



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1101657
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

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



1101657

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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 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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

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> _____	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
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 19, 2012

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

Re: ACO1
API 15-101-22391-00-00
Burnett 3-15-2027
NW/4 Sec.15-20S-27W
Lane 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, LLC**

410 17th St. STE 900
Denver, CO 80202

ATTN: Jim Musgrove

Burnett #3-15-2027

15-20s-27w Lane KS

Start Date: 2012.09.14 @ 13:05:00

End Date: 2012.09.14 @ 21:56:00

Job Ticket #: 48446 DST #: 1

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

Printed: 2012.09.17 @ 15:06:15



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FIML Natural Resources, LLC

15-20s-27w Lane KS

410 17th St. STE 900
Denver, CO 80202

Burnett #3-15-2027

ATTN: Jim Musgrove

Job Ticket: 48446

DST#: 1

Test Start: 2012.09.14 @ 13:05:00

GENERAL INFORMATION:

Formation: **LKC I-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:40:15

Time Test Ended: 21:56:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 53

Interval: 4170.00 ft (KB) To 4220.00 ft (KB) (TVD)

Reference Elevations: 2233.00 ft (KB)

Total Depth: 4220.00 ft (KB) (TVD)

2223.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8522 Outside

Press @ Run Depth: 247.23 psig @ 4171.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.14

End Date:

2012.09.14

Last Calib.: 2012.09.14

Start Time: 13:05:05

End Time:

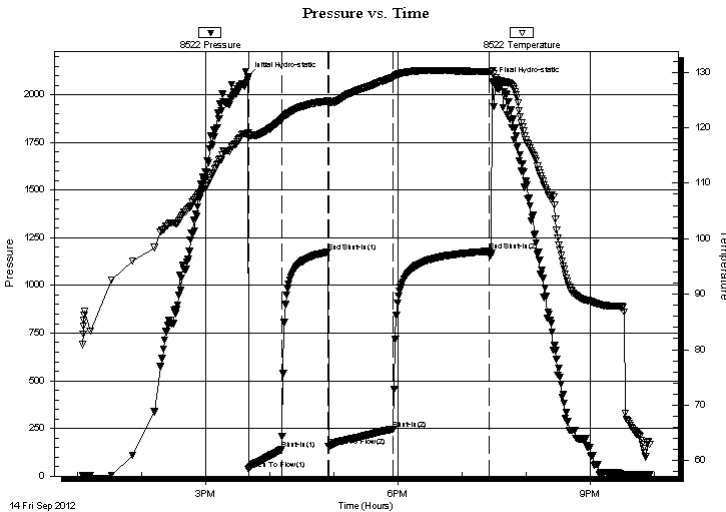
21:56:00

Time On Btm: 2012.09.14 @ 15:40:00

Time Off Btm: 2012.09.14 @ 19:28:45

TEST COMMENT: IF: BOB @ 14 min.
IS: 1 1/2" return.
FF: BOB @ 20 min.
FS: 3" return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2096.35	119.09	Initial Hydro-static
1	35.69	118.47	Open To Flow (1)
32	142.12	121.46	Shut-In(1)
75	1175.30	124.83	End Shut-In(1)
76	155.43	124.46	Open To Flow (2)
136	247.23	129.08	Shut-In(2)
226	1179.55	130.09	End Shut-In(2)
229	2070.01	130.34	Final Hydro-static

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
190.00	mcw 10m 90w (oil spots)	0.93
230.00	gsomcw 15g 10o 15m 60w	1.61
90.00	go 30g 70o	1.26
0.00	430' GIP	0.00

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FIML Natural Resources, LLC

15-20s-27w Lane KS

410 17th St. STE 900
Denver, CO 80202

Burnett #3-15-2027

Job Ticket: 48446

DST#: 1

ATTN: Jim Musgrove

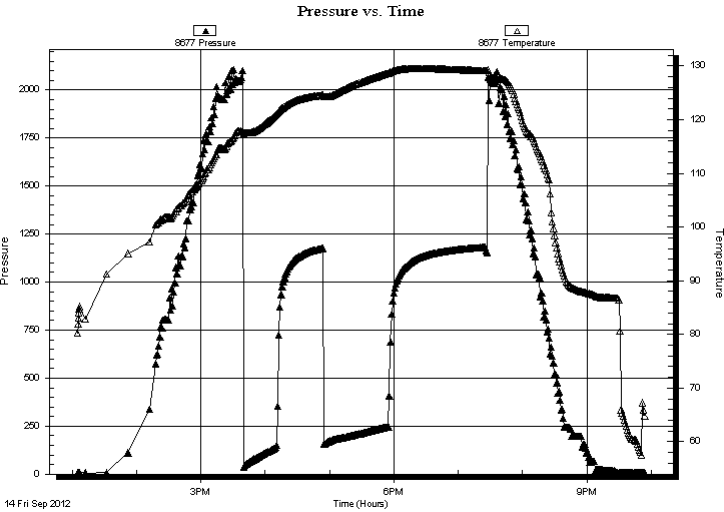
Test Start: 2012.09.14 @ 13:05:00

GENERAL INFORMATION:

Formation: **LKC I-J**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 15:40:15
 Tester: Bradley Walter
 Time Test Ended: 21:56:00
 Unit No: 53
Interval: 4170.00 ft (KB) To 4220.00 ft (KB) (TVD)
 Reference Elevations: 2233.00 ft (KB)
 Total Depth: 4220.00 ft (KB) (TVD)
 2223.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 10.00 ft

Serial #: 8677 Inside
 Press @ Run Depth: psig @ 4171.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.09.14 End Date: 2012.09.14 Last Calib.: 2012.09.14
 Start Time: 13:05:05 End Time: 21:54:30 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB @ 14 min.
 IS: 1 1/2" retrurn.
 FF: BOB @ 20 min.
 FS: 3" return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
190.00	mcw 10m 90w (oil spots)	0.93
230.00	gsomcw 15g 10o 15m 60w	1.61
90.00	go 30g 70o	1.26
0.00	430' 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, LLC

15-20s-27w Lane KS

410 17th St. STE 900
Denver, CO 80202

Burnett #3-15-2027

ATTN: Jim Musgrove

Job Ticket: 48446

DST#: 1

Test Start: 2012.09.14 @ 13:05:00

Tool Information

Drill Pipe:	Length: 3795.00 ft	Diameter: 3.80 inches	Volume: 53.23 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: 25000.00 lb
Drill Collar:	Length: 367.00 ft	Diameter: 2.25 inches	Volume: 1.80 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 55.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4170.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	70.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4151.00	
Shut In Tool	5.00			4156.00	
Hydraulic tool	5.00			4161.00	
Packer	5.00			4166.00	20.00 Bottom Of Top Packer
Packer	4.00			4170.00	
Stubb	1.00			4171.00	
Recorder	0.00	8677	Inside	4171.00	
Recorder	0.00	8522	Outside	4171.00	
Perforations	12.00			4183.00	
Change Over Sub	1.00			4184.00	
Drill Pipe	32.00			4216.00	
Change Over Sub	1.00			4217.00	
Bullnose	3.00			4220.00	50.00 Bottom Packers & Anchor

Total Tool Length: 70.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources, LLC

15-20s-27w Lane KS

410 17th St. STE 900
Denver, CO 80202

Burnett #3-15-2027

Job Ticket: 48446

DST#: 1

ATTN: Jim Musgrove

Test Start: 2012.09.14 @ 13:05:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

