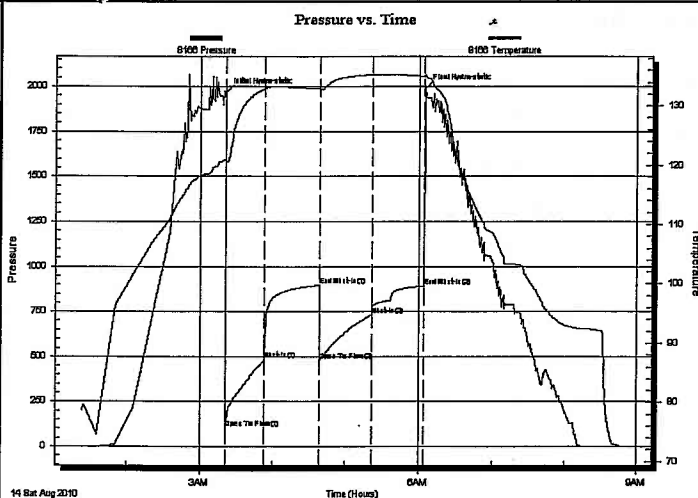
Time Off Btm: 2010.08.14 @ 06:05:00

TEST COMMENT: IF: BOB in 2 1/2 mins.

IS: No return.

FF: BOB in 4 mins.

FS: No return.



## PRESSURE SUMMARY

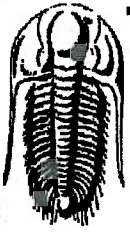
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1965.72	120.97	Initial Hydro-static
1	103.88	120.35	Open To Flow (1)
33	482.65	132.89	Shut-In(1)
78	894.45	132.91	End Shut-In(1)
78	479.32	132.77	Open To Flow (2)
121	732.29	135.21	Shut-In(2)
164	891.92	134.93	End Shut-In(2)
164	1990.94	135.20	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	M 100% m	0.15
1335.00	SMCW 95% w 5% m	16.81
310.00	O&MCW 10% o 50% w 40% m	4.35
30.00	SWCO 95% o 5% w	0.42
0.00	API = 27@70F = 26 corrected	0.00
0.00	RVW = .192@70F = 39000 ppm	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

FIML Natural Resources, LLC

**Grube 13A-21-1831**

410 17th ST Ste 900  
Denver, CO 80202

**21-18s-31w Scott**

Job Ticket: 39645

**DST#: 1**

ATTN: Josh Austin/Gary Doke Denver, CO 80202

Test Start: 2010.08.14 @ 01:24:15

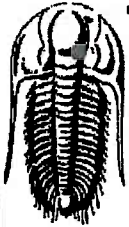
### Tool Information

Drill Pipe:	Length: 3862.00 ft	Diameter: 3.80 inches	Volume: 54.17 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 55.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4093.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	67.00 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			4074.00	
Shut In Tool	5.00			4079.00	
Hydraulic tool	5.00			4084.00	
Packer	5.00			4089.00	20.00 Bottom Of Top Packer
Packer	4.00			4093.00	
Stubb	1.00			4094.00	
Recorder	0.00	8322	Inside	4094.00	
Recorder	0.00	8166	Inside	4094.00	
Perforations	10.00			4104.00	
Change Over Sub	1.00			4105.00	
Drill Pipe	31.00			4136.00	
Change Over Sub	1.00			4137.00	
Bullnose	3.00			4140.00	47.00 Bottom Packers & Anchor

**Total Tool Length: 67.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

FIML Natural Resources, LLC

**Grube 13A-21-1831**

410 17th ST Ste 900  
Denver, CO 80202

**21-18s-31w Scott**

Job Ticket: 39645

**DST#: 1**

ATTN: Josh Austin/Gary Doke Denver, CO 80202

Test Start: 2010.08.14 @ 01:24:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

26 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

39000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.15 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	M 100%m	0.148
1335.00	SMCW 95%w 5%m	16.814
310.00	O&MCW 10%o 50%w 40%m	4.348
30.00	SWCO 95%o 5%w	0.421
0.00	API = 27@70F = 26 corrected	0.000
0.00	RW = .192@70F = 39000 ppm	0.000
0.00	GIP = 0	0.000

Total Length: 1705.00 ft      Total Volume: 21.731 bbl      \*

Num Fluid Samples: 0

Num Gas Bombs: 0

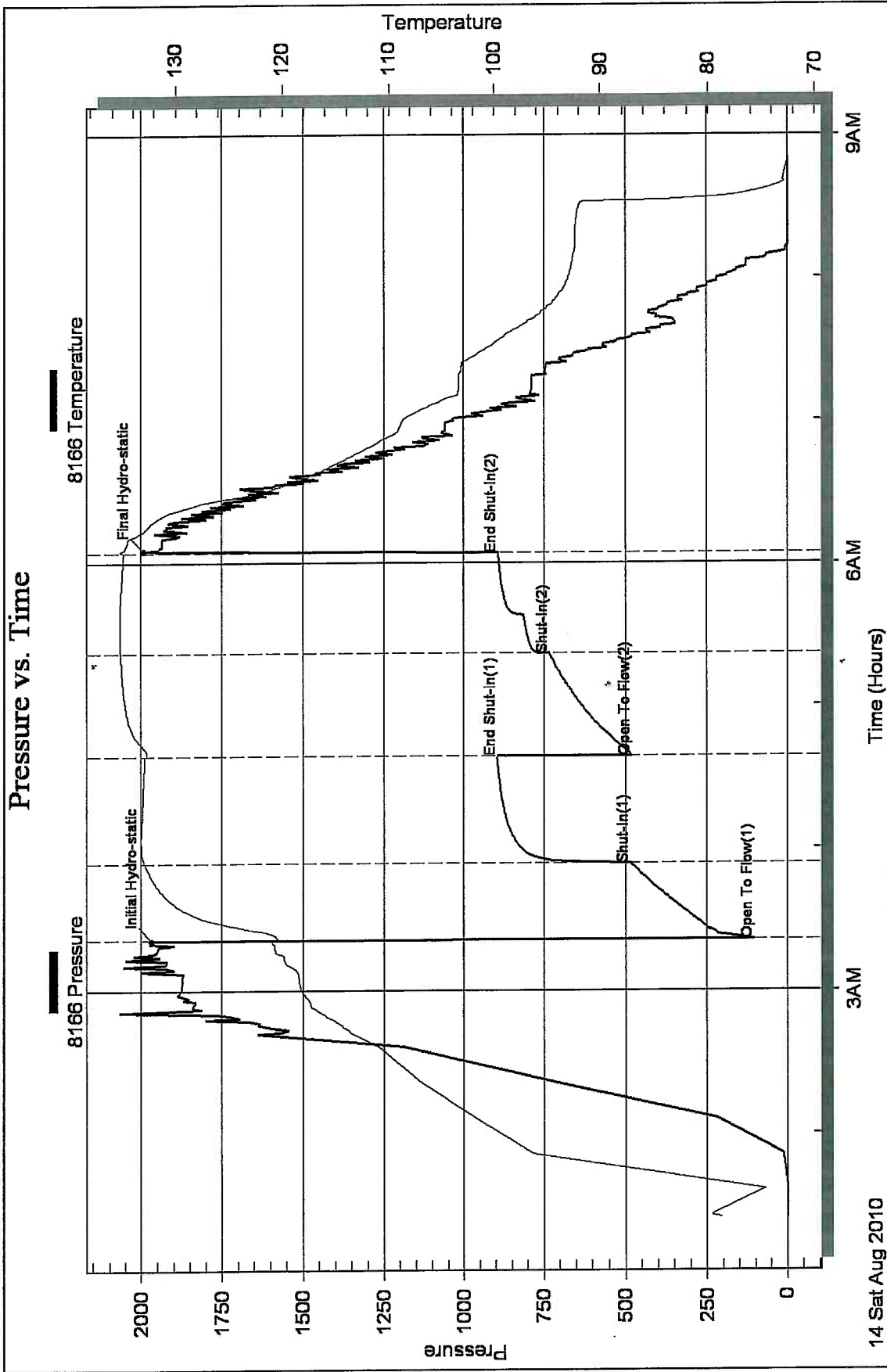
Serial #:

Laboratory Name:

Laboratory Location:

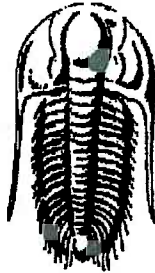
Recovery Comments:

### Pressure vs. Time









**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources, LLC**

410 17th ST Ste 900  
Denver, CO 80202

ATTN: Josh Austin/Gary Doke

**21-18s-31w Scott**

**Grube 13A-21-1831**

Start Date: 2010.08.14 @ 17:14:00

End Date: 2010.08.15 @ 02:05:30

Job Ticket #: 39646                      DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

FIML Natural Resources, LLC

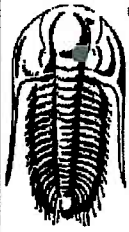
Grube 13A-21-1831

21-18s-31w Scott

DST # 2

Lans H&I

2010.08.14



**TRIBOLITE  
TESTING, INC**

# DRILL STEM TEST REPORT

FIML Natural Resources, LLC

**Grube 13A-21-1831**

410 17th ST Ste 900  
Denver, CO 80202

**21-18s-31w Scott**

Job Ticket: 39646

DST#: 2

ATTN: Josh Austin/Gary Doke Denver, CO 80202

Test Start: 2010.08.14 @ 17:14:00

## GENERAL INFORMATION:

Formation: **Lans H&I**

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

Time Tool Opened: 19:10:45

Time Test Ended: 02:05:30

Test Type: **Conventional Bottom Hole**

Tester: **Brandon Domsch**

Unit No: **48**

Interval: **4151.00 ft (KB) To 4190.00 ft (KB) (TVD)**

Total Depth: **4190.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2963.00 ft (KB)**

**2951.00 ft (CF)**

KB to GR/CF: **12.00 ft**

**Serial #: 8322**

**Inside**

Press@RunDepth: **472.69 psig @ 4152.00 ft (KB)**

Start Date: **2010.08.14**

End Date:

**2010.08.15**

Start Time: **17:14:05**

End Time:

**02:05:30**

Capacity: **8000.00 psig**

Last Calib.: **2010.08.16**

Time On Btm: **2010.08.14 @ 19:09:30**

Time Off Btm: **2010.08.14 @ 23:09:45**

## TEST COMMENT:

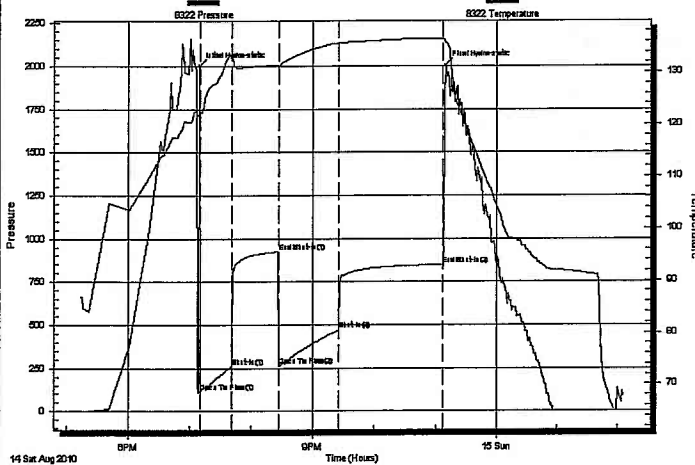
IF: BOB in 6 mins.

IS: Built to 7 inches died back to 6 inches

FF: BOB in 10 mins.

FS: Built to 6 inches died back to 3 inches.

Pressure vs. Time



## PRESSURE SUMMARY

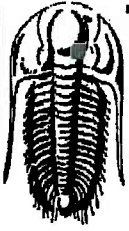
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2000.63	122.29	Initial Hydro-static
2	112.31	122.30	Open To Flow (1)
32	261.18	133.58	Shut-In(1)
78	924.13	131.34	End Shut-In(1)
78	262.27	131.16	Open To Flow (2)
137	472.69	135.53	Shut-In(2)
238	847.52	136.36	End Shut-In(2)
241	2002.88	135.64	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	M 100% m	0.10
124.00	G&MCO 5%g 90%o 5% m	0.61
911.00	GCO 30%g 70%o	11.90
310.00	CG&O 70%g 30%o	4.35
0.00	GIP = 500 ft	0.00
0.00	API = 30@70F = 29 Corrected	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

FIML Natural Resources, LLC

**Grube 13A-21-1831**

410 17th ST Ste 900  
Denver, CO 80202

**21-18s-31w Scott**

Job Ticket: 39646

**DST#: 2**

ATTN: Josh Austin/Gary Doke Denver, CO 80202

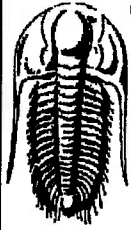
Test Start: 2010.08.14 @ 17:14:00

### Tool Information

Drill Pipe:	Length: 3924.00 ft	Diameter: 3.80 inches	Volume: 55.04 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 56.22 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4151.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
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			4132.00	
Shut In Tool	5.00			4137.00	
Hydraulic tool	5.00			4142.00	
Packer	5.00			4147.00	20.00 * Bottom Of Top Packer
Packer	4.00			4151.00	
Stubb	1.00			4152.00	
Recorder	0.00	8322	inside	4152.00	
Recorder	0.00	8166	inside	4152.00	
Perforations	35.00			4187.00	
Bullnose	3.00			4190.00	39.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>59.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

FML Natural Resources, LLC

**Grube 13A-21-1831**

410 17th ST Ste 900  
Denver, CO 80202

**21-18s-31w Scott**

Job Ticket: 39646

**DST#: 2**

ATTN: Josh Austin/Gary Doke Denver, CO 80202

Test Start: 2010.08.14 @ 17:14:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.37 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
20.00	M 100% m	0.098
124.00	G&MCO 5%g 90%o 5%m	0.610
911.00	GCO 30%g 70%o	11.904
310.00	CG&O 70%g 30%o	4.348
0.00	GIP = 500 ft	0.000
0.00	API = 30@70F = 29 Corrected	0.000

