



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1156350
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 |
|-----------------------------------|-----------------|-----------------------------------------|

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: _____



1156350

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 <i>(Attach Additional Sheets)</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input type="checkbox"/> Yes <input type="checkbox"/> No | Name | Top | Datum |
| 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: | | | | |

| 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: _____ _____ |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|

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

August 27, 2013

Kristen Quoy-Hain
FIML Natural Resources, LLC
410 17TH ST STE 900
DENVER, CO 80202-4420

Re: ACO1
API 15-171-20888-00-00
Moore Trust 7D-30-1831
NE/4 Sec.30-18S-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,
Kristen Quoy-Hain



DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources, Inc.**

410 17th St. STE 900
Denver, CO 80202

ATTN: Gary Doke

S30-18-31 Scott, KS

Moore Trust #7D 30-1831

Start Date: 2013.06.20 @ 08:20:00

End Date: 2013.06.20 @ 15:49:09

Job Ticket #: 51761 DST #: 1

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

Printed: 2013.06.24 @ 15:52:23

FIML Natural Resources, Inc.

Moore Trust #7D 30-1831

S30-18-31 Scott, KS

DST # 1

LKC, J, K

2013.06.20



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FIML Natural Resources, Inc.

410 17th St. STE 900
Denver, CO 80202

ATTN: Gary Doke

Moore Trust #7D 30-1831

S30-18-31 Scott, KS

Job Ticket: 51761

DST#: 1

Test Start: 2013.06.20 @ 08:20:00

GENERAL INFORMATION:

Formation: **LKC 'J, K'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:50:10

Time Test Ended: 15:49:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

Interval: 4217.00 ft (KB) To 4270.00 ft (KB) (TVD)

Reference Elevations: 2989.00 ft (KB)

Total Depth: 4270.00 ft (KB) (TVD)

2978.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 247.46 psig @ 4218.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.06.20

End Date:

2013.06.20

Last Calib.:

2013.06.20

Start Time:

08:20:02

End Time:

15:49:10

Time On Btm:

2013.06.20 @ 10:48:40

Time Off Btm:

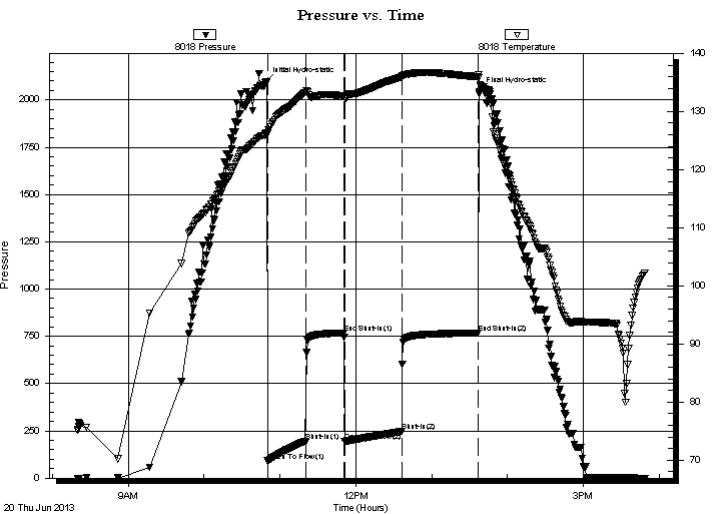
2013.06.20 @ 13:37:20

TEST COMMENT: 11" Blow . Tool slid 9 to 10 feet.

No return.

10" Blow .

No return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2098.48 | 126.13 | Initial Hydro-static |
| 2 | 91.37 | 126.18 | Open To Flow (1) |
| 32 | 192.65 | 133.36 | Shut-In(1) |
| 63 | 768.17 | 132.67 | End Shut-In(1) |
| 63 | 195.58 | 132.38 | Open To Flow (2) |
| 108 | 247.46 | 135.95 | Shut-In(2) |
| 169 | 767.80 | 135.98 | End Shut-In(2) |
| 169 | 2046.35 | 136.36 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------------|--------------|
| 368.00 | MW 35m 65w | 1.81 |
| 140.00 | M 100m | 1.96 |
| 0.00 | 15 PPM H2S gas during recovery. | 0.00 |
| | | |
| | | |

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FIML Natural Resources, Inc.

410 17th St. STE 900
Denver, CO 80202

ATTN: Gary Doke

Moore Trust #7D 30-1831

S30-18-31 Scott, KS

Job Ticket: 51761

DST#: 1

Test Start: 2013.06.20 @ 08:20:00

GENERAL INFORMATION:

Formation: **LKC 'J, K'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:50:10

Time Test Ended: 15:49:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

Interval: 4217.00 ft (KB) To 4270.00 ft (KB) (TVD)

Reference Elevations: 2989.00 ft (KB)

Total Depth: 4270.00 ft (KB) (TVD)

2978.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6751 Outside

Press @ Run Depth: psig @ 4218.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.06.20 End Date: 2013.06.20

Last Calib.: 2013.06.20

Start Time: 08:20:05 End Time: 15:49:10

Time On Btm:

Time Off Btm:

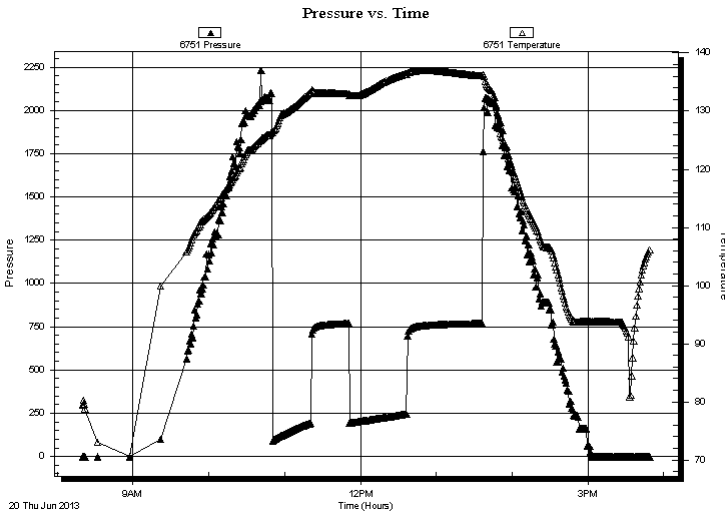
TEST COMMENT: 11" Blow . Tool slid 9 to 10 feet.

No return.

10" Blow .

No return.

PRESSURE SUMMARY



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

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------------|--------------|
| 368.00 | MW 35m 65w | 1.81 |
| 140.00 | M 100m | 1.96 |
| 0.00 | 15 PPM H2S gas during recovery. | 0.00 |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources, Inc.

Moore Trust #7D 30-1831

410 17th St. STE 900
Denver, CO 80202

S30-18-31 Scott, KS

Job Ticket: 51761

DST#: 1

ATTN: Gary Doke

Test Start: 2013.06.20 @ 08:20:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3835.00 ft | Diameter: 3.80 inches | Volume: 53.79 bbl | Tool Weight: 2000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: inches | Volume: 0.00 bbl | Weight set on Packer: 20000.00 lb |
| Drill Collar: | Length: 368.00 ft | Diameter: 2.25 inches | Volume: 1.81 bbl | Weight to Pull Loose: 85000.00 lb |
| | | | <u>Total Volume: 55.60 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 6.00 ft | | | String Weight: Initial 68000.00 lb |
| Depth to Top Packer: | 4217.00 ft | | | Final 70000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 53.00 ft | | | |
| Tool Length: | 73.00 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 | | | 4198.00 | |
| Shut In Tool | 5.00 | | | 4203.00 | |
| Hydraulic tool | 5.00 | | | 4208.00 | |
| Packer | 5.00 | | | 4213.00 | 20.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4217.00 | |
| Stubb | 1.00 | | | 4218.00 | |
| Recorder | 0.00 | 8018 | Inside | 4218.00 | |
| Recorder | 0.00 | 6751 | Outside | 4218.00 | |
| Perforations | 16.00 | | | 4234.00 | |
| Change Over Sub | 1.00 | | | 4235.00 | |
| Drill Pipe | 31.00 | | | 4266.00 | |
| Bullnose | 1.00 | | | 4267.00 | |
| Bullnose | 3.00 | | | 4270.00 | 53.00 Bottom Packers & Anchor |

Total Tool Length: 73.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources, Inc.