65000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
190.00	mcw 10m 90w (oil spots)	0.934
230.00	gsomcw 15g 10o 15m 60w	1.614
90.00	go 30g 70o	1.262
0.00	430' GIP	0.000

Total Length: 510.00 ft Total Volume: 3.810 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

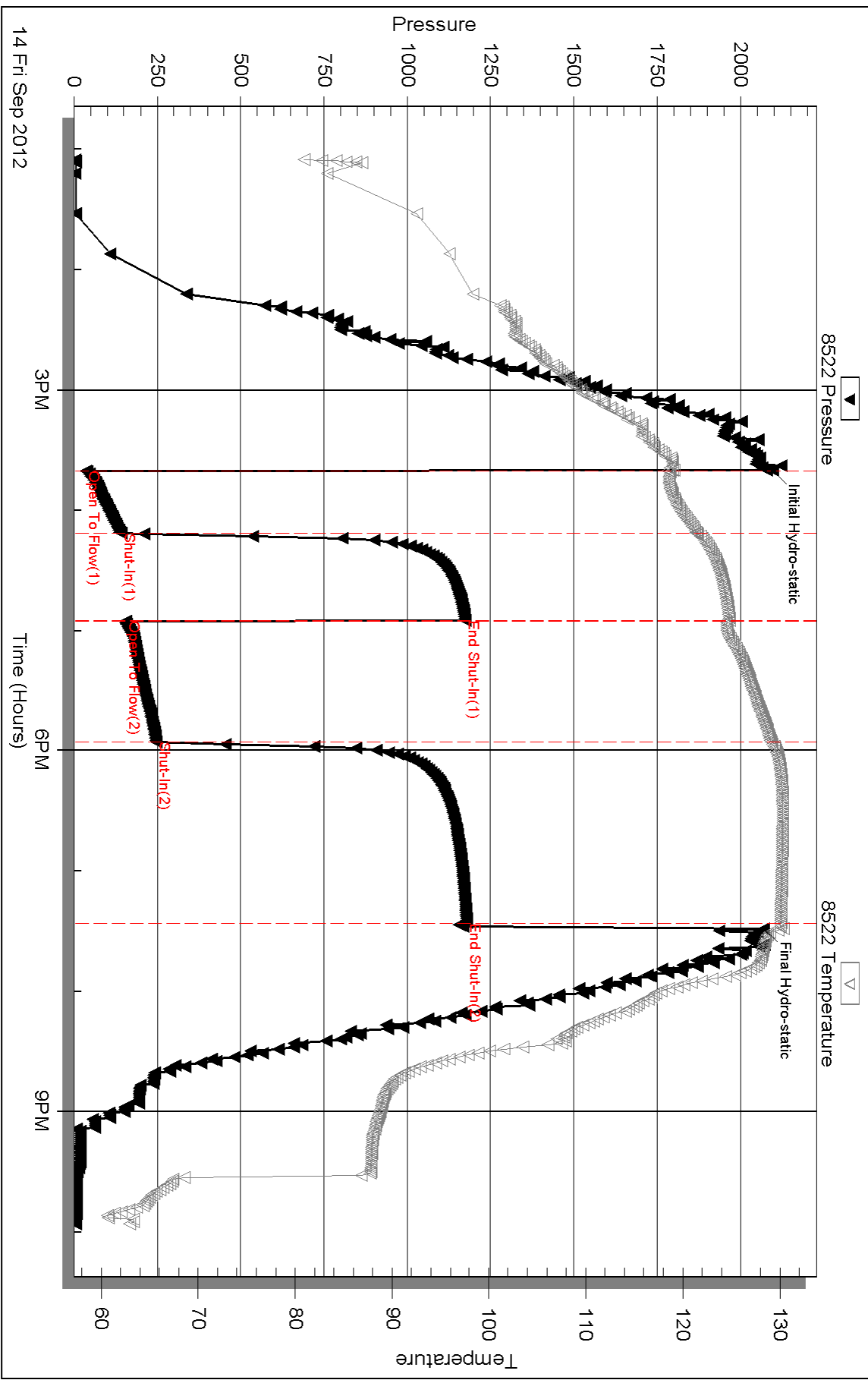
Serial #:

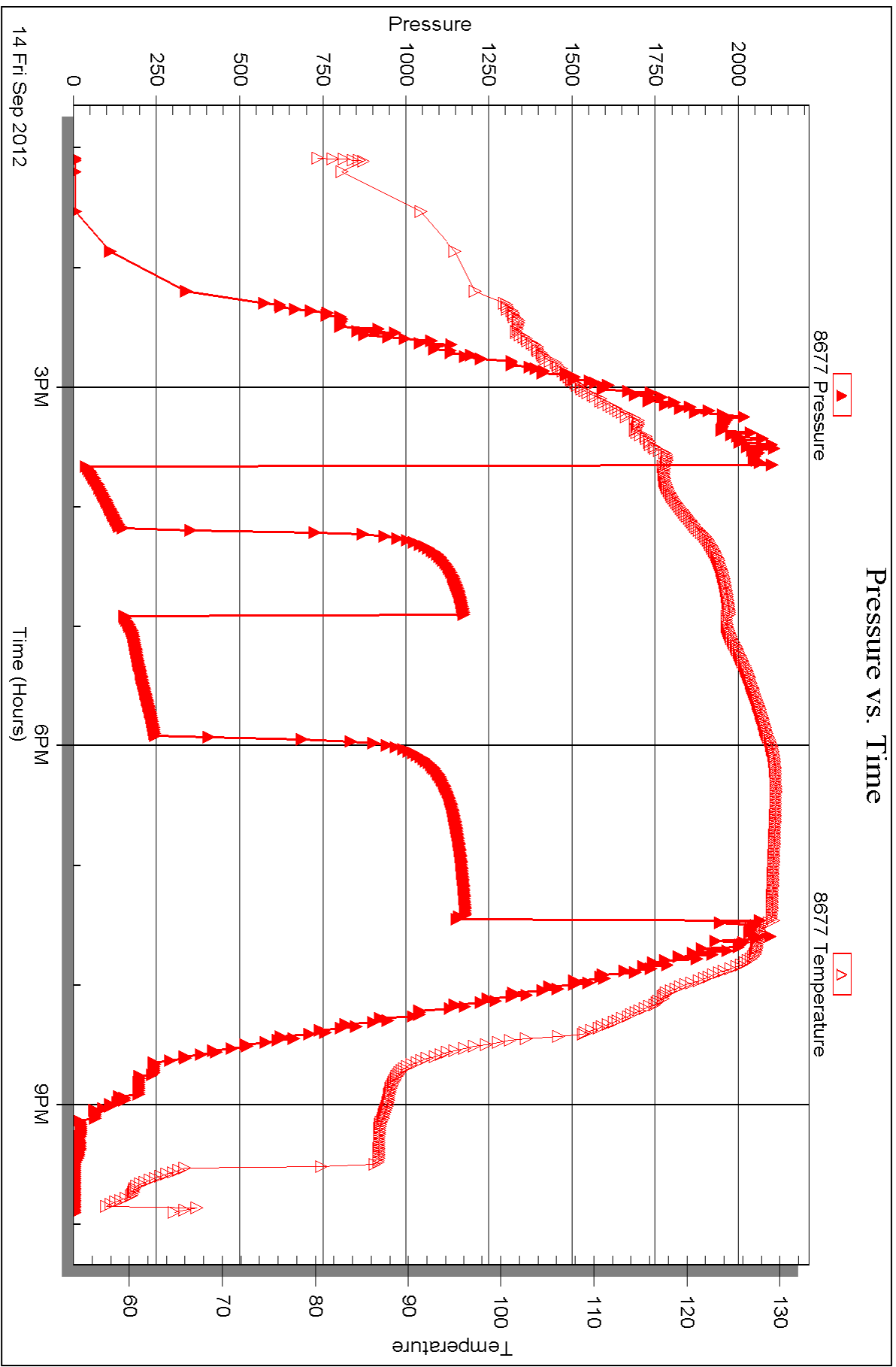
Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .120 @ 67F = 65,000ppm