Total Length: 1365.00 ft

Total Volume: 16.960 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

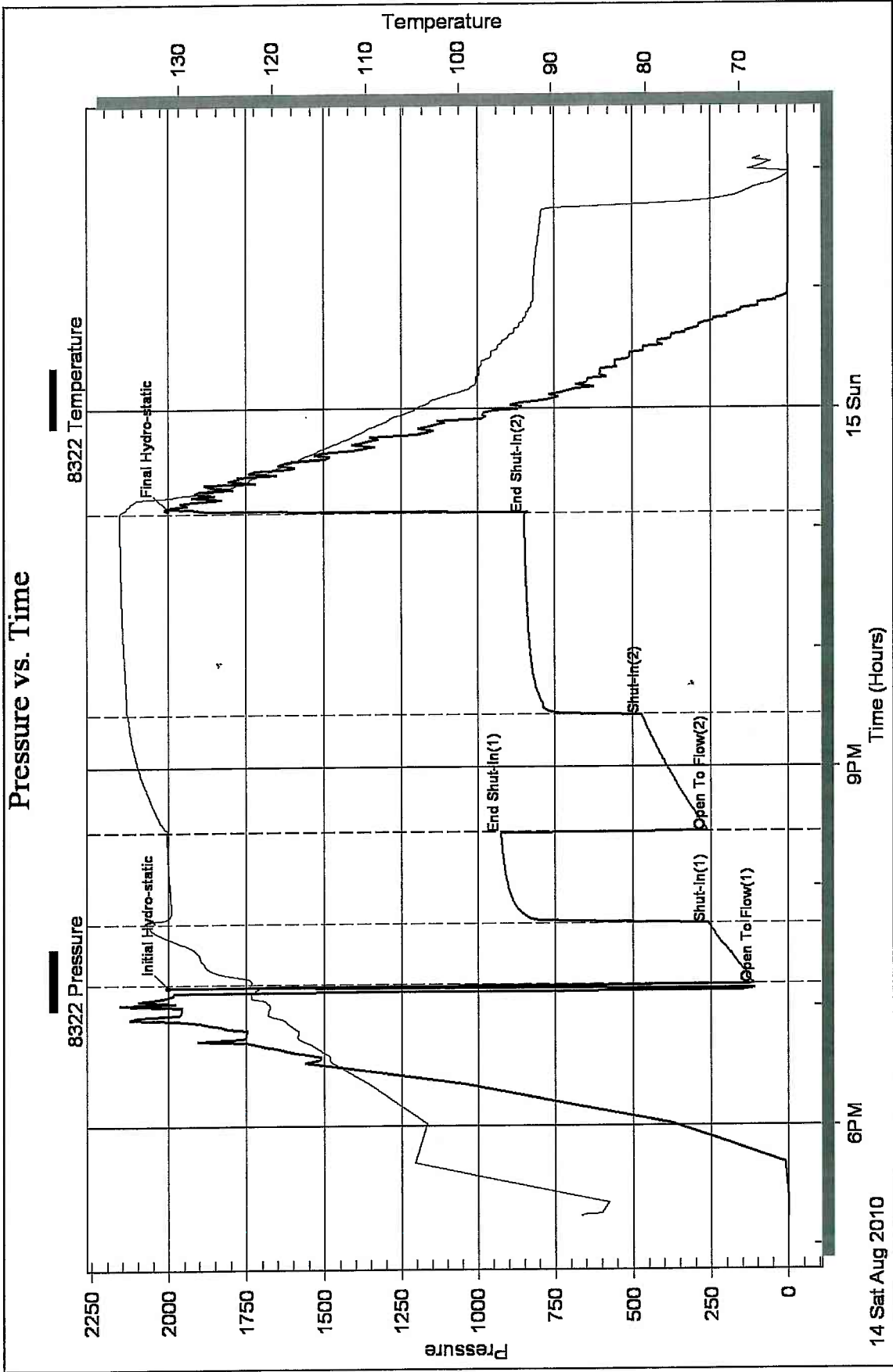
Serial #:

Laboratory Name:

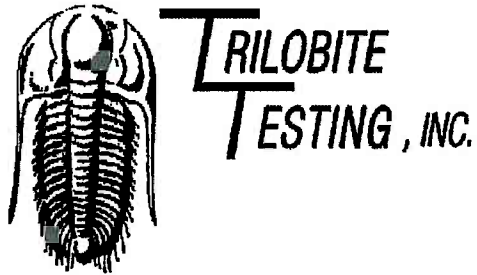
Laboratory Location:

Recovery Comments:

### Pressure vs. Time







## DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources, LLC**

410 17th ST Ste 900  
Denver, CO 80202

ATTN: Josh Austin/Gary Doke

**21-18s-31w Scott**

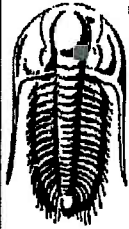
**Grube 13A-21-1831**

Start Date: 2010.08.16 @ 09:56:05

End Date: 2010.08.16 @ 16:15:44

Job Ticket #: 39647                      DST #: 3

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, LLC

**Grube 13A-21-1831**

410 17th ST Ste 900  
Denver, CO 80202

**21-18s-31w Scott**

Job Ticket: 39647

DST#: 3

ATTN: Josh Austin/Gary Doke Denver, CO 80202

Test Start: 2010.08.16 @ 09:56:05

## GENERAL INFORMATION:

Formation: **Miss Spergen**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 11:36:45  
 Time Test Ended: 16:15:44

Test Type: Conventional Bottom Hole  
 Tester: Brandon Domsch  
 Unit No: 48

Interval: **4572.00 ft (KB) To 4602.00 ft (KB) (TVD)**  
 Total Depth: 4602.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2963.00 ft (KB)  
 2951.00 ft (CF)  
 KB to GR/CF: 12.00 ft

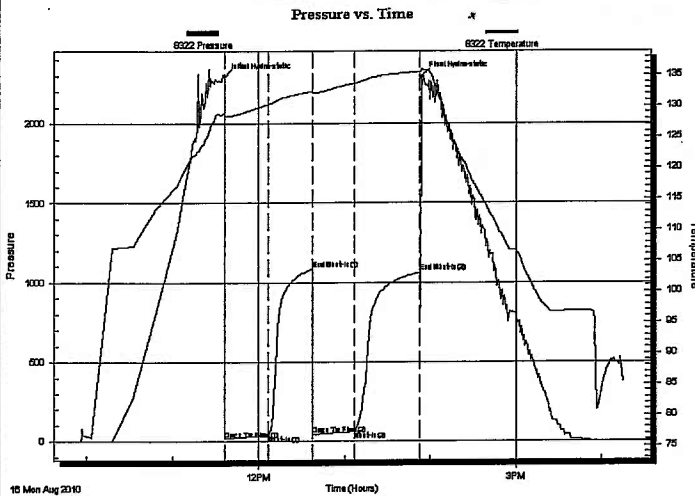
## Serial #: 8322

Inside

Press@RunDepth: 62.22 psig @ 4573.00 ft (KB)  
 Start Date: 2010.08.16 End Date: 2010.08.16  
 Start Time: 09:56:05 End Time: 16:15:44

Capacity: 8000.00 psig  
 Last Calib.: 2010.08.16  
 Time On Btm: 2010.08.16 @ 11:36:30  
 Time Off Btm: 2010.08.16 @ 13:54:15