Moore Trust #7D 30-1831

410 17th St. STE 900
Denver, CO 80202

S30-18-31 Scott, KS

Job Ticket: 51761

DST#: 1

ATTN: Gary Doke

Test Start: 2013.06.20 @ 08:20:00

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:

36000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|----------------------------------------------|----------------|
| 368.00 | MW 35m 65w | 1.810 |
| 140.00 | M 100m | 1.964 |
| 0.00 | 15 PPM H ₂ S gas during recovery. | 0.000 |

Total Length: 508.00 ft Total Volume: 3.774 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

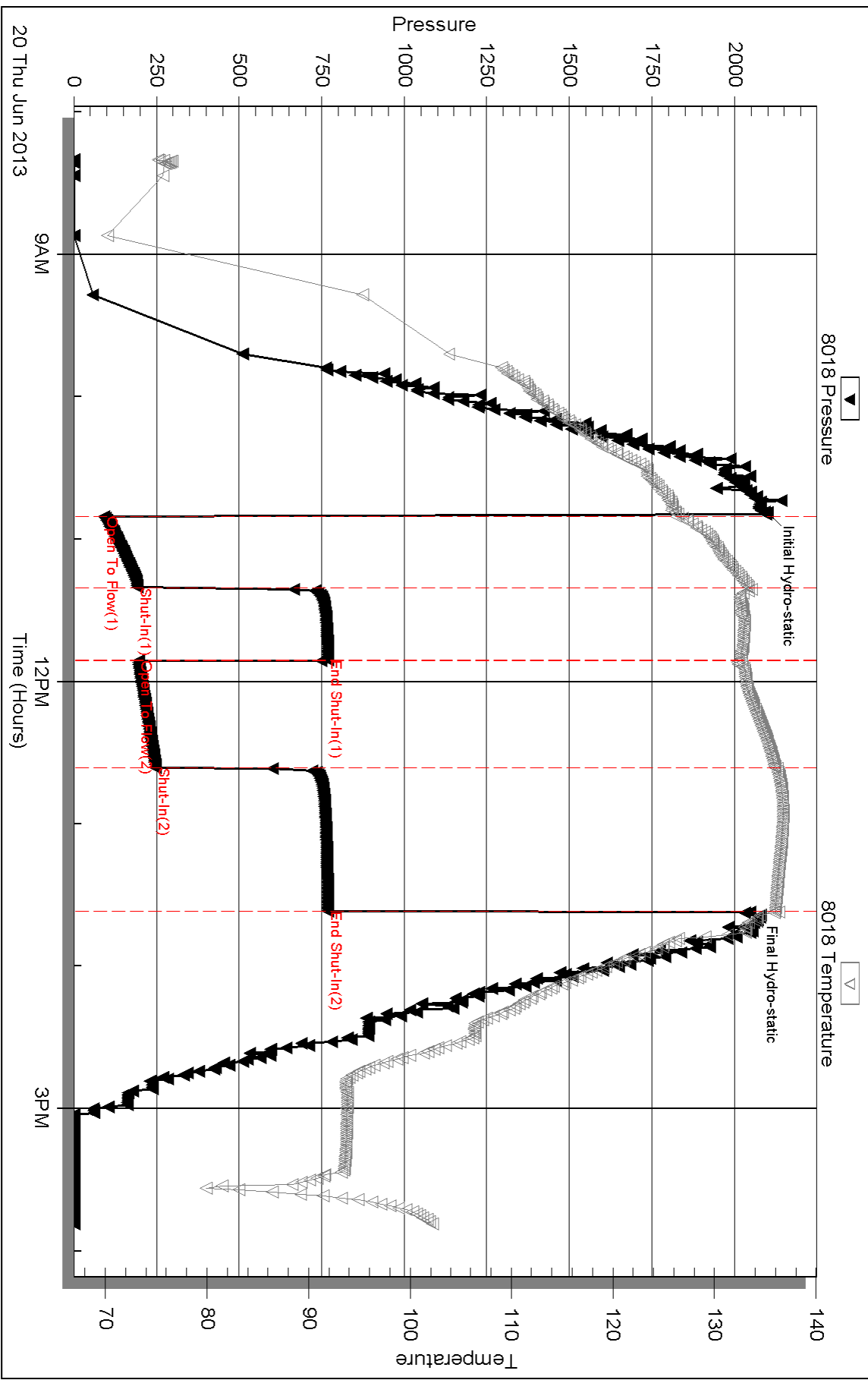
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .160 @ 88 degrees F = 36000 PPM

Pressure vs. Time

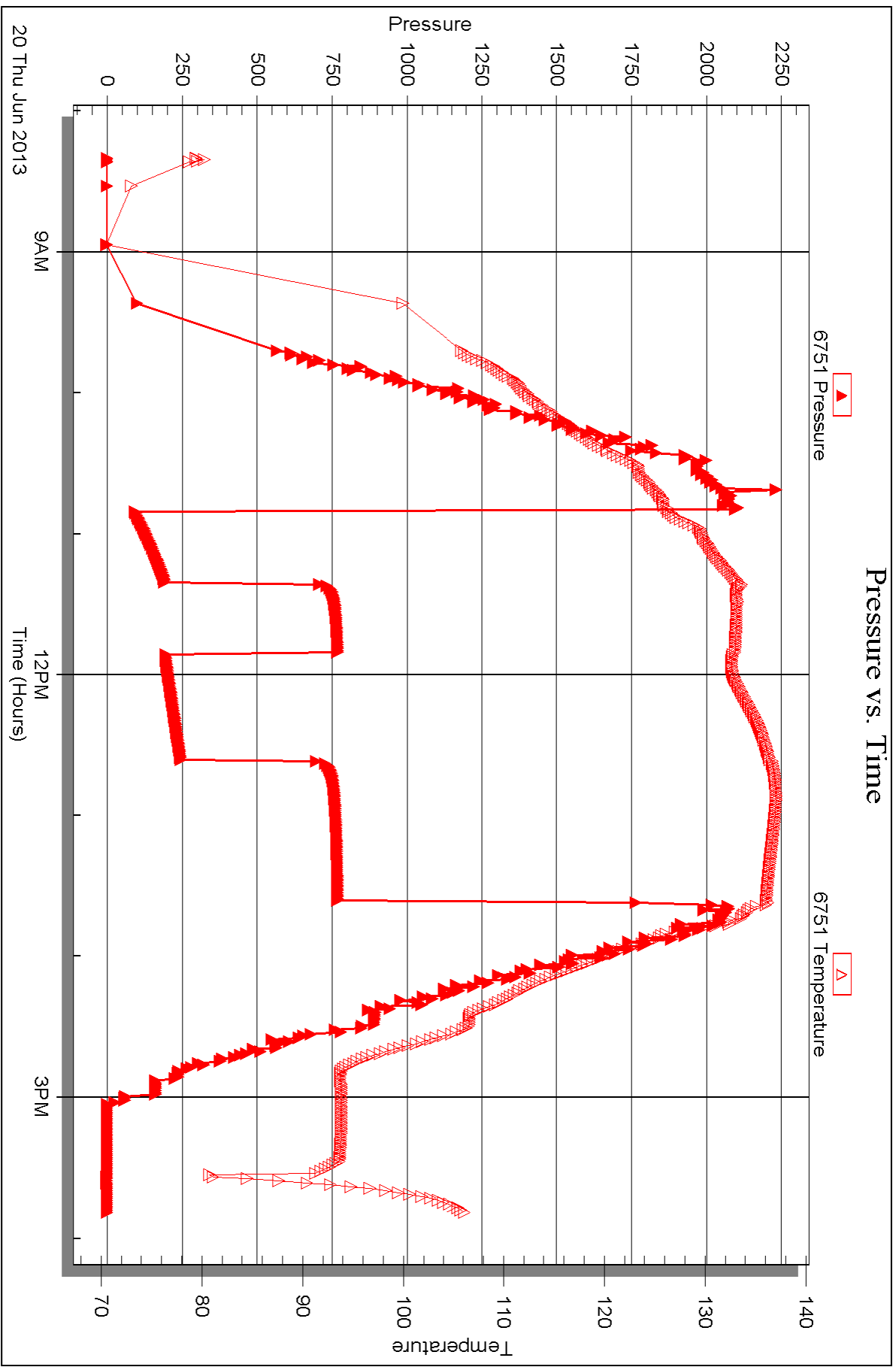


Serial #: 6751

Outside FIML Natural Resources, Inc.

S30-18-31 Scott, KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources, Inc.**

410 17th St. STE 900
Denver, CO 80202

ATTN: Gary Doke

S30-18-31 Scott, KS

Moore Trust #7D 30-1831

Start Date: 2013.06.21 @ 02:02:00

End Date: 2013.06.21 @ 09:55:39

Job Ticket #: 51762 DST #: 2

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

Printed: 2013.06.24 @ 15:51:46

FIML Natural Resources, Inc.

Moore Trust #7D 30-1831

S30-18-31 Scott, KS

DST # 2

LKC 'L'

2013.06.21



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FIML Natural Resources, Inc.