Pressure vs. Time







DRILL STEM TEST REPORT

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

410 17th St. STE 900
Denver, CO 80202

ATTN: Jim Musgrove

Burnett #3-15-2027

15-20s-27w Lane KS

Start Date: 2012.09.16 @ 07:43:00

End Date: 2012.09.16 @ 16:37:15

Job Ticket #: 48447 DST #: 2

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

Printed: 2012.09.17 @ 15:05:31



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FIML Natural Resources, LLC

15-20s-27w Lane KS

410 17th St. STE 900
Denver, CO 80202

Burnett #3-15-2027

ATTN: Jim Musgrove

Job Ticket: 48447

DST#: 2

Test Start: 2012.09.16 @ 07:43:00

GENERAL INFORMATION:

Formation: **Osage**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:10:30

Time Test Ended: 16:37:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 53

Interval: 4460.00 ft (KB) To 4520.00 ft (KB) (TVD)

Reference Elevations: 2233.00 ft (KB)

Total Depth: 4520.00 ft (KB) (TVD)

2223.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8522 Outside

Press @ Run Depth: 327.02 psig @ 4461.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.16

End Date:

2012.09.16

Last Calib.:

2012.09.16

Start Time:

07:43:05

End Time:

16:37:15

Time On Btm:

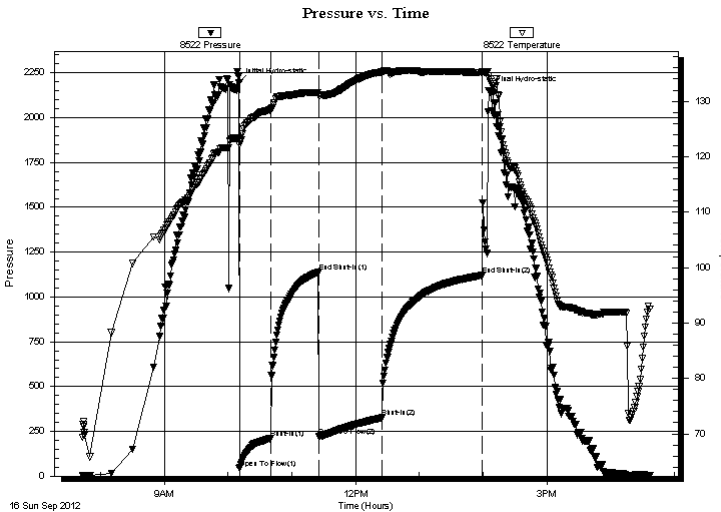
2012.09.16 @ 10:10:15

Time Off Btm:

2012.09.16 @ 14:05:15

TEST COMMENT: IF: BOB @ 10 min.
IS: Surface return.
FF: BOB @ 12 min.
FS: Surface return, died @ 45 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2197.50	123.37	Initial Hydro-static
1	44.88	122.15	Open To Flow (1)
30	212.63	128.52	Shut-In(1)
75	1138.04	131.57	End Shut-In(1)
75	220.72	131.02	Open To Flow (2)
135	327.02	135.32	Shut-In(2)
229	1120.33	135.17	End Shut-In(2)
235	2153.16	134.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	mco 40m 60o	0.20
780.00	gsmco 10g 5m 85o	7.96
0.00	no Gas detected by sight or smell	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources, LLC

15-20s-27w Lane KS

410 17th St. STE 900
Denver, CO 80202

Burnett #3-15-2027

ATTN: Jim Musgrove

Job Ticket: 48447

DST#: 2

Test Start: 2012.09.16 @ 07:43:00

Tool Information

Drill Pipe:	Length: 4103.00 ft	Diameter: 3.80 inches	Volume: 57.55 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: 25000.00 lb
Drill Collar:	Length: 367.00 ft	Diameter: 2.25 inches	Volume: 1.80 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 59.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4460.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	80.00 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			4441.00	
Shut In Tool	5.00			4446.00	
Hydraulic tool	5.00			4451.00	
Packer	5.00			4456.00	20.00 Bottom Of Top Packer
Packer	4.00			4460.00	
Stubb	1.00			4461.00	
Recorder	0.00	8677	Inside	4461.00	
Recorder	0.00	8522	Outside	4461.00	
Perforations	22.00			4483.00	
Change Over Sub	1.00			4484.00	
Drill Pipe	32.00			4516.00	
Change Over Sub	1.00			4517.00	
Bullnose	3.00			4520.00	60.00 Bottom Packers & Anchor

Total Tool Length: 80.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources, LLC

15-20s-27w Lane KS

410 17th St. STE 900
Denver, CO 80202

Burnett #3-15-2027

Job Ticket: 48447

DST#: 2

ATTN: Jim Musgrove

Test Start: 2012.09.16 @ 07:43:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 8.38 in³
Resistivity: ohm.m
Salinity: 4200.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 36 deg API
Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	mco 40m 60o	0.197
780.00	gsmco 10g 5m 85o	7.963
0.00	no Gas detected by sight or smell	0.000