TEST COMMENT: IF: Built 2 inches.  
 IS: No return.  
 FF: Built to 1/4 inch.  
 FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2296.07	129.03	Initial Hydro-static
1	17.77	128.24	Open To Flow (1)
31	41.15	130.31	Shut-In (1)
61	1084.65	132.38	End Shut-In (1)
62	44.88	132.18	Open To Flow (2)
91	62.22	133.72	Shut-In (2)
137	1063.54	135.53	End Shut-In (2)
138	2299.03	135.97	Final Hydro-static

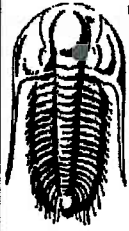
## Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCM 20%o 80% m	0.30
15.00	M&GCO 5%g 85%o 10% m	0.07
0.00	GIP = 0	0.00
0.00	API = 30@80F = 28 corrected	0.00

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

FIML Natural Resources, LLC

**Grube 13A-21-1831**

410 17th ST Ste 900  
Denver, CO 80202

**21-18s-31w Scott**

Job Ticket: 39647

**DST#: 3**

ATTN: Josh Austin/Gary Doke Denver, CO 80202

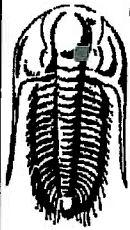
Test Start: 2010.08.16 @ 09:56:05

### Tool Information

Drill Pipe:	Length: 4333.00 ft	Diameter: 3.80 inches	Volume: 60.78 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 90000.00 lb
			<b>Total Volume: 61.96 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4572.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	50.00 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			4553.00	
Shut In Tool	5.00			4558.00	
Hydraulic tool	5.00			4563.00	
Packer	5.00			4568.00	20.00 Bottom Of Top Packer
Packer	4.00			4572.00	
Stubb	1.00			4573.00	
Recorder	0.00	8322	Inside	4573.00	
Recorder	0.00	8166	Inside	4573.00	
Perforations	26.00			4599.00	
Bullnose	3.00			4602.00	30.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>50.00</b>				



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

FIML Natural Resources, LLC

**Grube 13A-21-1831**

410 17th ST Ste 900  
Denver, CO 80202

**21-18s-31w Scott**

Job Ticket: 39647

**DST#: 3**

ATTN: Josh Austin/Gary Doke Denver, CO 80202

Test Start: 2010.08.16 @ 09:56:05

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

28 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.17 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OCM 20%o 80%m	0.295
15.00	M&GCO 5%g 85%o 10%m	0.074
0.00	GIP= 0	0.000
0.00	API= 30@80F= 28 corrected	0.000

Total Length:

75.00 ft

Total Volume:

0.369 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

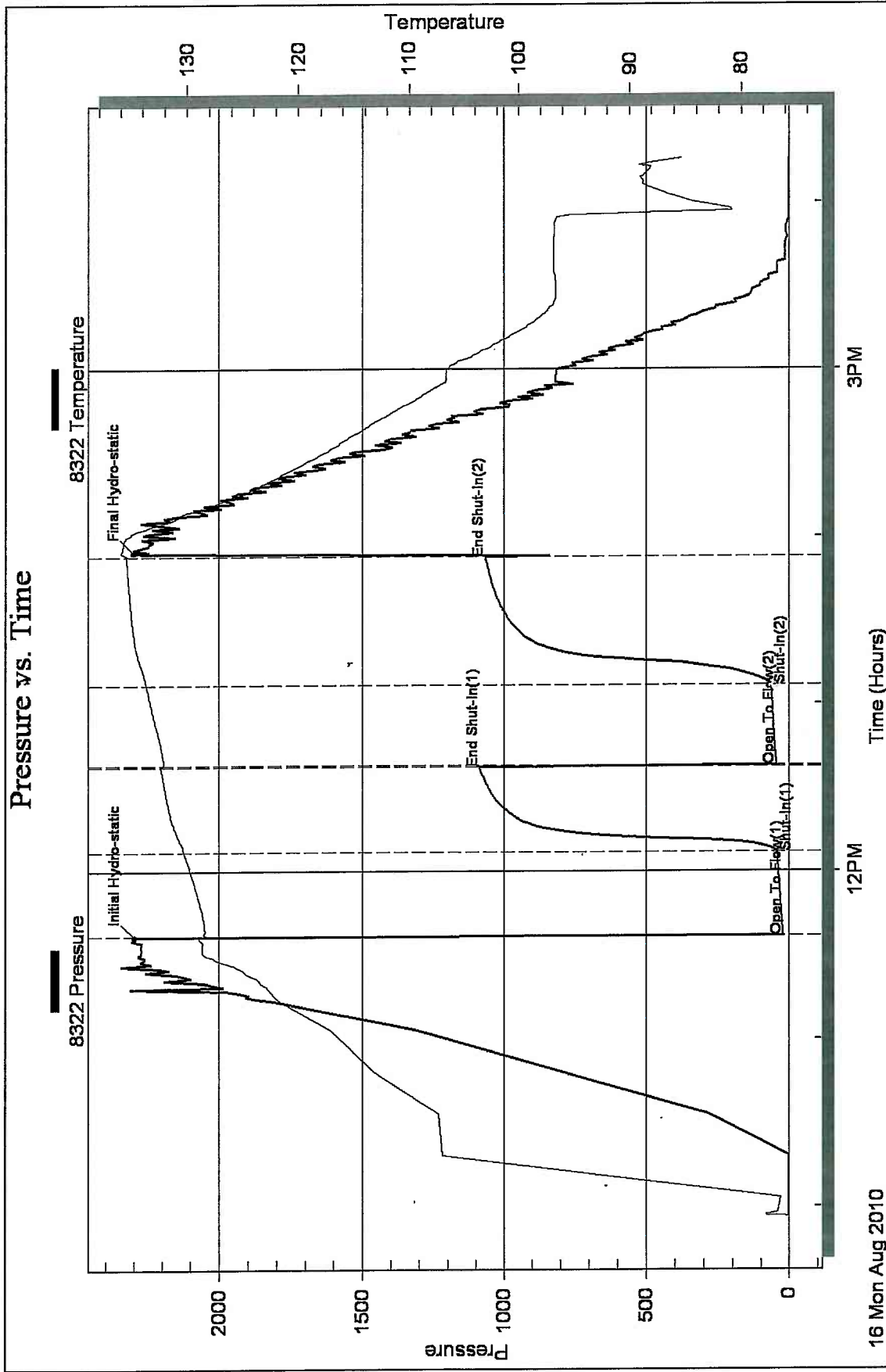
Serial #:

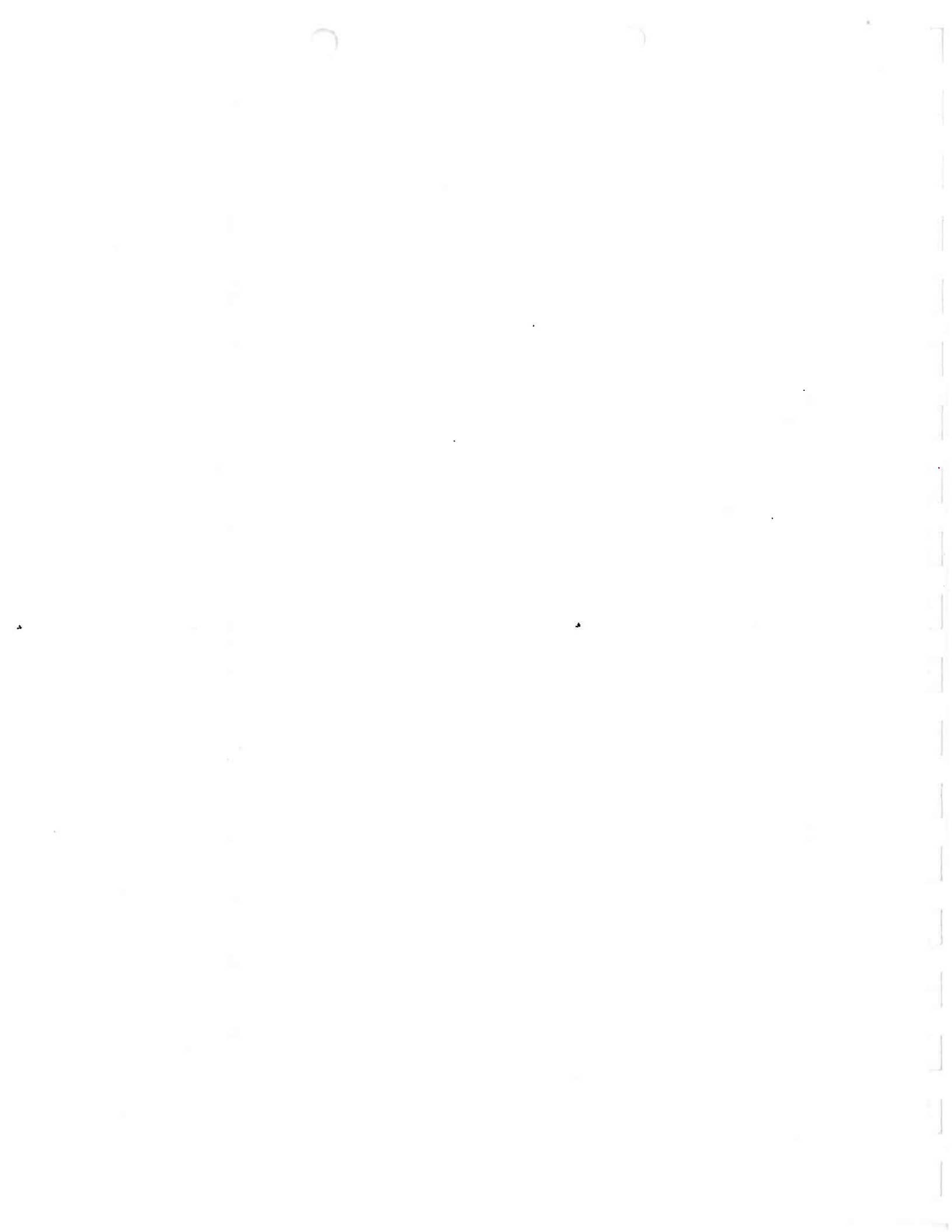
Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time







## DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources, LLC**  
410 17th ST Ste 900  
Denver, CO 80202

ATTN: Josh Austin/Gary Doke

**21-18s-31w Scott**

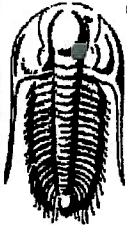
**Grube 13A-21-1831**

Start Date: 2010.08.16 @ 22:19:05

End Date: 2010.08.17 @ 04:55:29

Job Ticket #: 39648                      DST #: 4

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

FIVL Natural Resources, LLC

**Grube 13A-21-1831**

410 17th ST Ste 900  
Denver, CO 80202

**21-18s-31w Scott**

Job Ticket: 39648

**DST#: 4**

ATTN: Josh Austin/Gary Doke Denver, CO 80202

Test Start: 2010.08.16 @ 22:19:05

## GENERAL INFORMATION:

Formation: **Miss. Spergen**

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

Time Tool Opened: 00:10:45

Time Test Ended: 04:55:29

Test Type: **Conventional Bottom Hole**

Tester: **Brandon Domsch**

Unit No: **48**

Interval: **4573.00 ft (KB) To 4617.00 ft (KB) (TVD)**

Total Depth: **4617.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2963.00 ft (KB)**

**2951.00 ft (CF)**

**KB to GR/CF: 12.00 ft**

## Serial #: 8322

**Inside**

Press@RunDepth: **79.68 psig @ 4574.00 ft (KB)**

Start Date: **2010.08.16**

End Date:

**2010.08.17**

Start Time: **22:19:05**

End Time:

**04:55:29**

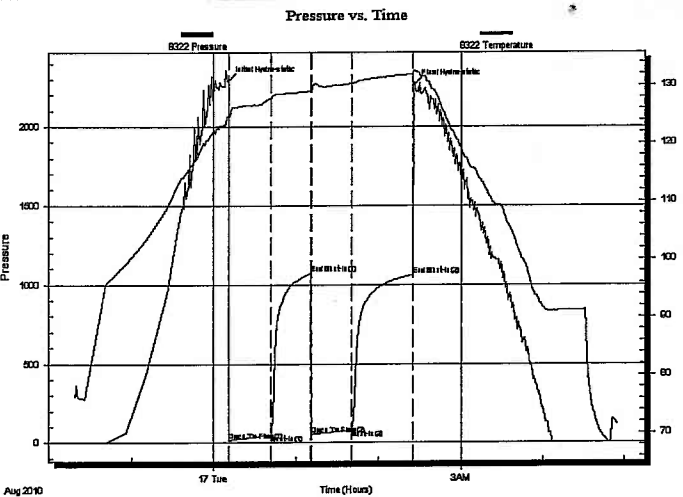
Capacity: **8000.00 psig**

Last Calib.: **2010.08.17**

Time On Btm: **2010.08.17 @ 00:10:30**

Time Off Btm: **2010.08.17 @ 02:26:15**

**TEST COMMENT:** IF: Built to 3 inches.  
IS: 1/4 inch died in 8 mins.  
FF: Built to 1 1/2 inches.  
FS: 1/4 died in 9 mins



## PRESSURE SUMMARY

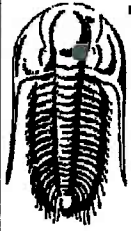
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2292.18	124.80	Initial Hydro-static
1	15.73	124.29	Open To Flow (1)
31	48.90	127.83	Shut-In(1)
60	1070.58	128.93	End Shut-In(1)
61	54.24	128.80	Open To Flow (2)
90	79.68	130.27	Shut-In(2)
135	1061.77	131.80	End Shut-In(2)
136	2270.93	132.50	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
124.00	OCM 10%o 90%m	0.61
1.00	CO 100%o	0.00
0.00	GIP = 0	0.00
0.00	API = N/A	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

FIML Natural Resources, LLC

**Grube 13A-21-1831**

410 17th ST Ste 900  
Denver, CO 80202

**21-18s-31w Scott**

Job Ticket: 39648

**DST#: 4**

ATTN: Josh Austin/Gary Doke Denver, CO 80202

Test Start: 2010.08.16 @ 22:19:05

### Tool Information

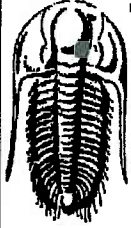
Drill Pipe:	Length: 4333.00 ft	Diameter: 3.80 inches	Volume: 60.78 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 70000.00 lb
		<b>Total Volume:</b>	<b>61.96 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4573.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	64.00 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			4554.00	
Shut In Tool	5.00			4559.00	
Hydraulic tool	5.00			4564.00	
Packer	5.00			4569.00	20.00 Bottom Of Top Packer
Packer	4.00			4573.00	
Stubb	1.00			4574.00	
Recorder	0.00	8322	Inside	4574.00	
Recorder	0.00	8166	Inside	4574.00	
Perforations	7.00			4581.00	
Change Over Sub	1.00			4582.00	
Drill Pipe	31.00			4613.00	
Change Over Sub	1.00			4614.00	
Bullnose	3.00			4617.00	44.00 Bottom Packers & Anchor