Moore Trust #7D 30-1831

410 17th St. STE 900
Denver, CO 80202

S30-18-31 Scott, KS

ATTN: Gary Duke

Job Ticket: 51762

DST#: 2

Test Start: 2013.06.21 @ 02:02:00

GENERAL INFORMATION:

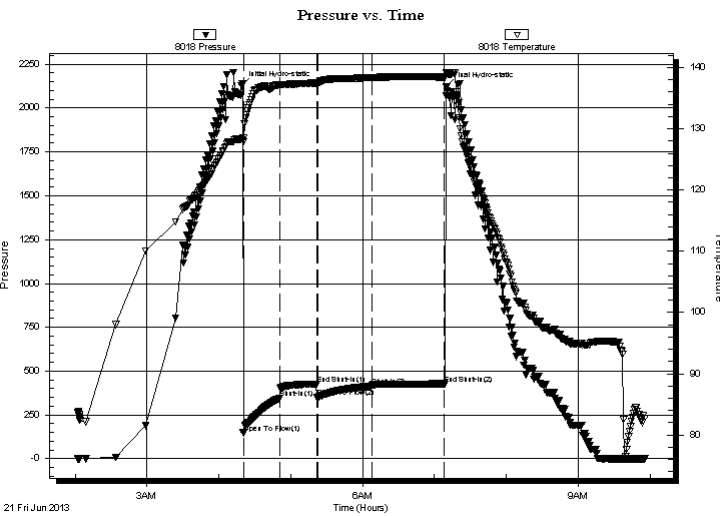
Formation: **LKC 'L'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:20:20
 Time Test Ended: 09:55:39
 Interval: **4289.00 ft (KB) To 4316.00 ft (KB) (TVD)**
 Total Depth: 4316.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 2989.00 ft (KB)
 2978.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 414.50 psig @ 4293.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.06.21 End Date: 2013.06.21 Last Calib.: 2013.06.21
 Start Time: 02:02:02 End Time: 09:55:40 Time On Btm: 2013.06.21 @ 04:18:40
 Time Off Btm: 2013.06.21 @ 07:10:00

TEST COMMENT: B.O.B. @ 3 1/2 min.
 B.O.B. @ 10 min.
 B.O.B. @ 6 1/2 Min.
 6" Return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2129.18 | 128.23 | Initial Hydro-static |
| 2 | 145.38 | 127.85 | Open To Flow (1) |
| 33 | 345.61 | 137.19 | Shut-In(1) |
| 63 | 425.75 | 137.46 | End Shut-In(1) |
| 64 | 349.64 | 137.43 | Open To Flow (2) |
| 109 | 414.50 | 138.36 | Shut-In(2) |
| 170 | 428.05 | 138.44 | End Shut-In(2) |
| 172 | 2124.76 | 139.04 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------|--------------|
| 185.00 | GMCO 45g 25m 30o | 0.91 |
| 183.00 | GMCO 25g 15m 60o | 0.90 |
| 380.00 | CGO 25g 75o | 5.33 |
| 332.00 | CGO 50g 50o | 4.66 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources, Inc.

Moore Trust #7D 30-1831

410 17th St. STE 900
Denver, CO 80202

S30-18-31 Scott, KS

ATTN: Gary Doke

Job Ticket: 51762

DST#: 2

Test Start: 2013.06.21 @ 02:02:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3930.00 ft | Diameter: 3.80 inches | Volume: 55.13 bbl | Tool Weight: 2000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: inches | Volume: 0.00 bbl | Weight set on Packer: 20000.00 lb |
| Drill Collar: | Length: 368.00 ft | Diameter: 2.25 inches | Volume: 1.81 bbl | Weight to Pull Loose: 85000.00 lb |
| | | | <u>Total Volume: 56.94 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 29.00 ft | | | String Weight: Initial 70000.00 lb |
| Depth to Top Packer: | 4289.00 ft | | | Final 76000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 27.00 ft | | | |
| Tool Length: | 47.00 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 | | | 4270.00 | |
| Shut In Tool | 5.00 | | | 4275.00 | |
| Hydraulic tool | 5.00 | | | 4280.00 | |
| Packer | 5.00 | | | 4285.00 | 20.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4289.00 | |
| Stubb | 1.00 | | | 4290.00 | |
| Perforations | 3.00 | | | 4293.00 | |
| Recorder | 0.00 | 8018 | Inside | 4293.00 | |
| Recorder | 0.00 | 6751 | Outside | 4293.00 | |
| Perforations | 20.00 | | | 4313.00 | |
| Bullnose | 3.00 | | | 4316.00 | 27.00 Bottom Packers & Anchor |

Total Tool Length: 47.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources, Inc.

Moore Trust #7D 30-1831

410 17th St. STE 900
Denver, CO 80202

S30-18-31 Scott, KS

Job Ticket: 51762

DST#: 2

ATTN: Gary Doke

Test Start: 2013.06.21 @ 02:02:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 53.00 sec/qt
Water Loss: 7.17 in³
Resistivity: ohm.m
Salinity: 1500.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 31 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------|---------------|
| 185.00 | GMCO 45g 25m 30o | 0.910 |
| 183.00 | GMCO 25g 15m 60o | 0.900 |
| 380.00 | CGO 25g 75o | 5.330 |
| 332.00 | CGO 50g 50o | 4.657 |

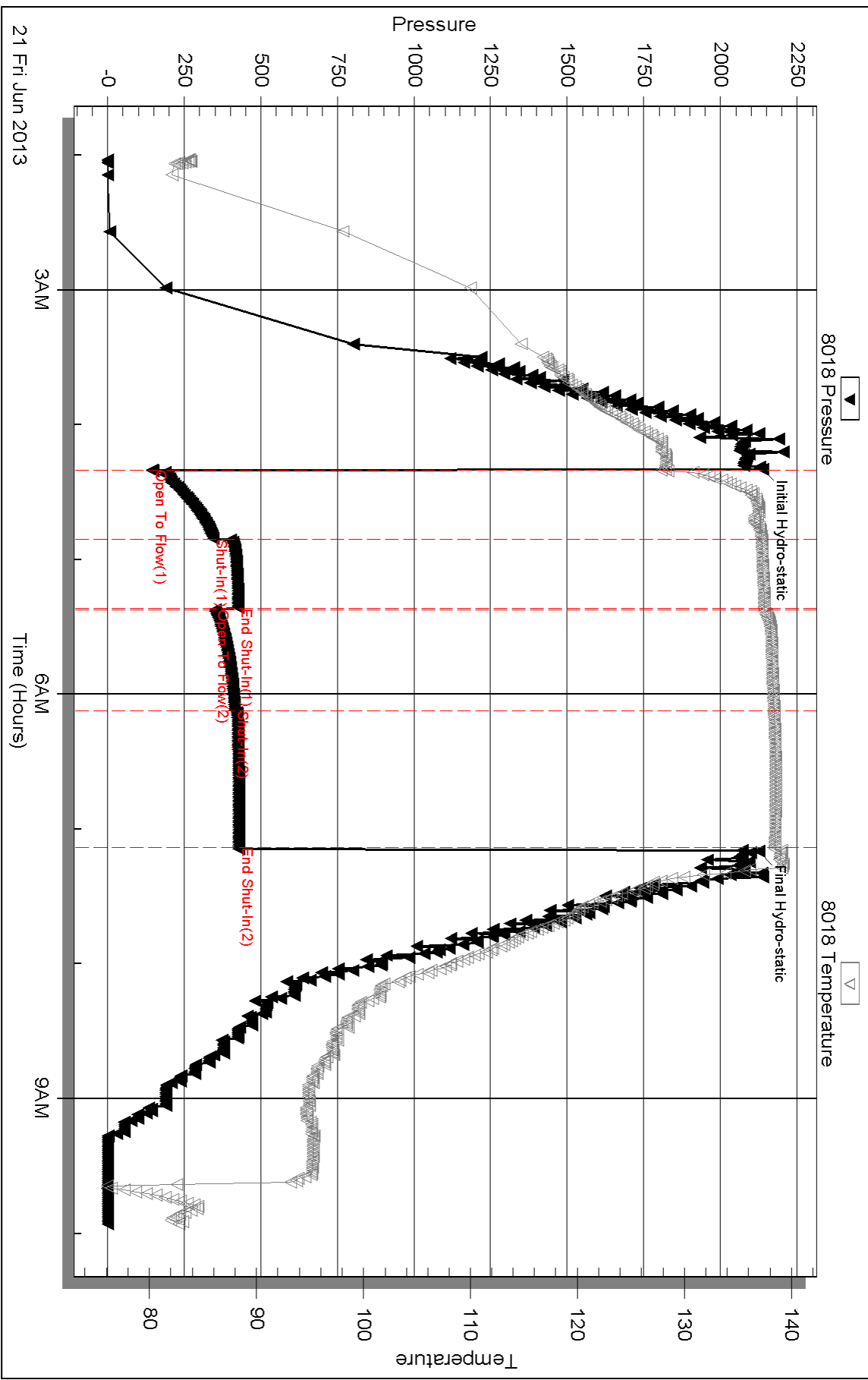
Total Length: 1080.00 ft Total Volume: 11.797 bbl