Total Length: 820.00 ft Total Volume: 8.160 bbl

Num Fluid Samples: 0

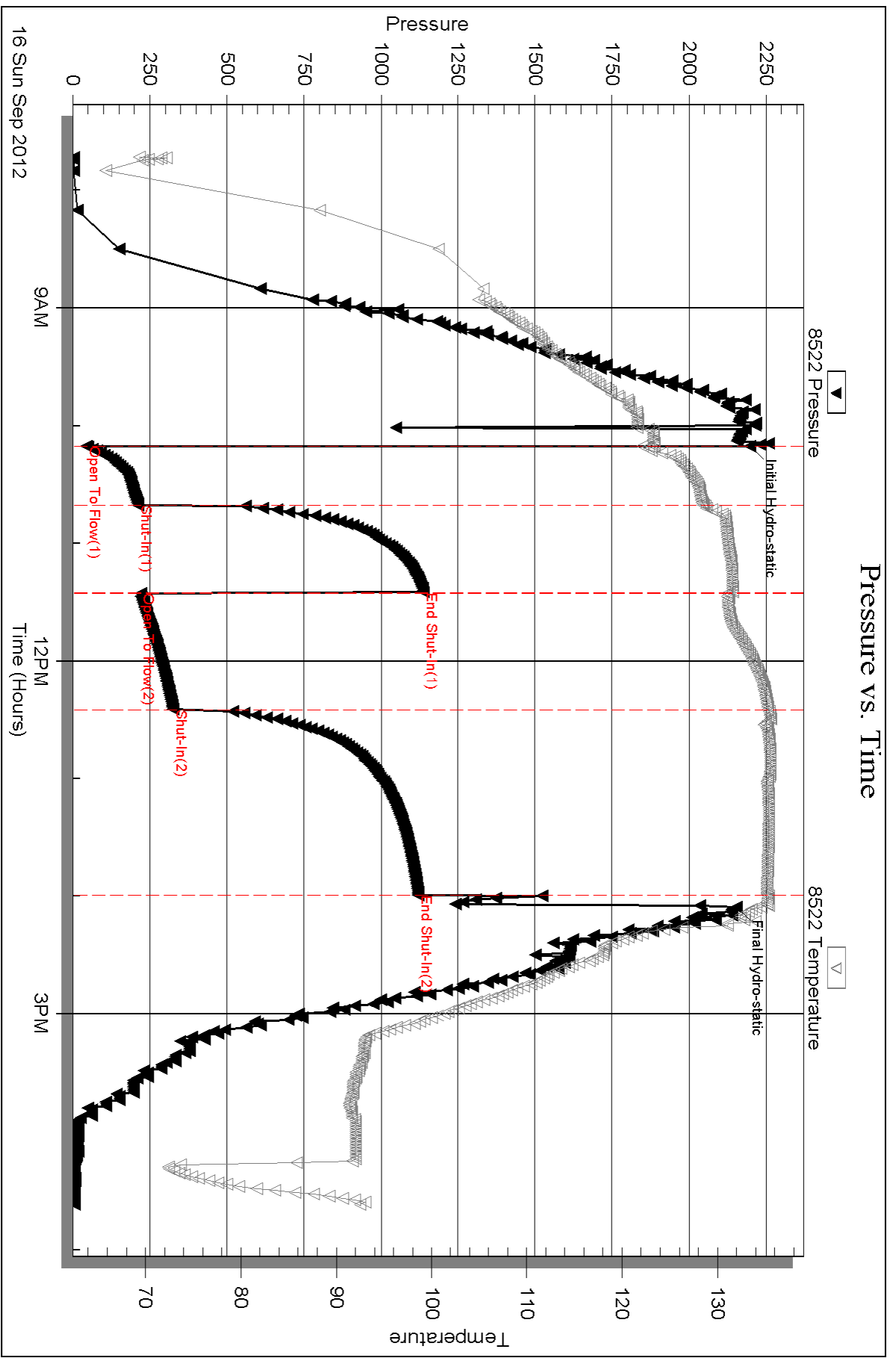
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



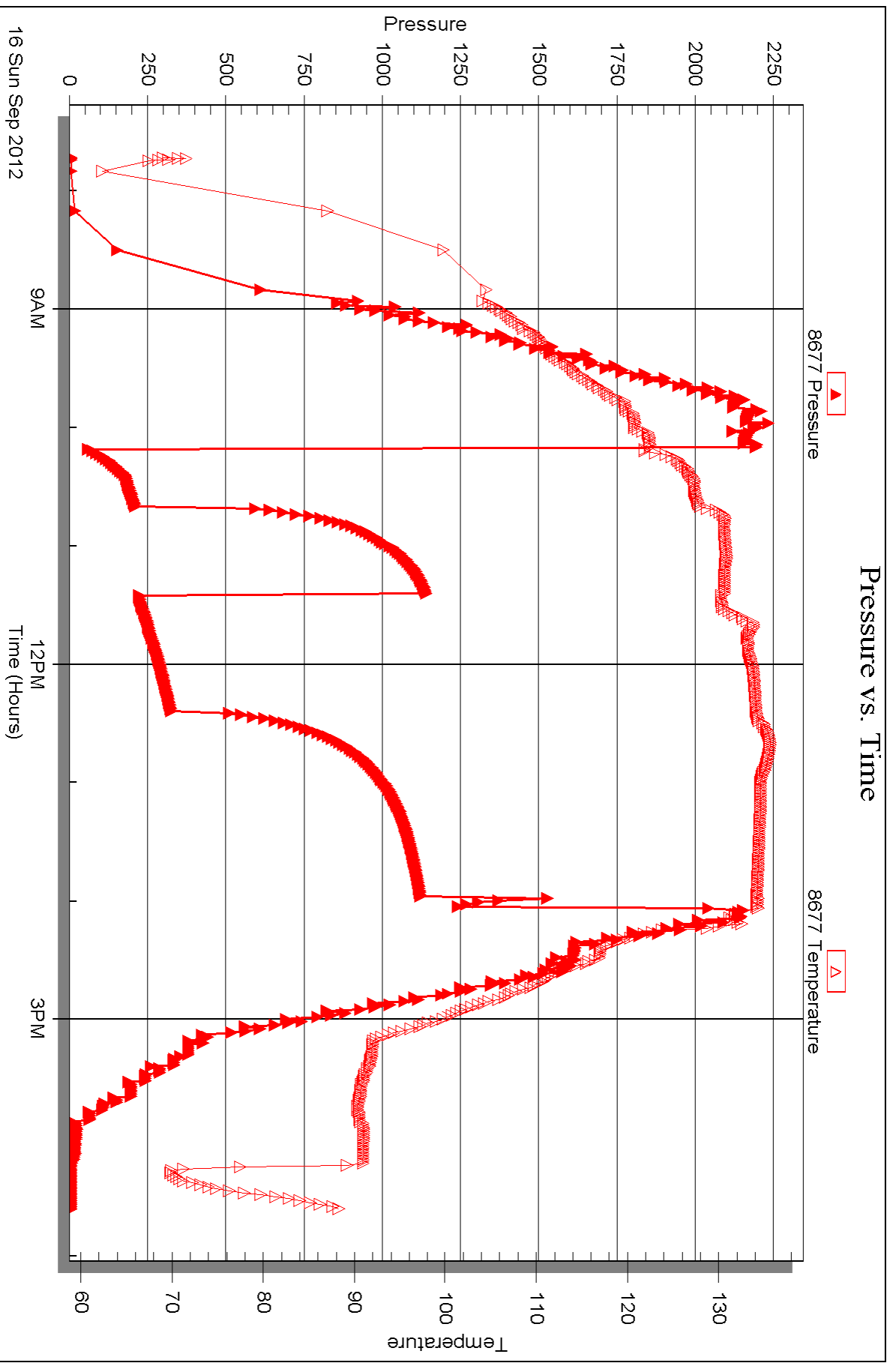
Serial #: 8677

Inside

FIML Natural Resources, LLC

Burnett #3-15-2027

DST Test Number: 2





DRILL STEM TEST REPORT

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

410 17th St. STE 900
Denver, CO 80202

ATTN: Jim Musgrove

Burnett #3-15-2027

15-20s-27w Lane KS

Start Date: 2012.09.16 @ 22:16:00

End Date: 2012.09.17 @ 07:30:00

Job Ticket #: 48448 DST #: 3

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

Printed: 2012.09.17 @ 15:04:41



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FIML Natural Resources, LLC

15-20s-27w Lane KS

410 17th St. STE 900
Denver, CO 80202

Burnett #3-15-2027

ATTN: Jim Musgrove

Job Ticket: 48448

DST#: 3

Test Start: 2012.09.16 @ 22:16:00

GENERAL INFORMATION:

Formation: **Osage**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:48:00

Time Test Ended: 07:30:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 53

Interval: 4520.00 ft (KB) To 4540.00 ft (KB) (TVD)

Reference Elevations: 2233.00 ft (KB)