**Total Tool Length: 64.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

FML Natural Resources, LLC

**Grube 13A-21-1831**

410 17th ST Ste 900  
Denver, CO 80202

**21-18s-31w Scott**

Job Ticket: 39648

**DST#: 4**

ATTN: Josh Austin/Gary Doke Denver, CO 80202

Test Start: 2010.08.16 @ 22:19:05

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.19 in\*

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
124.00	OCM 10%o 90%m	0.610
1.00	CO 100%o	0.005
0.00	GIP= 0	0.000
0.00	API = N/A	0.000

Total Length: 125.00 ft

Total Volume: 0.615 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

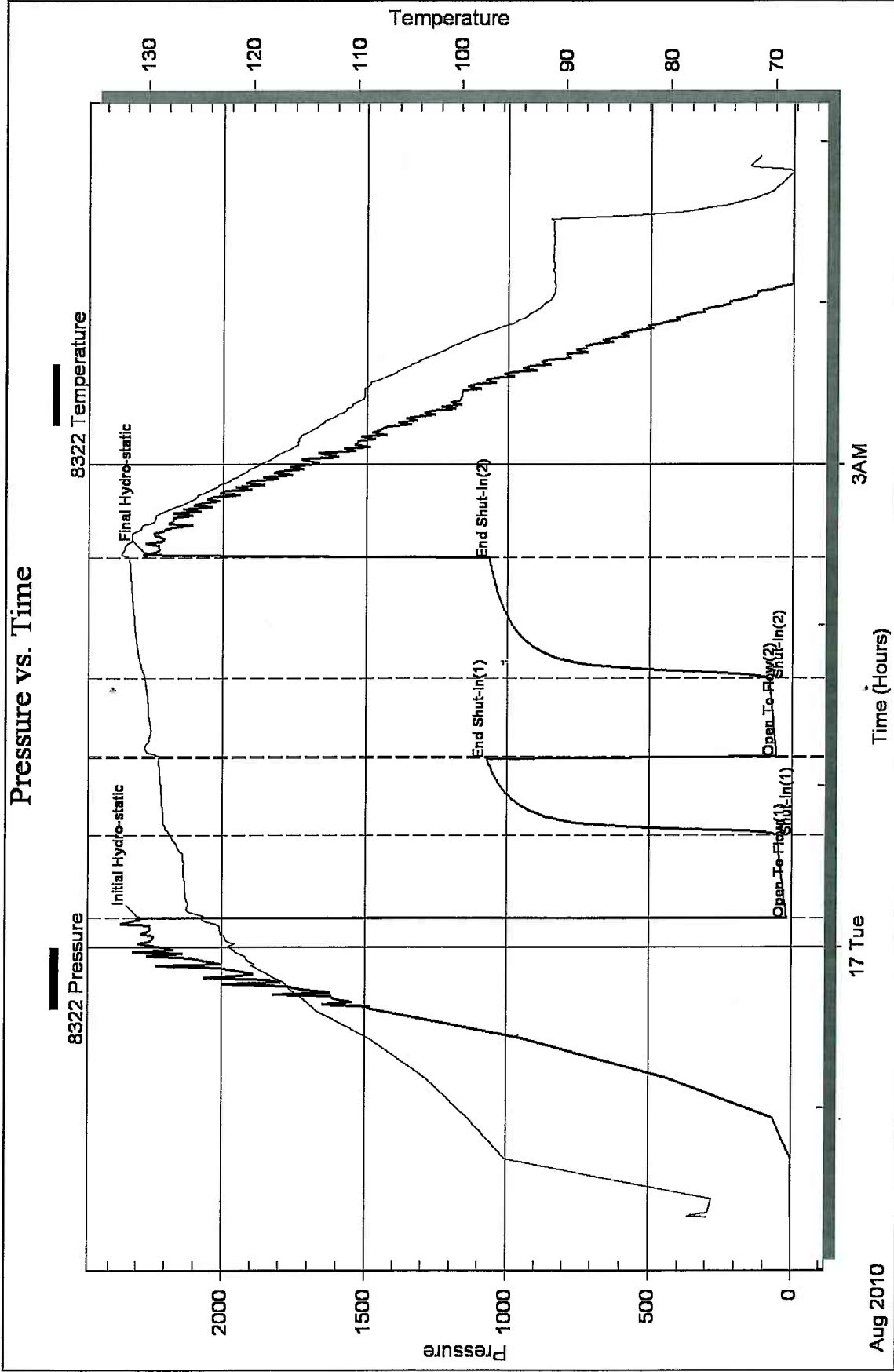
Laboratory Name:

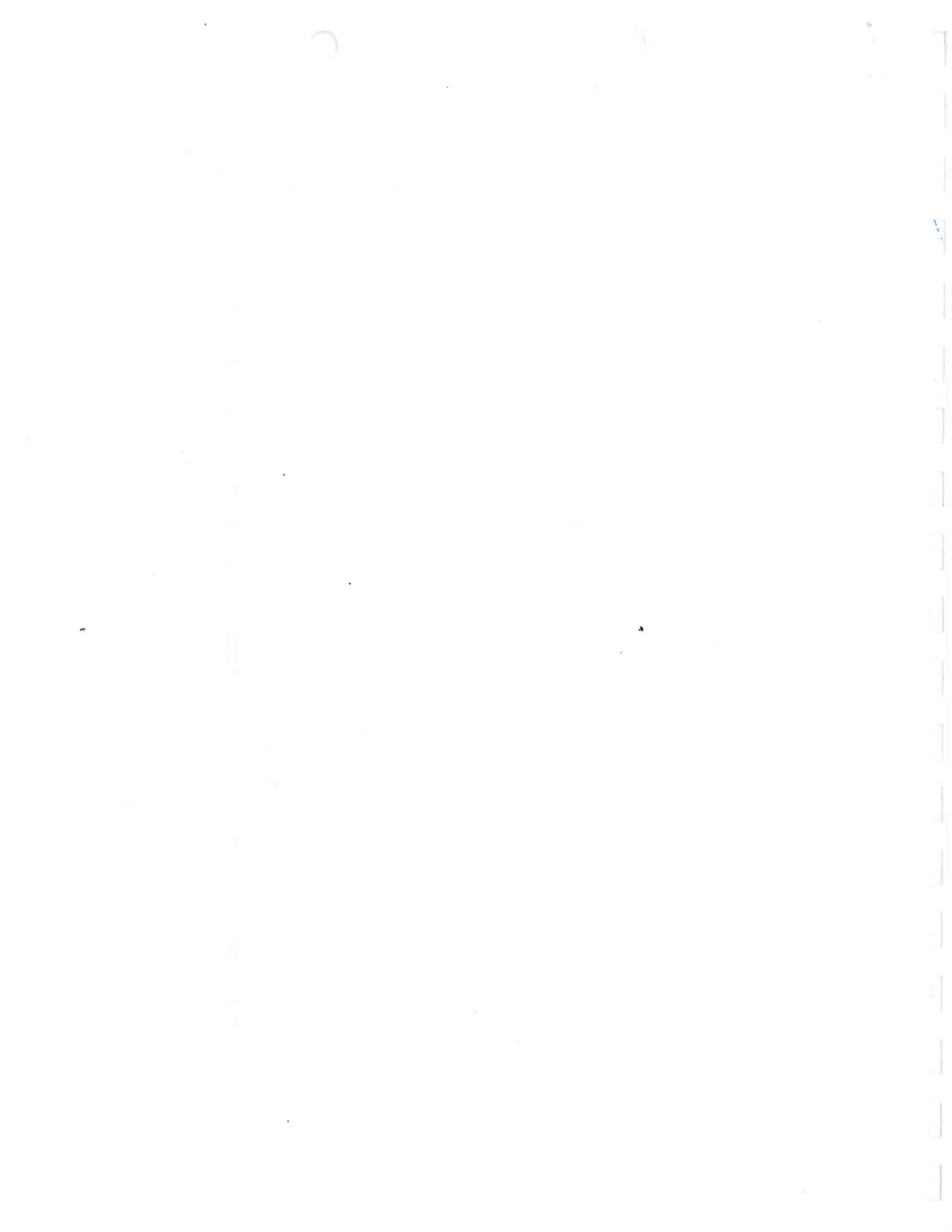
Laboratory Location:

Recovery Comments:



### Pressure vs. Time







PO BOX 31 Russell, KS 67665

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

2347

**INVOICE**

Invoice Number: 123975  
 Invoice Date: Aug 10, 2010

**RECEIVED**  
 AUG 20 2010

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

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms
FIML	Grube #13A - 21 - /831	Net 30 Days
Job Location	Camp Location	Service Date
KS1-01	Oakley	Aug 10, 2010
Quantity	Item	Unit Price

Quantity	Item	Description	Unit Price	Amount
240.00	MAT	Class A Common	15.45	3,708.00
5.00	MAT	Gel	20.80	104.00
8.00	MAT	Chloride	58.20	465.60
253.00	SER	Handling	2.40	607.20
55.00	SER	Mileage 253 sx @ .10 per sk per mi	25.30	1,391.50
1.00	SER	Surface	1,018.00	1,018.00
95.00	SER	Extra Footage	0.85	80.75
55.00	SER	Pump Truck Mileage	7.00	385.00
1.00	EQP	8.5/8 AFU Insert	158.00	158.00
3.00	EQP	8.5/8 Centralizer	49.00	147.00
1.00	EQP	8.5/8 Surface Plug	68.00	68.00
1.00	EQP	8.5/8 Texas Pattern Shoe	298.00	298.00

Subtotal	8,431.05
Sales Tax	361.25
Total Invoice Amount	8,792.30
Payment/Credit Applied	
<b>TOTAL</b>	<b>8,792.30</b>

ALL PRICES ARE NET, PAYABLE  
 30 DAYS FOLLOWING DATE OF  
 INVOICE. 1 1/2% CHARGED  
 THEREAFTER. IF ACCOUNT IS  
 CURRENT, TAKE DISCOUNT OF

\$ 16.86

ONLY IF PAID ON OR BEFORE  
 Sep 4, 2010

810-145  
 J. D. B.

-1686.21  
 7106.09

D 10052

# ALLIED CEMENTING CO., LLC. 039065

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Dakota

DATE <u>8-10-10</u>	SEC. <u>21</u>	TWP. <u>18S</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Grube</u>	WELL # <u>13 A</u>	LOCATION <u>scottcity</u>	<u>8E 34S</u>			COUNTY <u>SEBIA</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)				OWNER <u>same</u>			

CONTRACTOR Murfin Drilling Rig 21

TYPE OF JOB Surface

HOLE SIZE 12 1/4" T.D. 393'

CASING SIZE 8 5/8" DEPTH 385'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE SHOE JOINT 42.33'

CEMENT LEFT IN CSG. 42.33'

PERFS. \_\_\_\_\_

DISPLACEMENT 22.46 BBL

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER Andrew

# 423-281 HELPER Larene

BULK TRUCK DRIVER Wil

# 386 DRIVER \_\_\_\_\_

BULK TRUCK DRIVER \_\_\_\_\_

REMARKS:

Cement did circulate

Thank you

CHARGE TO: F I M L

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

CEMENT	AMOUNT ORDERED <u>240 sbs com</u>	39000 <u>2996L</u>
COMMON	<u>240 sbs</u>	@ <u>15.45</u> = <u>3708.00</u>
POZMIX		@ _____
GEL	<u>5 sbs</u>	@ <u>20.80</u> = <u>104.00</u>
CHLORIDE	<u>8 sbs</u>	@ <u>58.20</u> = <u>465.60</u>
ASC		@ _____
		@ _____
		@ _____
		@ _____
		@ _____
		@ _____
		@ _____
		@ _____
HANDLING	<u>253 sbs</u>	@ <u>2.40</u> = <u>607.20</u>
MILEAGE	<u>10 @ 36/mile</u>	@ _____ = <u>391.50</u>
		TOTAL <u>6276.30</u>

SERVICE

DEPTH OF JOB	<u>395'</u>	
PUMP TRUCK CHARGE		<u>1018.00</u>
EXTRA FOOTAGE	<u>95'</u>	@ <u>.85</u> = <u>80.25</u>
MILEAGE	<u>55 miles</u>	@ <u>7.00</u> = <u>385.00</u>
MANIFOLD		@ _____
		@ _____
		@ _____
		TOTAL <u>1483.25</u>

PLUG & FLOAT EQUIPMENT

<u>858</u>		
<u>1 Apu Insert</u>	@	<u>158.00</u>
<u>3 Centralizers</u>	@	<u>49.00</u> = <u>147.00</u>
<u>1 surface plug</u>	@	<u>68.00</u>
<u>1 Texas pattern slot</u>	@	<u>298.00</u>
	@	
		TOTAL <u>671.00</u>

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.