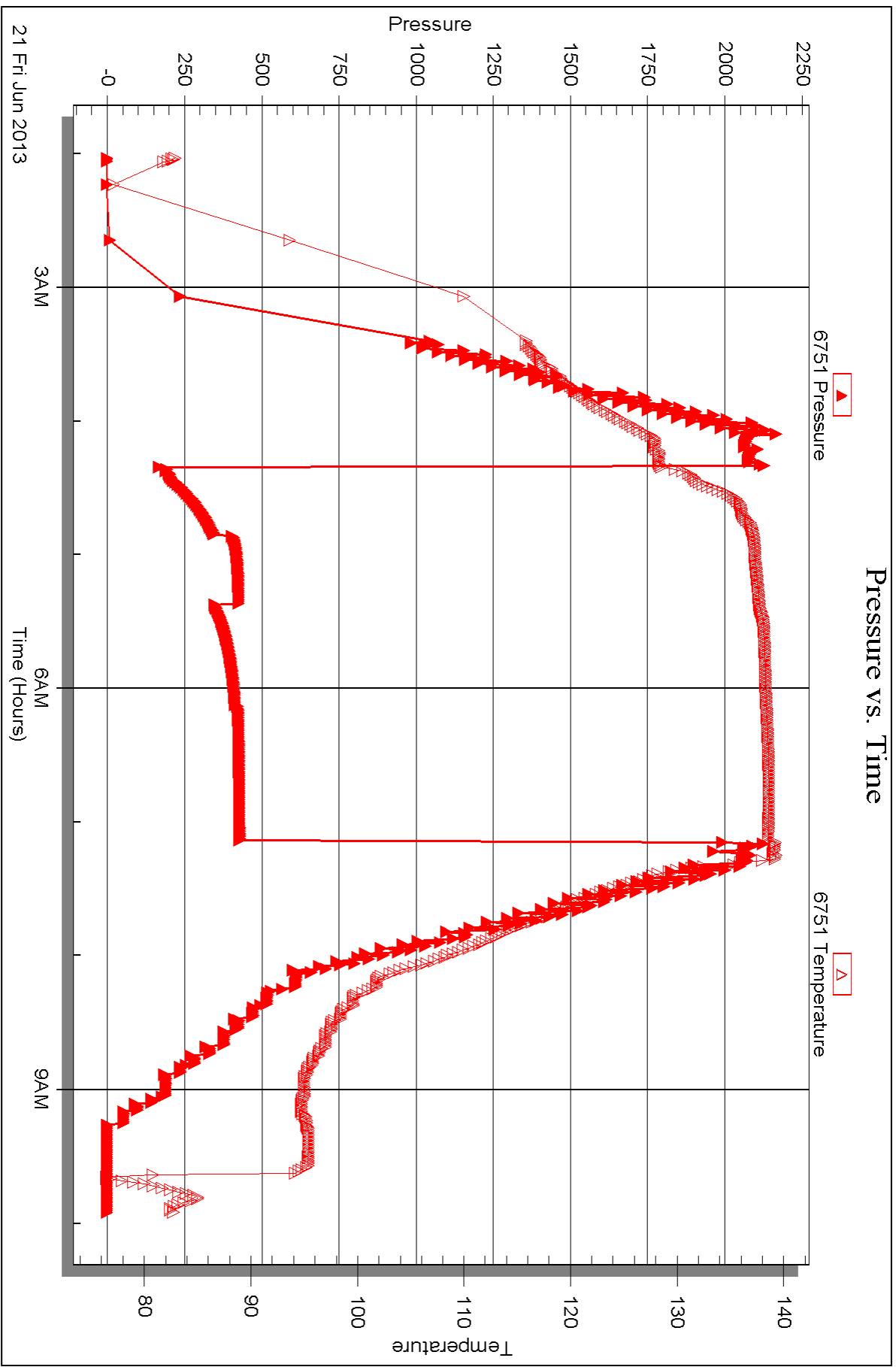
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: API: 34 @ 90 Degrees F = 31

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources, Inc.**

410 17th St. STE 900
Denver, CO 80202

ATTN: Gary Doke

S30-18-31 Scott, KS

Moore Trust #7D 30-1831

Start Date: 2013.06.21 @ 22:27:35

End Date: 2013.06.22 @ 05:46:05

Job Ticket #: 51763 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.06.24 @ 15:50:15

FIML Natural Resources, Inc.

Moore Trust #7D 30-1831

S30-18-31 Scott, KS

DST # 3

Marmaton 'A, B'

2013.06.21



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FIML Natural Resources, Inc.

410 17th St. STE 900
Denver, CO 80202

ATTN: Gary Doke

Moore Trust #7D 30-1831

S30-18-31 Scott, KS

Job Ticket: 51763

DST#: 3

Test Start: 2013.06.21 @ 22:27:35

GENERAL INFORMATION:

Formation: **Marmaton 'A, B'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:15:15

Time Test Ended: 05:46:05

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 4348.00 ft (KB) To 4406.00 ft (KB) (TVD)

Reference Elevations: 2989.00 ft (KB)

Total Depth: 4406.00 ft (KB) (TVD)

2978.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 32.15 psig @ 4350.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.06.21

End Date:

2013.06.22

Last Calib.:

2013.06.22

Start Time: 22:27:37

End Time:

05:46:05

Time On Btm:

2013.06.22 @ 01:14:05

Time Off Btm:

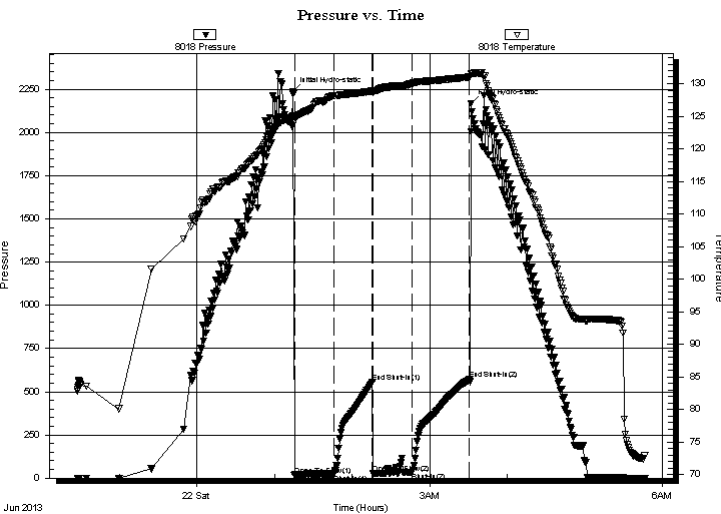
2013.06.22 @ 03:32:05

TEST COMMENT: 1/2" Blow receded

No return.

No blow.

No return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2237.71 | 124.97 | Initial Hydro-static |
| 2 | 18.24 | 124.31 | Open To Flow (1) |
| 32 | 24.69 | 128.15 | Shut-In(1) |
| 62 | 556.55 | 128.87 | End Shut-In(1) |
| 62 | 26.18 | 128.59 | Open To Flow (2) |
| 92 | 32.15 | 130.01 | Shut-In(2) |
| 137 | 570.50 | 131.01 | End Shut-In(2) |
| 138 | 2164.51 | 131.54 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | OSM 100m | 0.02 |
| | | |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources, Inc.

Moore Trust #7D 30-1831

410 17th St. STE 900
Denver, CO 80202

S30-18-31 Scott, KS

Job Ticket: 51763

DST#: 3

ATTN: Gary Doke

Test Start: 2013.06.21 @ 22:27:35

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3991.00 ft | Diameter: 3.80 inches | Volume: 55.98 bbl | Tool Weight: 2000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: inches | Volume: 0.00 bbl | Weight set on Packer: 20000.00 lb |
| Drill Collar: | Length: 368.00 ft | Diameter: 2.25 inches | Volume: 1.81 bbl | Weight to Pull Loose: 80000.00 lb |
| | | | <u>Total Volume: 57.79 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 31.00 ft | | | String Weight: Initial 71000.00 lb |
| Depth to Top Packer: | 4348.00 ft | | | Final 71000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 58.00 ft | | | |
| Tool Length: | 78.00 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 | | | 4329.00 | |
| Shut In Tool | 5.00 | | | 4334.00 | |
| Hydraulic tool | 5.00 | | | 4339.00 | |
| Packer | 5.00 | | | 4344.00 | 20.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4348.00 | |
| Stubb | 1.00 | | | 4349.00 | |
| Perforations | 1.00 | | | 4350.00 | |
| Recorder | 0.00 | 8018 | Inside | 4350.00 | |
| Recorder | 0.00 | 6751 | Outside | 4350.00 | |
| Perforations | 20.00 | | | 4370.00 | |
| Change Over Sub | 1.00 | | | 4371.00 | |
| Drill Pipe | 31.00 | | | 4402.00 | |
| Bullnose | 1.00 | | | 4403.00 | |
| Bullnose | 3.00 | | | 4406.00 | 58.00 Bottom Packers & Anchor |

Total Tool Length: 78.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources, Inc.