Total Depth: 4520.00 ft (KB) (TVD)

2223.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8522 Outside

Press @ Run Depth: 374.88 psig @ 4521.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.16

End Date:

2012.09.17

Last Calib.:

2012.09.17

Start Time: 22:16:05

End Time:

07:30:00

Time On Btm:

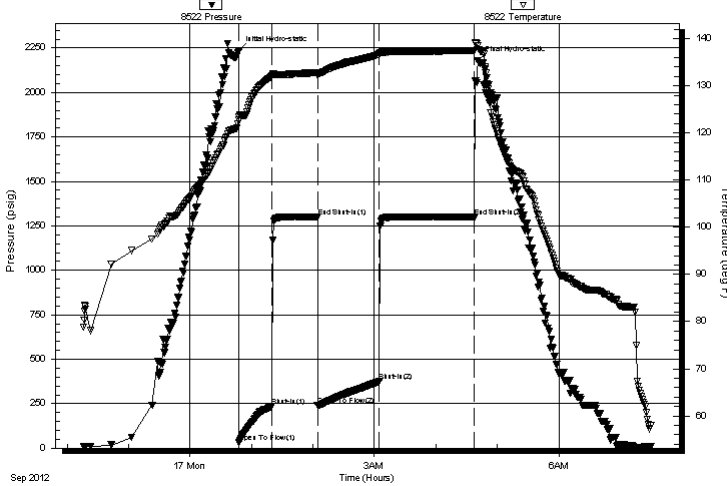
2012.09.17 @ 00:47:45

Time Off Btm:

2012.09.17 @ 04:40:45

TEST COMMENT: IF: BOB @ 10 min.
IS: surface blow.
FF: BOB @ 10 min.
FS: Surface blow.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2234.89	123.46	Initial Hydro-static
1	33.97	122.83	Open To Flow (1)
33	236.23	132.07	Shut-In(1)
77	1301.87	132.80	End Shut-In(1)
77	239.55	132.22	Open To Flow (2)
137	374.88	136.71	Shut-In(2)
230	1301.63	137.49	End Shut-In(2)
233	2179.79	138.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	w mco 30w 30m 400	0.89
730.00	go 20g 80o	7.69
0.00	110' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources, LLC

15-20s-27w Lane KS

410 17th St. STE 900
Denver, CO 80202

Burnett #3-15-2027

ATTN: Jim Musgrove

Job Ticket: 48448

DST#: 3

Test Start: 2012.09.16 @ 22:16:00

Tool Information

Drill Pipe:	Length: 4047.00 ft	Diameter: 3.80 inches	Volume: 56.77 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:	25000.00 lb
Drill Collar:	Length: 460.00 ft	Diameter: 2.25 inches	Volume: 2.26 bbl	Weight to Pull Loose:	90000.00 lb
			<u>Total Volume: 59.03 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	77000.00 lb
Depth to Top Packer:	4520.00 ft			Final	79000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	20.00 ft				
Tool Length:	40.00 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			4501.00	
Shut In Tool	5.00			4506.00	
Hydraulic tool	5.00			4511.00	
Packer	5.00			4516.00	20.00 Bottom Of Top Packer
Packer	4.00			4520.00	
Stubb	1.00			4521.00	
Recorder	0.00	8677	Inside	4521.00	
Recorder	0.00	8522	Outside	4521.00	
Perforations	16.00			4537.00	
Bullnose	3.00			4540.00	20.00 Bottom Packers & Anchor
Total Tool Length:	40.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources, LLC

15-20s-27w Lane KS

410 17th St. STE 900
Denver, CO 80202

Burnett #3-15-2027

Job Ticket: 48448

DST#: 3

ATTN: Jim Musgrove

Test Start: 2012.09.16 @ 22:16:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	w mco 30w 30m 400	0.885
730.00	go 20g 80o	7.689
0.00	110' GIP	0.000

Total Length: 910.00 ft Total Volume: 8.574 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

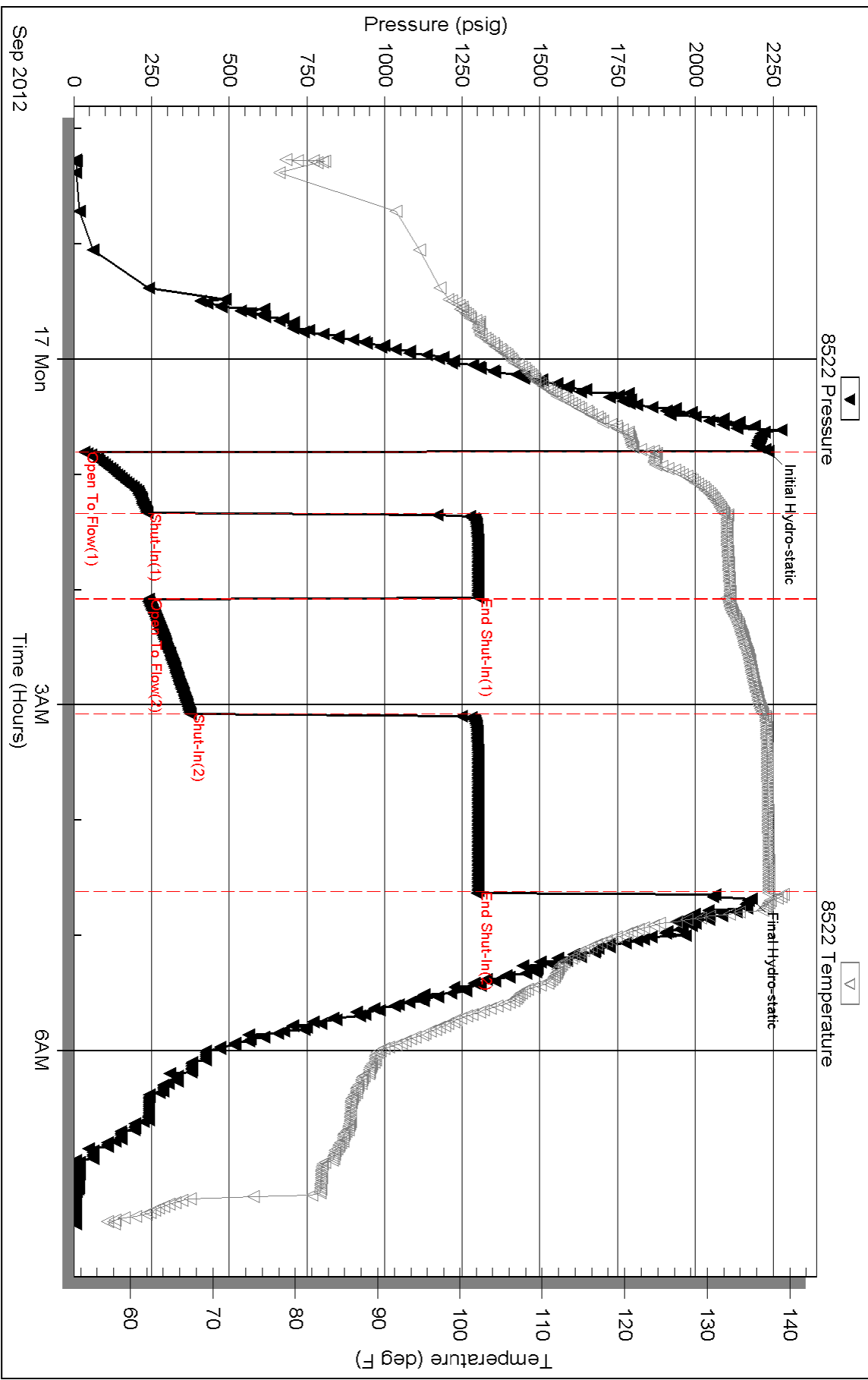
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