SALES TAX (if Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_

IF PAID IN 30 DAYS \_\_\_\_\_

PRINTED NAME Gary Dole

SIGNATURE Gary Dole



PO BOX 31 Russell, KS 67665

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

**RECEIVED**  
AUG 25 2010

2347

# INVOICE

Invoice Number: 124090

Invoice Date: Aug 17, 2010

Page: 4

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

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# of Customer P.O.	Payment Terms
FIML	Grube Brabe 13A #21-1831	Net 30 Days
Job Location	Camp Location	Service Date
KS1-02	Oakley	Aug 17, 2010
		Due Date
		9/16/10

Quantity	Item	Description	Unit Price	Amount
5.00	MAT	Gel	20.80	104.00
275.00	MAT	ASC Class A	18.60	5,115.00
1,375.00	MAT	Gilsonite	0.89	1,223.75
31.00	MAT	Salt	23.95	742.45
69.00	MAT	Flo SEal	2.50	172.50
500.00	MAT	WFR-2	1.27	635.00
354.00	SER	Handling	2.40	849.60
55.00	SER	Mileage 354 sx @ .10 per sk per mi	35.40	1,947.00
1.00	SER	Two stage - Bottom	2,185.00	2,185.00
55.00	SER	Pump Truck Mileage	7.00	385.00
1.00	EQP	5.5 Sure Seal Float Shoe	349.00	349.00
1.00	EQP	5.5 Sure Seal Float Collar	418.00	418.00
1.00	EQP	5.5 D V Tool	2,832.00	2,832.00
20.00	EQP	5.5 Centralizer	57.00	1,140.00
5.00	EQP	5.5 Centralizer	35.00	175.00
2.00	EQP	5.5 Basket	161.00	322.00
1.00	EQP	Lock Ring	29.00	29.00
<i>8200-118</i> <i>Don Q. B.</i>				
<b>Subtotal</b>				18,624.30
<b>Sales Tax</b>				967.81
<b>Total Invoice Amount</b>				19,592.11
<b>Payment/Credit Applied</b>				
<b>TOTAL</b>				19,592.11

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 3724.86

ONLY IF PAID ON OR BEFORE

Sep 11, 2010

Approved for  
Disbursement  
9-3-2010  
RM

D 10052 118

8200.

- 3724.86

15,867.25

# ALLIED CEMENTING CO., LLC. 038977

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

OKA-Links

8-17-10

DATE	SEC	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
8-17-10	21	18	31		8:30 pm	9:30 pm	
LEASE	WELL #	LOCATION			COUNTY	STATE	
Bubble	21-1831	Scottsbluff			Scotts	KS	
OLD OR NEW (Circle one)							

CONTRACTOR Murphy OWNER \_\_\_\_\_

TYPE OF JOB 2-Stage bottom

HOLE SIZE 778 I.D. 4775'

CASING SIZE 5 1/2 DEPTH 4772'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL DU TOOL \_\_\_\_\_ DEPTH 2985'

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 21 1/2

CEMENT LEFT IN CSG. 21 1/2

PERFS. \_\_\_\_\_

DISPLACEMENT 71.0 mud 41.9 w/mix

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER Ferry

# 431 HELPER Kelly

BULK TRUCK \_\_\_\_\_

# 373 DRIVER Ferry

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 275 lbs ASC 20 gal

100 gal salt, 50 gal/sk 1/4" clostrol

50 gal water

COMMON \_\_\_\_\_ @ \_\_\_\_\_

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL 5 @ 2080 10400

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

6.50 ml @ 1375 @ 189 1223 75

Salt 31 @ 2395 742 42

Clostral 69# @ 250 172 50

WATER 500 @ 122 636 00

HANDLING 354 @ 240 849 60

MILEAGE 110 @ 17.00 1947 00

TOTAL 10789 22

REMARKS:

Pump Seal WATER. mix 775

oks cement wash pump lines

Drop plug & replace to float collar

1500 ft hit 3500' land float hold

Plug down 9:30 am. Drop to Bomb

main 15 min open tool @ 1100'

circ 4 hrs.

Thanks Ferry & Kelly

DEPTH OF JOB \_\_\_\_\_ 4772'

PUMP TRUCK CHARGE \_\_\_\_\_ 2185 00

EXTRA FOOTAGE \_\_\_\_\_

MILEAGE 55 @ 700 385 00

MANIFOLD \_\_\_\_\_

TOTAL 2570 00

CHARGE TO: F I M L

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

1- General float shop (w) 349 00

1- Submersal float collar (w) 418 00

1- DU Tool @ \_\_\_\_\_ 2832 00

20- cord (w) @ 57 00 1140 00

5- cord (w) @ 35 00 175 00

2- Baskets @ 161 00 322 00

1- 400 rns 29 00

TOTAL 5265 00

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 Delfe

SIGNATURE [Signature]

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS \_\_\_\_\_



PO BOX 31 Russell, KS 67665

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

**RECEIVED**  
AUG 25 2010

2347

**INVOICE**

Invoice Number: 424091  
Invoice Date: Aug 18, 2010  
Page:

Federal Tax I.D.#: 20-5975804

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

Customer ID	Well Name # or Customer P.O.	Payment Terms
FIML	Grube 13A #21-1831	Net 30 Days
Job Location	Camp Location	Service Date
KS1-02	Oakley	Aug 18, 2010
		Due Date
		9/17/10

Quantity	Item	Description	Unit Price	Amount
450.00	MAT	Lightweight Class A	14.05	6,322.50
2,250.00	MAT	Gilsontie	0.89	2,002.50
113.00	MAT	Flo Seal	2.50	282.50
530.00	SER	Handling	2.40	1,272.00
55.00	SER	Mileage 530 sx @ .10 per sk per mi	53.00	2,915.00
1.00	SER	Two Stage - Top	1,185.00	1,185.00

820-118  
John J. Bl

Subtotal	13,979.50
Sales Tax	628.35
Total Invoice Amount	14,607.85
Payment/Credit Applied	
<b>TOTAL</b>	<b>14,607.85</b>

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 3,295.90

ONLY IF PAID ON OR BEFORE Sep 12, 2010

Approved for 9-3-2010 - 2795.90  
Discount  
AMW  
11,811.95

D1052 0.118  
820.118

# ALLIED CEMENTING CO., LLC. 038978

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

8-17-10 OKELUS  
8-18-10

8-18-10 DATE	21 SEC.	19 TWP.	31 RANGE	CALLED OUT	ON LOCATION 8:30 AM	JOB START 7:00 AM	JOB FINISH 7:30 AM
Brube LEASE 13A	21-1831 WELL#	1831	LOCATION	Stokcity E. Trors Rd	COUNTY State	STATE KS	
OLD OR NEW (Circle one)	15-6-20						

CONTRACTOR Wu + Sun #21 OWNER \_\_\_\_\_

TYPE OF JOB 2-stage (TOP)

HOLE SIZE 7 7/8 T.D.

CASING SIZE 8 1/2 15.5 DEPTH 2985'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT 71.0 BBLs

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER Fuzzy

# 431 HELPER 12-114

BULK TRUCK \_\_\_\_\_

# 394 DRIVER DANN

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

my 2002 mtr, mix 3000s RH Pump  
550L Fresh water mix 4000s cement  
wash pump lines, 9 top plus 4  
displace to 2000. 1400+ 150+  
1800+ land to close pool. cement  
did circulate approx 50 BBLs.  
plus down @ 2:30 PM  
THANKS Fuzzy crew

SERVICE

DEPTH OF JOB	2985'
PUMP TRUCK CHARGE	1185.00
EXTRA FOOTAGE	@
MILEAGE	SS @
MANIFOLD	@
TOTAL	1185.00

CHARGE TO: F I W L

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To Allied Cementing Co., LLC.  
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PRINTED NAME Gary Dols

SIGNATURE [Signature]

PLUG & FLOAT EQUIPMENT

SALES TAX (If Any)	_____
TOTAL CHARGES	_____
DISCOUNT	_____
TOTAL	_____

IF PAID IN 30 DAYS





*Mark Parkinson, Governor  
Thomas E. Wright, Chairman  
Joseph F. Harkins, Commissioner  
Ward Loyd, Commissioner*

December 07, 2010

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

Re: ACO1  
API 15-171-20763-00-00  
Grube 13A-21-1831  
SW/4 Sec.21-18S-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