Moore Trust #7D 30-1831

410 17th St. STE 900
Denver, CO 80202

S30-18-31 Scott, KS

ATTN: Gary Doke

Job Ticket: 51763

DST#: 3

Test Start: 2013.06.21 @ 22:27:35

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 5.00 | OSM 100m | 0.025 |

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

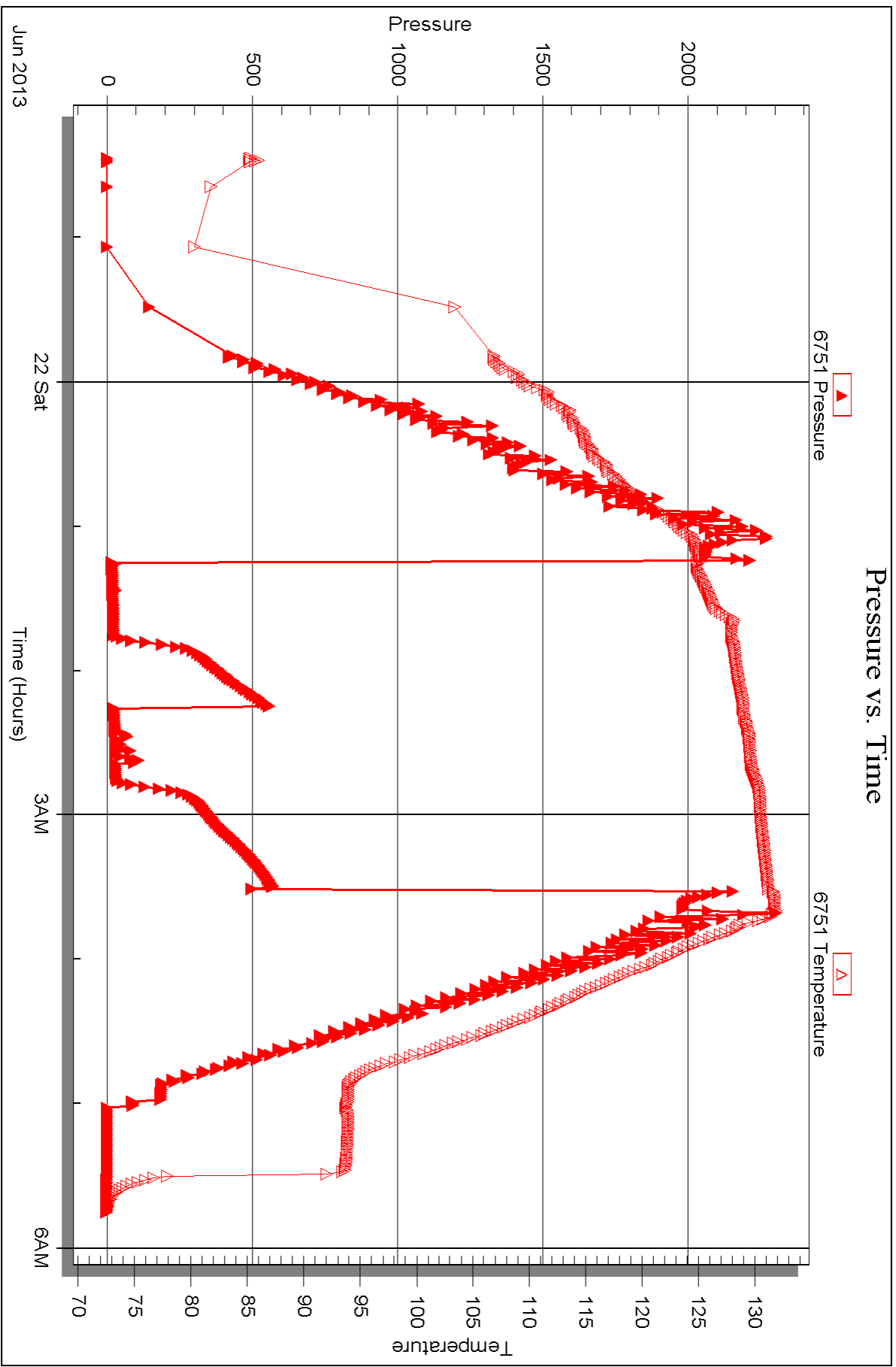
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: @ Degrees F = .





DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources, Inc.**

410 17th St. STE 900
Denver, CO 80202

ATTN: Gary Doke

S30-18-31 Scott, KS

Moore Trust #7D 30-1831

Start Date: 2013.06.23 @ 01:15:00

End Date: 2013.06.23 @ 09:06:30

Job Ticket #: 51765 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.06.24 @ 15:48:47



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FIML Natural Resources, Inc.

Moore Trust #7D 30-1831

410 17th St. STE 900
Denver, CO 80202

S30-18-31 Scott, KS

ATTN: Gary Duke

Job Ticket: 51765

DST#: 4

Test Start: 2013.06.23 @ 01:15:00

GENERAL INFORMATION:

Formation: **Myric St. - Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:50:10

Time Test Ended: 09:06:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 4441.00 ft (KB) To 4570.00 ft (KB) (TVD)

Reference Elevations: 2989.00 ft (KB)

Total Depth: 4570.00 ft (KB) (TVD)

2978.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 51.19 psig @ 4445.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.06.23

End Date: 2013.06.23

Last Calib.: 2013.06.23

Start Time: 01:15:02

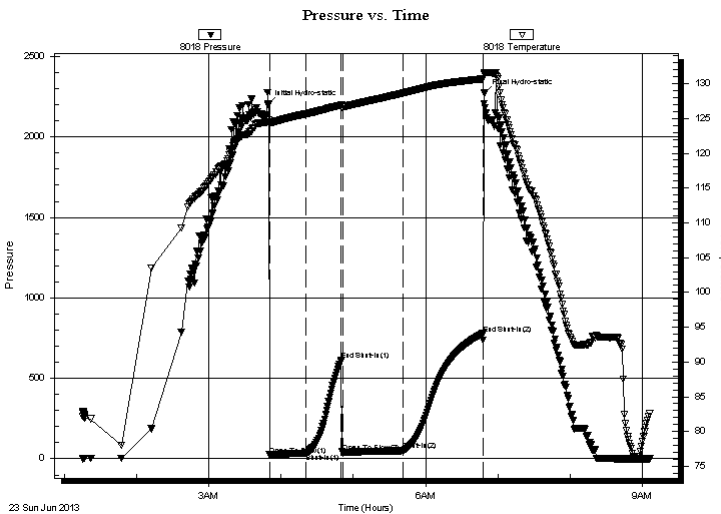
End Time: 09:06:30

Time On Btm: 2013.06.23 @ 03:48:40

Time Off Btm: 2013.06.23 @ 06:48:50

TEST COMMENT: 2" Blow .
No return.
2" Blow .
No return.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2201.41 | 124.55 | Initial Hydro-static |
| 2 | 25.23 | 124.33 | Open To Flow (1) |
| 32 | 35.19 | 125.66 | Shut-In(1) |
| 62 | 613.22 | 126.91 | End Shut-In(1) |
| 63 | 38.06 | 126.70 | Open To Flow (2) |
| 113 | 51.19 | 128.66 | Shut-In(2) |
| 179 | 778.38 | 130.70 | End Shut-In(2) |
| 181 | 2272.75 | 131.63 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------|--------------|
| 60.00 | GOCM 20g 35o 45m | 0.30 |
| 0.00 | 123' GIP | 0.00 |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources, Inc.

Moore Trust #7D 30-1831

410 17th St. STE 900
Denver, CO 80202

S30-18-31 Scott, KS

Job Ticket: 51765

DST#: 4

ATTN: Gary Doke

Test Start: 2013.06.23 @ 01:15:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4084.00 ft | Diameter: 3.80 inches | Volume: 57.29 bbl | Tool Weight: 2000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: inches | Volume: 0.00 bbl | Weight set on Packer: 24000.00 lb |
| Drill Collar: | Length: 368.00 ft | Diameter: 2.25 inches | Volume: 1.81 bbl | Weight to Pull Loose: 85000.00 lb |
| | | | <u>Total Volume: 59.10 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 31.00 ft | | | String Weight: Initial 74000.00 lb |
| Depth to Top Packer: | 4441.00 ft | | | Final 75000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 129.00 ft | | | |
| Tool Length: | 149.00 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 | | | 4422.00 | |
| Shut In Tool | 5.00 | | | 4427.00 | |
| Hydraulic tool | 5.00 | | | 4432.00 | |
| Packer | 5.00 | | | 4437.00 | 20.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4441.00 | |
| Stubb | 1.00 | | | 4442.00 | |
| Perforations | 3.00 | | | 4445.00 | |
| Recorder | 0.00 | 8018 | Inside | 4445.00 | |
| Recorder | 0.00 | 6751 | Outside | 4445.00 | |
| Perforations | 26.00 | | | 4471.00 | |
| Change Over Sub | 1.00 | | | 4472.00 | |
| Drill Pipe | 94.00 | | | 4566.00 | |
| Bullnose | 1.00 | | | 4567.00 | |
| Bullnose | 3.00 | | | 4570.00 | 129.00 Bottom Packers & Anchor |

Total Tool Length: 149.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources, Inc.