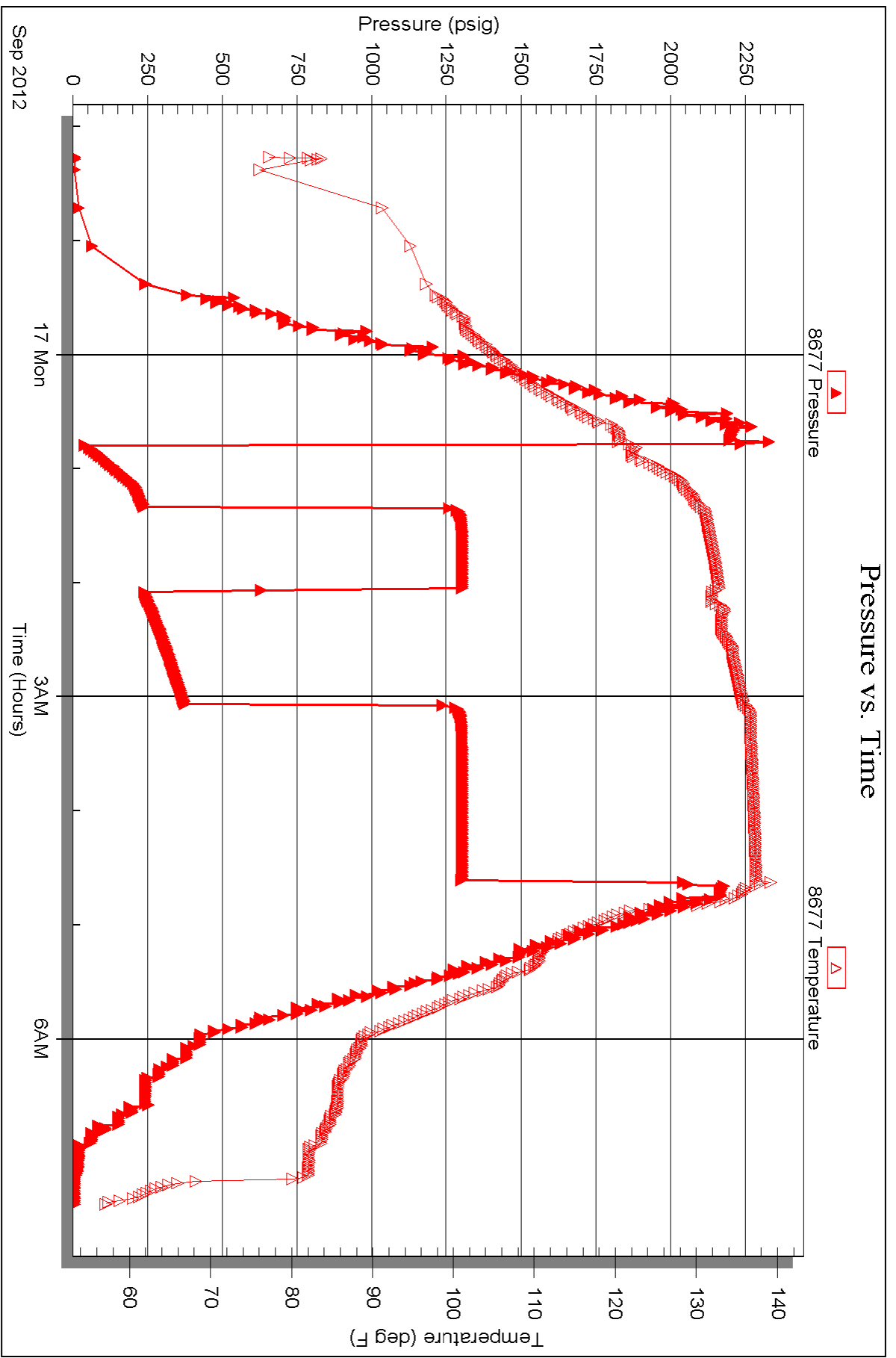
Serial #: 8677

Inside

FIML Natural Resources, LLC

Burnett #3-15-2027

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 48448

Printed: 2012.09.17 @ 15:04:46



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48446

Well Name & No. Burnett 3-15-2027 Test No. 1 Date 9/14/12
 Company FIML Natural Resources, LLC Elevation 2233 KB 2223 GL
 Address 410 17th St. STE 900 Denver, Co 80202
 Co. Rep / Geo. Gary Duke Rig 412 #1
 Location: Sec. 15 Twp. 20 S Rge. 27W Co. Lane State Kc

Interval Tested 4170 - 4220 Zone Tested LKC "I-5"
 Anchor Length 50 Drill Pipe Run 3795 Mud Wt. 9.2
 Top Packer Depth 4165 Drill Collars Run 367 Vis 50
 Bottom Packer Depth 4170 Wt. Pipe Run 0 WL 8.0
 Total Depth 4220 Chlorides 3900 ppm System LCM 2[#]

Blow Description IF: BOB@ 14 min.
ISJ: 1 1/2" return.
FF: BOB@ 20 min.
FSI: 3" return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>60</u>	<u>30</u>	<u>30</u>		
<u>230</u>	<u>60mcw 60mcw</u>	<u>15</u>	<u>10</u>	<u>60</u>	<u>15</u>
<u>190</u>	<u>mcw</u>			<u>90</u>	<u>10</u>
<u>430</u>	<u>GID</u>				

Rec Total 510 BHT 131 Gravity 36 API RW .120 @ 67 °F Chlorides 65,000 ppm

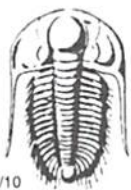
(A) Initial Hydrostatic 2094 Test 1250 T-On Location 1295
 (B) First Initial Flow 36 Jars T-Started 1305
 (C) First Final Flow 142 Safety Joint T-Open 1541
 (D) Initial Shut-In 1175 Circ Sub X T-Pulled 1926
 (E) Second Initial Flow 155 Hourly Standby T-Out 2155
 (F) Second Final Flow 247 Mileage 88 RT 136.40 Comments _____
 (G) Final Shut-In 1180 Sampler _____
 (H) Final Hydrostatic 2070 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 60
 Final Shut-In 90 Accessibility 150
 Sub Total 1536.40

Sub Total 0
 Total 1536.40
 MP/DST Disc't _____

Approved By [Signature] Our Representative [Signature]

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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48447

Well Name & No. Birnett 3-15-2027 Test No. 2 Date 9/16/12
 Company FJML Natural Resources Elevation 2233 KB 2223 GL
 Address 410 17th st STE 900 Denver, Co 80202
 Co. Rep / Geo. Gary Duke Rig H2 # 1
 Location: Sec. 15 Twp. 20S Rge. 27W Co. Lane State KS

Interval Tested 4460 Zone Tested Osage
 Anchor Length 4520 Drill Pipe Run 403 Mud Wt. 9.2
 Top Packer Depth 4455 Drill Collars Run 367 Vis 55
 Bottom Packer Depth 4460 Wt. Pipe Run 8 WL 8.4
 Total Depth 4520 Chlorides 4200 ppm System LCM 2#

Blow Description IF: BOB @ 10 min
ISI: Surface blow.
FF: BOB @ 12 min
FSI: Surface blow, died @ 45 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>780</u>	<u>GS mco</u>	<u>10</u>	<u>85</u>	<u>5</u>	
<u>40</u>	<u>mco</u>		<u>60</u>	<u>40</u>	
	<u>No GIP detected</u>				

Rec Total 820 BHT 136 Gravity 36 API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 2198 Test 1250 T-On Location 0730
 (B) First Initial Flow 45 Jars _____ T-Started 0742
 (C) First Final Flow 213 Safety Joint _____ T-Open 1011
 (D) Initial Shut-In 1138 Circ Sub W/C T-Pulled 1354
 (E) Second Initial Flow 221 Hourly Standby _____ T-Out 1636
 (F) Second Final Flow 327 Mileage 88 136.40 Comments _____
 (G) Final Shut-In 1120 Sampler _____
 (H) Final Hydrostatic 2153 Straddle _____ Ruined Shale Packer _____

Initial Open 30 Shale Packer _____ Ruined Packer _____
 Initial Shut-In 45 Extra Packer _____ Extra Copies _____
 Final Flow 60 Extra Recorder _____ Sub Total 0
 Final Shut-In 90 Day Standby _____ Total 1536.40
 Accessibility 150 MP/DST Disc't _____
 Sub Total 1536.40

Approved By [Signature] Our Representative [Signature]

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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48448

Well Name & No. Burnett 3-15-2027 Test No. 3 Date 9/17/12
 Company FIML Natural Resources Elevation 2233 KB 2223 GL
 Address 410 17th St STE 900 Denver, Co 80202
 Co. Rep / Geo. Gary Duke Rig H2 #1
 Location: Sec. 15 Twp. 20s Rge. 27w Co. Lane State Ks

Interval Tested 4520 - 4540 Zone Tested Osage
 Anchor Length 20' Drill Pipe Run 4047 Mud Wt. 9.3
 Top Packer Depth 4515 Drill Collars Run 460 Vis 55
 Bottom Packer Depth 4520 Wt. Pipe Run 8 WL 8.0
 Total Depth 4540 Chlorides 3100 ppm System LCM 2 #
 Blow Description IF: BOB @ 10 min.
IST: Surface blow
FF: BOB @ 10 min.
FSI: Surface blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>730</u>	<u>GO</u>	<u>20</u>	<u>80</u>		
<u>180</u>	<u>WMCD</u>		<u>40</u>	<u>30</u>	<u>30</u>
	<u>110' Gassy Oiler</u>				

Rec Total 910 BHT 139 Gravity 35 API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 2235 Test 1250 T-On Location 2200 9/16/12
 (B) First Initial Flow 34 Jars _____ T-Started 2216
 (C) First Final Flow 236 Safety Joint _____ T-Open 0049 9/17/12
 (D) Initial Shut-In 1302 Circ Sub N/C T-Pulled 0434
 (E) Second Initial Flow 240 Hourly Standby _____ T-Out 0730
 (F) Second Final Flow 375 Mileage 136.40 Comments _____
 (G) Final Shut-In 1302 Sampler _____
 (H) Final Hydrostatic 2180 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 45 Day Standby _____ Total 1536.40
 Final Flow 60 Accessibility 150 MP/DST Disc't _____
 Final Shut-In 90 Sub Total 1536.40

Approved By [Signature] Our Representative [Signature]

TriLOBITE Testing Inc. shall not be liable for damages 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.



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 132675

Invoice Date: Sep 10, 2012

Page: 1



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	Burnett #3-15	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Sep 10, 2012	10/10/12

Quantity	Item	Description	Unit Price	Amount
240.00	MAT	Class A Common	17.90	4,296.00
5.00	MAT	Gel	23.40	117.00
9.00	MAT	Chloride	64.00	576.00
60.00	MAT	Flo Seal	2.97	178.20
263.52	SER	Cubic Feet	2.48	653.53
949.91	SER	Ton Mileage	2.60	2,469.79
1.00	SER	Surface	1,512.25	1,512.25
80.00	SER	Pump Truck Mileage	7.70	616.00
1.00	SER	Manifold & Head Rental	275.00	275.00
80.00	SER	Light Vehicle Mileage	4.40	352.00
1.00	EQP	8.5/8 Wooden Plug	107.64	107.64
3.00	EQP	8.5/8 Centralizer	74.88	224.64
1.00	JOB DISC	Job Discount if paid by 10/10/12	2,616.95	-2,616.95
1.00	CEMENTER	Alan Ryan		
1.00	EQUIP OPER	Wayne Mc Ghghy		

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

\$

ONLY IF PAID ON OR BEFORE
Oct 5, 2012

Subtotal	8,761.10
Sales Tax	346.47
Total Invoice Amount	9,107.57
Payment/Credit Applied	
TOTAL	9,107.57

ALLIED OIL & GAS SERVICES, LLC 058762

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Oradley, KS

DATE <i>9/10/12</i>	SEC. <i>15</i>	TWP. <i>20</i>	RANGE <i>27</i>	CALLED OUT	ON LOCATION	JOB START <i>7:00</i>	JOB FINISH <i>7:20</i>
LEASE <i>Burgett</i>	WELL# <i>3-15</i>	LOCATION <i>Dighton 10 E 10 1/2 SE 1/4</i>			COUNTY <i>Lane</i>	STATE <i>KS</i>	
OLD OR (NEW) (Circle one)							

CONTRACTOR *H2 1*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *394*

CASING SIZE *8 5/8* DEPTH *394*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *± 40'*

PERFS.

DISPLACEMENT *22.51 cu* ~~*24.1423*~~

EQUIPMENT

PUMP TRUCK CEMENTER *Alan Ryan*

422 HELPER *Wayne McGloughy*

BULK TRUCK

347 DRIVER *Omar (TWS)*

BULK TRUCK

DRIVER

OWNER *Jane*

CEMENT

AMOUNT ORDERED *240 SK's Com 3970 CC*

270 Gel 14 Flo Seal

COMMON <i>240 SK's</i>	@ <i>17.90</i>	<i>4296.00</i>
POZMIX	@	
GEL <i>5</i>	@ <i>23.40</i>	<i>117.00</i>
CHLORIDE <i>9</i>	@ <i>64.00</i>	<i>576.00</i>
ASC	@	
<i>Flo Seal 6016</i>	@ <i>2.27</i>	<i>128.20</i>
	@	
	@	
	@	
	@	
	@	
HANDLING <i>263.52 CF</i>	@ <i>2.48</i>	<i>653.53</i>
MILEAGE <i>22.51 x 11.874 per mile</i>		<i>2469.22</i>
TOTAL		<i>8290.52</i>

REMARKS:

Run Coy, Circulate, Mix Cement, Displace Cement, Shut in

Cement Did Circulate

Alan, Wayne, Omar

SERVICE

DEPTH OF JOB *394'*

PUMP TRUCK CHARGE *1512.25*

EXTRA FOOTAGE @

MILEAGE *80 miles* @ *7.20* *616.00*

MANIFOLD *Head* @ *275.00*

6 vehicle 80 miles @ *4.40* *352.00*

TOTAL *2255.25*

PLUG & FLOAT EQUIPMENT

8 5/8 Woods Plug

Centralizers B @ *24.00* *127.64*

TOTAL *332.28*

CHARGE TO: *FIM C*

STREET

CITY STATE ZIP

To: Allied Oil & Gas Services, 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 Dale*