Moore Trust #7D 30-1831

410 17th St. STE 900
Denver, CO 80202

S30-18-31 Scott, KS

Job Ticket: 51765

DST#: 4

ATTN: Gary Doke

Test Start: 2013.06.23 @ 01:15:00

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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|------------------|----------------|
| 60.00 | GOCM 20g 35o 45m | 0.295 |
| 0.00 | 123' GIP | 0.000 |

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

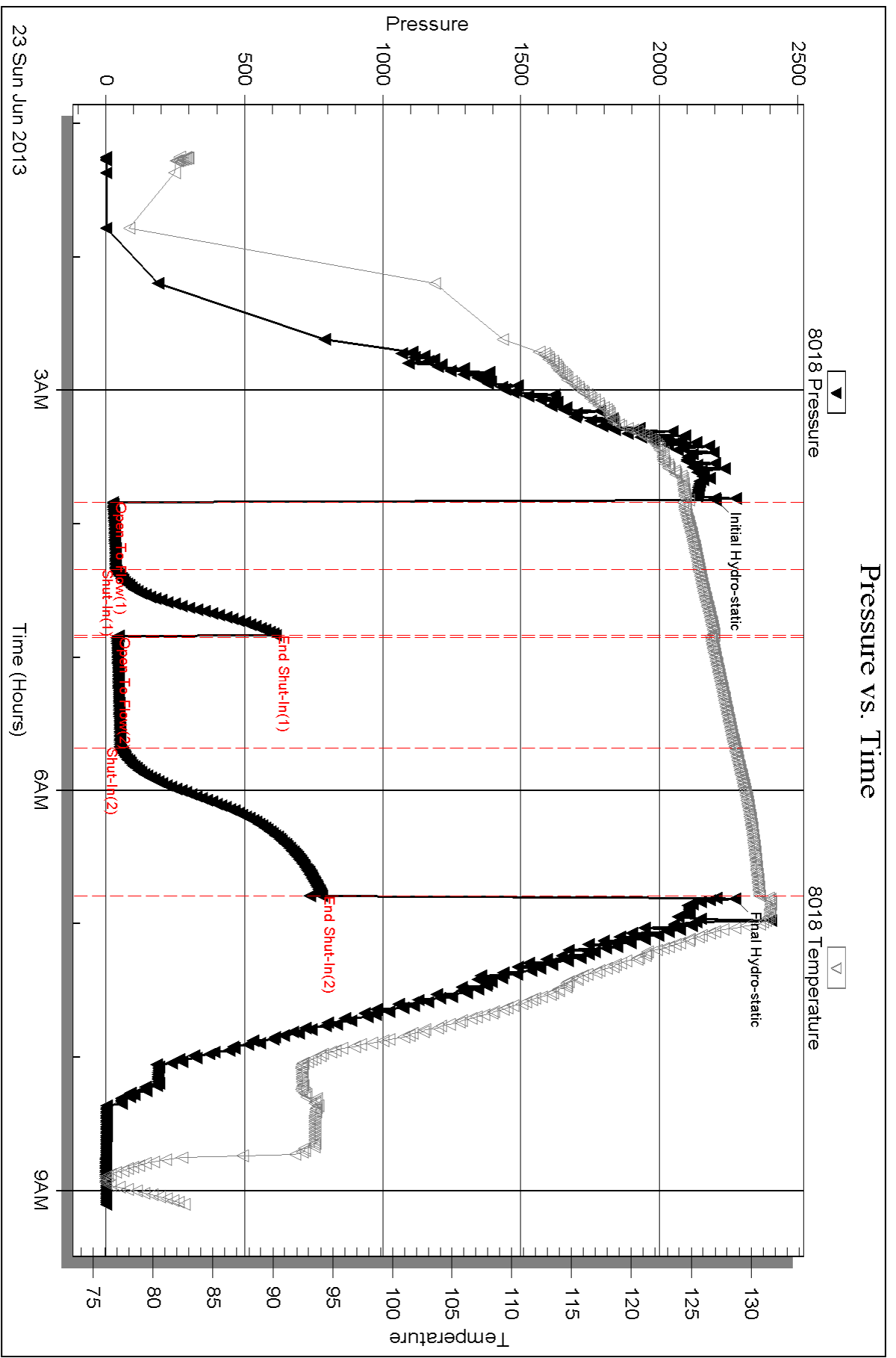
Num Gas Bombs: 0

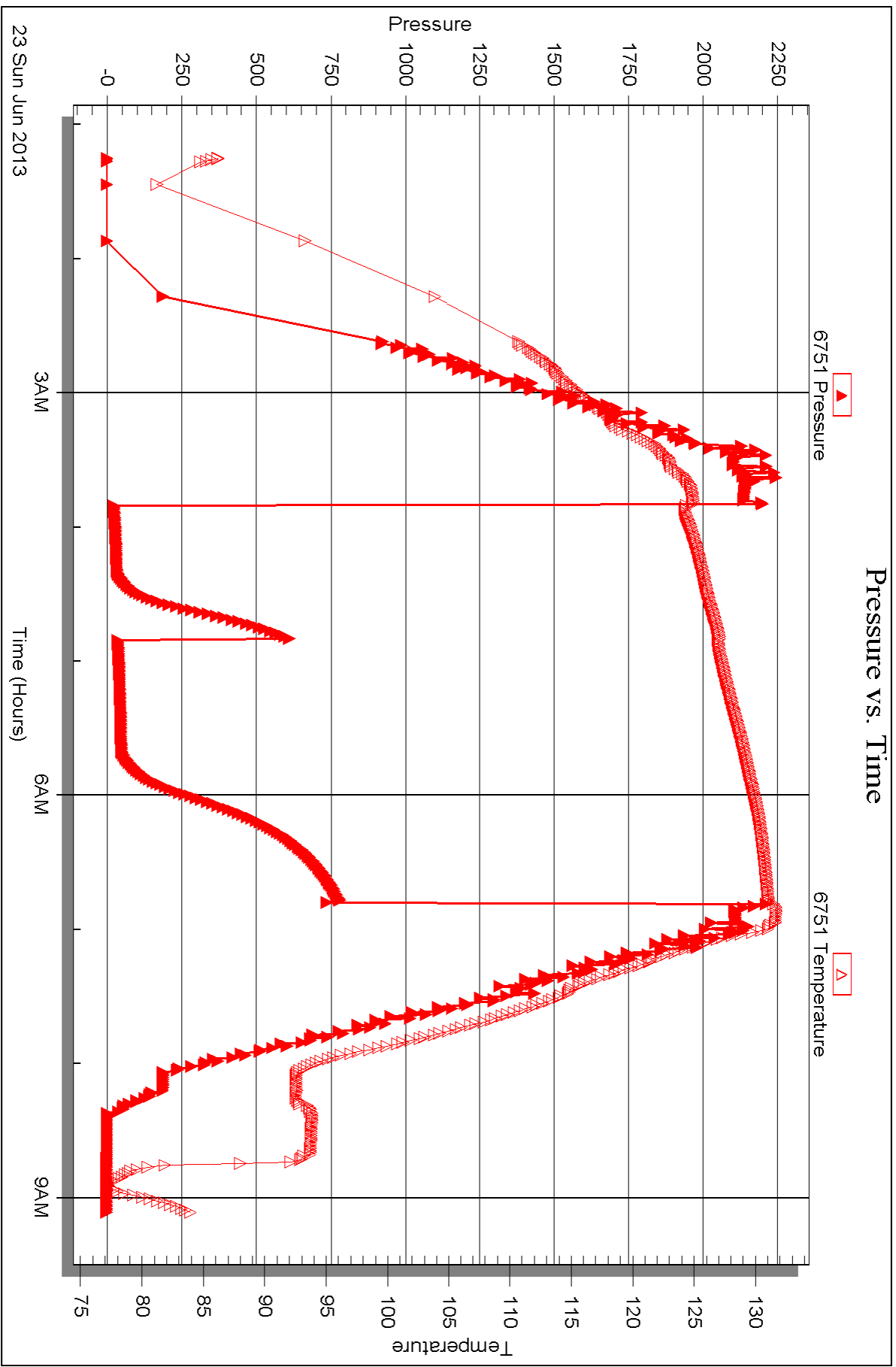
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources, Inc.**

410 17th St. STE 900
Denver, CO 80202

ATTN: Gary Doke

S30-18-31 Scott, KS

Moore Trust #7D 30-1831

Start Date: 2013.06.23 @ 19:26:00

End Date: 2013.06.24 @ 02:49:39

Job Ticket #: 51766 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.06.24 @ 15:47:11

FIML Natural Resources, Inc.

Moore Trust #7D 30-1831

S30-18-31 Scott, KS

DST # 5

Mississippi

2013.06.23



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FIML Natural Resources, Inc.

410 17th St. STE 900
Denver, CO 80202

ATTN: Gary Doke

Moore Trust #7D 30-1831

S30-18-31 Scott, KS

Job Ticket: 51766

DST#: 5

Test Start: 2013.06.23 @ 19:26:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:41:10

Time Test Ended: 02:49:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 4630.00 ft (KB) To 4642.00 ft (KB) (TVD)

Total Depth: 4642.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2989.00 ft (KB)

2978.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 307.14 psig @ 4634.00 ft (KB)

Start Date: 2013.06.23

End Date:

2013.06.24

Start Time: 19:26:02

End Time:

02:49:40

Capacity: 8000.00 psig

Last Calib.: 2013.06.24

Time On Btm: 2013.06.23 @ 21:39:50

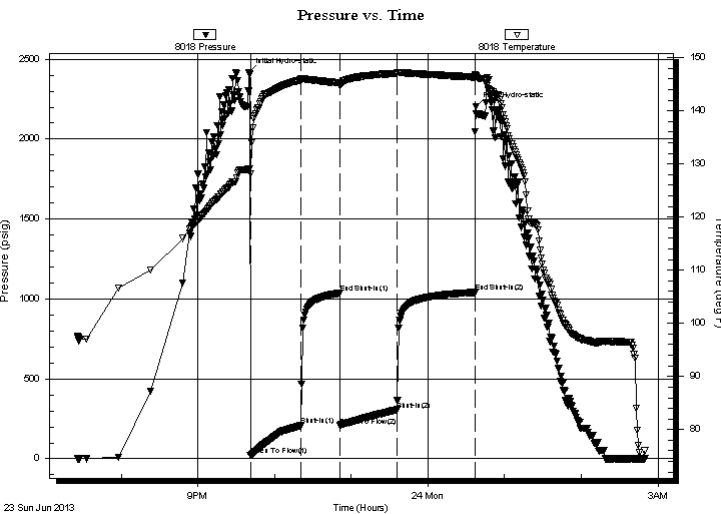
Time Off Btm: 2013.06.24 @ 00:37:30

TEST COMMENT: B.O.B. @ 26 min.

No return.

B.O.B. @ 31 min.

No return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2416.51 | 129.04 | Initial Hydro-static |
| 2 | 20.06 | 128.15 | Open To Flow (1) |
| 41 | 207.12 | 145.81 | Shut-In(1) |
| 72 | 1036.89 | 145.26 | End Shut-In(1) |
| 72 | 206.38 | 144.79 | Open To Flow (2) |
| 117 | 307.14 | 147.09 | Shut-In(2) |
| 177 | 1041.47 | 146.29 | End Shut-In(2) |
| 178 | 2204.86 | 146.58 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------|--------------|
| 463.00 | MW 5m 95w | 3.14 |
| 190.00 | WM 40m 60w | 2.67 |
| 47.00 | OSWM 10w 90m | 0.66 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources, Inc.

Moore Trust #7D 30-1831

410 17th St. STE 900
Denver, CO 80202

S30-18-31 Scott, KS

Job Ticket: 51766

DST#: 5

ATTN: Gary Doke

Test Start: 2013.06.23 @ 19:26:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4273.00 ft | Diameter: 3.80 inches | Volume: 59.94 bbl | Tool Weight: 2000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 368.00 ft | Diameter: 2.25 inches | Volume: 1.81 bbl | Weight to Pull Loose: 85000.00 lb |
| | | | <u>Total Volume: 61.75 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 31.00 ft | | | String Weight: Initial 75000.00 lb |
| Depth to Top Packer: | 4630.00 ft | | | Final 78000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 12.00 ft | | | |
| Tool Length: | 32.00 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 | | | 4611.00 | |
| Shut In Tool | 5.00 | | | 4616.00 | |
| Hydraulic tool | 5.00 | | | 4621.00 | |
| Packer | 5.00 | | | 4626.00 | 20.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4630.00 | |
| Stubb | 1.00 | | | 4631.00 | |
| Perforations | 3.00 | | | 4634.00 | |
| Recorder | 0.00 | 8018 | Inside | 4634.00 | |
| Recorder | 0.00 | 6751 | Outside | 4634.00 | |
| Perforations | 5.00 | | | 4639.00 | |
| Bullnose | 3.00 | | | 4642.00 | 12.00 Bottom Packers & Anchor |

Total Tool Length: 32.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources, Inc.

Moore Trust #7D 30-1831

410 17th St. STE 900
Denver, CO 80202

S30-18-31 Scott, KS

Job Ticket: 51766

DST#: 5

ATTN: Gary Doke

Test Start: 2013.06.23 @ 19:26:00

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:

30000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|--------------|----------------|
| 463.00 | MW 5m 95w | 3.142 |
| 190.00 | WM 40m 60w | 2.665 |
| 47.00 | OSWM 10w 90m | 0.659 |

Total Length: 700.00 ft Total Volume: 6.466 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

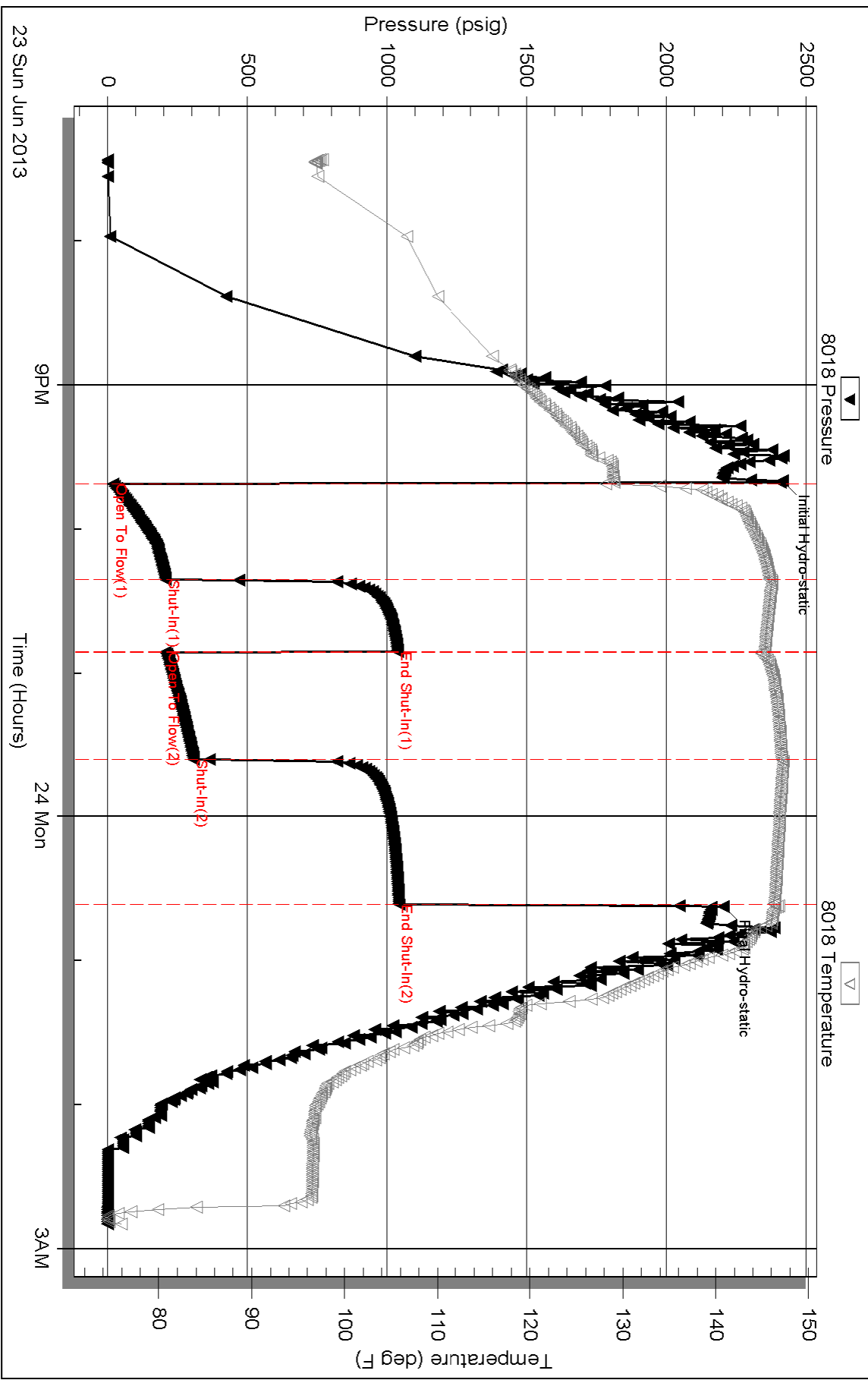
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .236 @ 70 degrees F = 30000 PPM

Pressure vs. Time



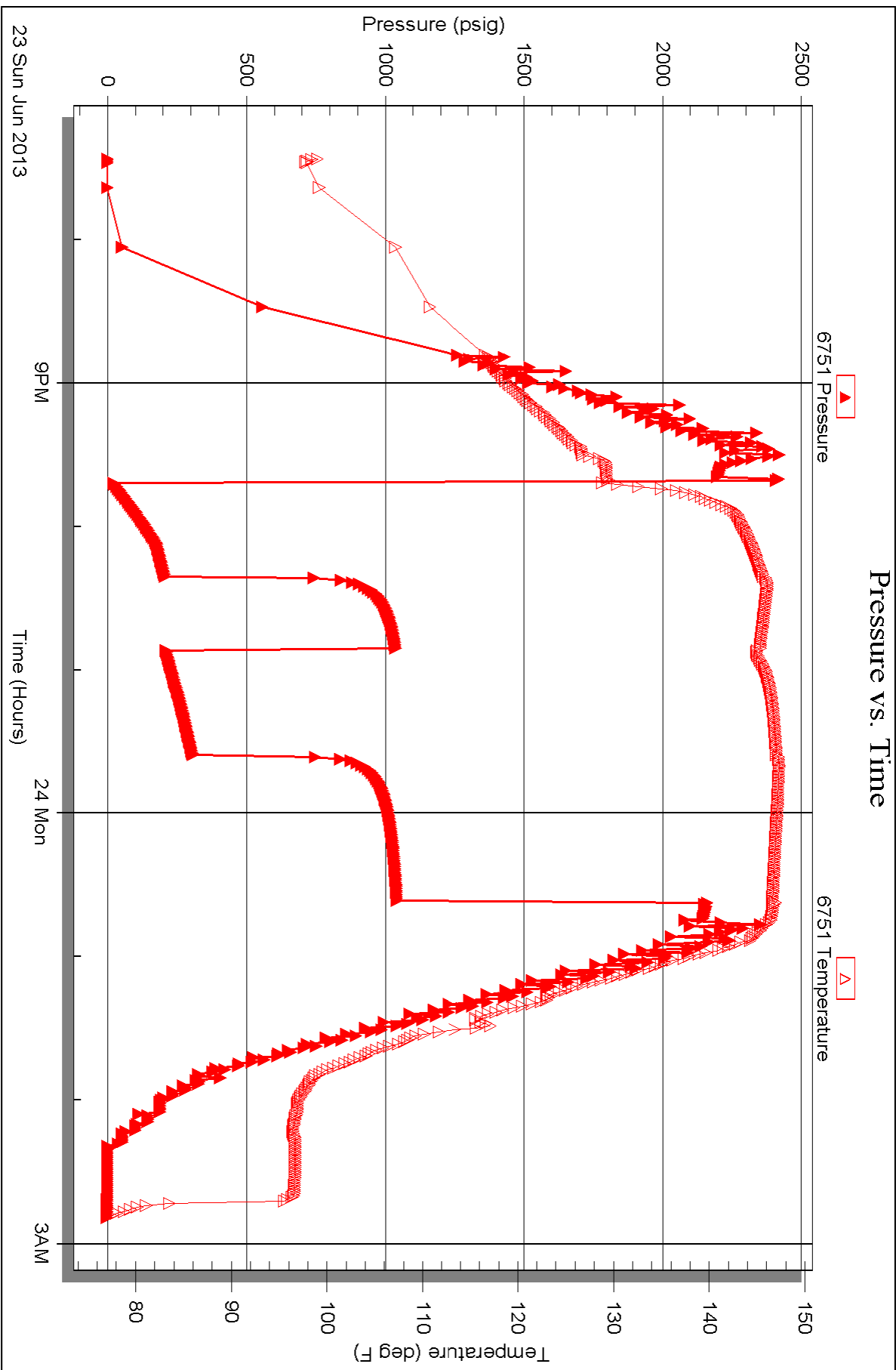
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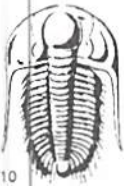
Outside