SIGNATURE *Gary Dale*

SALES TAX (If Any)

TOTAL CHARGES *11,378.05*

DISCOUNT IF PAID IN 30 DAYS

2370



PO Box 93999
 Southlake, TX 76092

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

INVOICE

Invoice Number: 132798

Invoice Date: Sep 18, 2012

Page: 1



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	Burnett #3-15-2027	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Sep 18, 2012	10/18/12

Quantity	Item	Description	Unit Price	Amount
620.00	MAT	ALW Type II	15.95	9,889.00
3,100.00	MAT	Gilsonite	0.98	3,038.00
155.00	MAT	Flo Seal	2.97	460.35
763.41	SER	Cubic Feet	2.48	1,893.26
2,433.60	SER	Ton Mileage	2.60	6,327.36
1.00	SER	Production -- Top Stage	2,406.25	2,406.25
80.00	SER	Pump Truck Mileage -- No Charge		
80.00	SER	Light Vehicle Mileage -- No Charge		
1.00	JOB DISC	Job Discount if paid by 10/18/12	6,723.98	-6,723.98
1.00	CEMENTER	LaRene Wentz		
1.00	EQUIP OPER	Dane Retzloff		
1.00	OPER ASSIST	Chris Helpingstine		
1.00	OPER ASSIST	D J Gray		
1.00	OPER ASSIST	Jeremy Sterger		

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

\$

ONLY IF PAID ON OR BEFORE
Oct 13, 2012

Subtotal	17,290.24
Sales Tax	843.40
Total Invoice Amount	18,133.64
Payment/Credit Applied	
TOTAL	18,133.64



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 132797
Invoice Date: Sep 18, 2012
Page: 1



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	Burnett #3-15-2027	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Sep 18, 2012	10/18/12

Quantity	Item	Description	Unit Price	Amount
5.00	MAT	Gel	23.40	117.00
285.00	MAT	ASC	20.90	5,956.50
1,425.00	MAT	Gilsonite	0.98	1,396.50
30.00	MAT	Salt	26.35	790.50
71.00	MAT	Flo Seal	2.97	210.87
12.00	MAT	Super Flush	58.70	704.40
369.46	SER	Cubic Feet	2.48	916.26
1,276.80	SER	Ton Mileage	2.60	3,319.68
1.00	SER	Production -- Bottom Stage	2,765.75	2,765.75
80.00	SER	Pump Truck Mileage	7.70	616.00
1.00	SER	Manifold Head Rental	275.00	275.00
80.00	SER	Light Vehicle Mileage	4.40	352.00
1.00	EQP	5.5 D V Tool	5,335.26	5,335.26
1.00	EQP	5.5 Sure Seal Float Shoe	608.40	608.40
1.00	EQP	5.5 Sure Seal Float Collar	725.40	725.40
25.00	EQP	5.5 Centralizer	57.33	1,433.25
2.00	EQP	5.5 Basket	394.29	788.58
1.00	JOB DISC	Job Discount if paid by 10-18-12	5,656.94	-5,656.94
1.00	CEMENTER	LaRene Wentz		
1.00	EQUIP OPER	Dane Retzloff		
1.00	OPER ASSIST	Jeremy Sterger		

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

\$

ONLY IF PAID ON OR BEFORE
Oct 13, 2012

Subtotal	Continued
Sales Tax	Continued
Total Invoice Amount	Continued
Payment/Credit Applied	
TOTAL	Continued



PO Box 93999
 Southlake, TX 76092

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

INVOICE

Invoice Number: 132797
 Invoice Date: Sep 18, 2012
 Page: 2



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	Burnett #3-15-2027	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Sep 18, 2012	10/18/12

Quantity	Item	Description	Unit Price	Amount
1.00	OPER ASSIST	Chris Helpingstine		
1.00	OPER ASSIST	D J Gray		

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

\$

ONLY IF PAID ON OR BEFORE
 Oct 13, 2012

Subtotal	20,654.41
Sales Tax	1,138.20
Total Invoice Amount	21,792.61
Payment/Credit Applied	
TOTAL	21,792.61

ALLIED OIL & GAS SERVICES, LLC 056316

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Daklar, ks

DATE <i>9-18-12</i>	SEC. <i>15</i>	TWP. <i>20</i>	RANGE <i>27</i>	CALLED OUT	ON LOCATION <i>11:30am</i>	JOB START <i>5:00 pm</i>	JOB FINISH <i>6:00 pm</i>
LEASE <i>Burnett</i>	WELL# <i>3-15-2007</i>	LOCATION <i>Dighton 9 E, 11 S, Einfo</i>			COUNTY <i>Lane</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)							

CONTRACTOR *H2 Rig #1*
 TYPE OF JOB *Production Bottom Stage*
 HOLE SIZE *2 7/8* T.D. *4684*
 CASING SIZE *5 1/2* DEPTH *4686.70*
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL *DU* DEPTH *2985.45*
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT *21.72*
 CEMENT LEFT IN CSG. *21.72*
 PERFS.
 DISPLACEMENT *110.31 661*

OWNER *Same*
 CEMENT
 AMOUNT ORDERED *285 sks ASC 10% salt*
290 gal 5# gilsonite 2 1/4" # flo-seal
12 661 super flush

EQUIPMENT
 PUMP TRUCK CEMENTER *LaRene S. Wentz*
 # *431* HELPER *Dane Retzlaff*
 BULK TRUCK
 # *376/306* DRIVER *Jeremy Stager*
 BULK TRUCK
 # *540/287* DRIVER *Chris Helping Stine*
404 D.S. Gray

COMMON @
 POZ MIX @
 GEL *5 sks* @ *23.40* *112.00*
 CHLORIDE @
 ASC *285 sks* @ *20.90* *5956.30*
gilsonite 1425# @ *.98* *1396.50*
 salt *205 sks* @ *26.35* *790.50*
 " @
 flo-seal *71#* @ *2.77* *210.87*
 " @
 Super flush *12 661* @ *58.70* *704.40*
 HANDLING *362.46 FT3* @ *2.53* *916.26*
 MILEAGE *15.26 hrs x 80 x 260* *3519.68*
 TOTAL *13411.71*

REMARKS:

pump water spacer, mix super flush
 pump water spacer, mix 285 sks
 cement, Displace with water &
 mud, hand plug 2000# float held,
 open DUT of 500#.
 Circulate 4 hrs.

Thank you.

SERVICE

DEPTH OF JOB *4686.70'*
 PUMP TRUCK CHARGE *2765.75*
 EXTRA FOOTAGE @
 MILEAGE *80* @ *2.70* *216.00*
 MANIFOLD *head.* @ *4.40* *275.00*
L.V. mileage 80 @ *4.25* *352.00*
 @

TOTAL *4038.75*

CHARGE TO: *FIML*
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

use float head
DU tool *5835.26*
Surseal float shoe @ *688.40*
surseal float collar @ *725.40*
(2) Centralizers @ *52.33* *1483.23*
(2) Baskets @ *394.29* *788.58*
 @
 TOTAL *8890.89*

To: Allied Oil & Gas Services, 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 *26,311.35*
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME *Gary Duke*
 SIGNATURE *Gary Duke*

21.5%