FIML Natural Resources, Inc.

S30-18-31 Scott, KS

DST Test Number: 5





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51761

Well Name & No. Moore Trust 7D 30-1831 Test No. 1 Date 6-20-13
 Company FIML Natural Resources, Inc. Elevation 2989 KB 2978 GL
 Address 410 17th St. STE 900 Denver, CO 80202
 Co. Rep / Geo. Gary Duke Rig H2#1
 Location: Sec. 30 Twp. 18 Rge. 31 Co. Scott State KS

Interval Tested 4217-4270 Zone Tested LKC 'J-K'
 Anchor Length 53 Drill Pipe Run 3835 Mud Wt. 9.3
 Top Packer Depth 4213 Drill Collars Run 368 Vis 53
 Bottom Packer Depth 4217 Wt. Pipe Run — WL 7.2
 Total Depth 4270 Chlorides 1500 ppm System LCM 3rd
 Blow Description 11" Blow.
No return.
10" Blow.
No return.

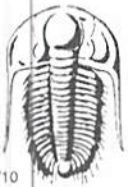
| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|---------------------------------------------------|------|------|------------|-----------|
| <u>140</u> | <u>M</u> | | | <u>100</u> | |
| <u>368</u> | <u>MW</u> | | | <u>65</u> | <u>35</u> |
| | <u>1.5 PPM H₂S Gas during recovery</u> | | | | |
| | | | | | |
| | | | | | |

Rec Total 508 BHT 136 Gravity — API RW .160 @ 88 °F Chlorides 36,000 ppm

| | | |
|-------------------------------------|----------------------------------------------------------------|----------------------------------------------|
| (A) Initial Hydrostatic <u>2098</u> | <input checked="" type="checkbox"/> Test <u>1250</u> | T-On Location <u>7:45</u> |
| (B) First Initial Flow <u>91</u> | <input type="checkbox"/> Jars | T-Started <u>8:20</u> |
| (C) First Final Flow <u>193</u> | <input type="checkbox"/> Safety Joint | T-Open <u>10:50</u> |
| (D) Initial Shut-In <u>768</u> | <input checked="" type="checkbox"/> Circ Sub <u>N/C</u> | T-Pulled <u>13:27</u> |
| (E) Second Initial Flow <u>196</u> | <input type="checkbox"/> Hourly Standby | T-Out <u>15:49</u> |
| (F) Second Final Flow <u>247</u> | <input checked="" type="checkbox"/> Mileage <u>17 RT</u> 26.35 | Comments |
| (G) Final Shut-In <u>768</u> | <input type="checkbox"/> Sampler | |
| (H) Final Hydrostatic <u>2076</u> | <input type="checkbox"/> Straddle | <input type="checkbox"/> Ruined Shale Packer |
| | <input type="checkbox"/> Shale Packer | <input type="checkbox"/> Ruined Packer |
| Initial Open <u>30</u> | <input type="checkbox"/> Extra Packer | <input type="checkbox"/> Extra Copies |
| Initial Shut-In <u>30</u> | <input type="checkbox"/> Extra Recorder | Sub Total <u>0</u> |
| Final Flow <u>45</u> | <input type="checkbox"/> Day Standby | Total <u>1426.35</u> |
| Final Shut-In <u>60</u> | <input checked="" type="checkbox"/> Accessibility <u>150</u> | MP/DST Disc't |
| | Sub Total <u>1426.35</u> | |

Approved By [Signature] Our Representative Chuck Smith

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51762

Well Name & No. Moore Trust 7D 30-1831 Test No. 2 Date 6-21-13
 Company FIML Natural Resources, Inc. Elevation 2989 KB 2978 GL
 Address 410 17th St. STE 900 Denver, CO 80202
 Co. Rep / Geo. Gary Duke Rig H2 #1
 Location: Sec. 30 Twp. 18 Rge. 31 Co. Scott State KS

Interval Tested 4289-4316 Zone Tested LKC 'L'
 Anchor Length 27 Drill Pipe Run 3930 Mud Wt. 9.2
 Top Packer Depth 4285 Drill Collars Run 368 Vis 53
 Bottom Packer Depth 4289 Wt. Pipe Run - WL 1
 Total Depth 4316 Chlorides 1500 ppm System LCM 4[#]

Blow Description B.O.B. @ 3 1/2 min.
B.O.B. @ 10 min.
B.O.B. @ 6 1/2 min.
6" Return.

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|-------------|-----------|-----------|--------|-----------|
| <u>332</u> | <u>CGO</u> | <u>50</u> | <u>50</u> | | |
| <u>380</u> | <u>CGO</u> | <u>25</u> | <u>75</u> | | |
| <u>183</u> | <u>GMCO</u> | <u>25</u> | <u>60</u> | | <u>15</u> |
| <u>185</u> | <u>GMCO</u> | <u>45</u> | <u>30</u> | | <u>25</u> |
| Rec | Feet of | %gas | %oil | %water | %mud |

Rec Total 1080 BHT 138 Gravity 31 API RW @ - °F Chlorides - ppm

| | | |
|-------------------------------------|---------------------------------------------------------------|----------------------------------------------|
| (A) Initial Hydrostatic <u>2129</u> | <input checked="" type="checkbox"/> Test 1250 | T-On Location <u>2:00</u> |
| (B) First Initial Flow <u>145</u> | <input type="checkbox"/> Jars | T-Started <u>2:02</u> |
| (C) First Final Flow <u>346</u> | <input type="checkbox"/> Safety Joint | T-Open <u>4:20</u> |
| (D) Initial Shut-In <u>426</u> | <input checked="" type="checkbox"/> Circ Sub <u>NIC</u> | T-Pulled <u>7:08</u> |
| (E) Second Initial Flow <u>350</u> | <input type="checkbox"/> Hourly Standby | T-Out <u>9:56</u> |
| (F) Second Final Flow <u>415</u> | <input checked="" type="checkbox"/> Mileage <u>17RT</u> 26.35 | Comments |
| (G) Final Shut-In <u>428</u> | <input type="checkbox"/> Sampler | |
| (H) Final Hydrostatic <u>2125</u> | <input type="checkbox"/> Straddle | <input type="checkbox"/> Ruined Shale Packer |
| | <input type="checkbox"/> Shale Packer | <input type="checkbox"/> Ruined Packer |
| Initial Open <u>30</u> | <input type="checkbox"/> Extra Packer | <input type="checkbox"/> Extra Copies |
| Initial Shut-In <u>30</u> | <input type="checkbox"/> Extra Recorder | Sub Total <u>0</u> |
| Final Flow <u>45</u> | <input type="checkbox"/> Day Standby | Total <u>1426.35</u> |
| Final Shut-In <u>60</u> | <input checked="" type="checkbox"/> Accessibility <u>150</u> | MP/DST Disc't |
| | Sub Total <u>1426.35</u> | |

Approved By [Signature] Our Representative Chuck Amal

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51763

Well Name & No. Moore Trust 7D-30-1831 Test No. 3 Date 6-21-13
 Company FIML Natural Resources, Inc. Elevation 2989 KB 2978 GL
 Address 410 17th St. STE 900 Denver, CO 80202
 Co. Rep / Geo. Gary Duke Rig H2#1
 Location: Sec. 30 Twp. 18 Rge. 31 Co. Scott State KS

Interval Tested 4348-4406 Zone Tested Marmaton 'A, B'
 Anchor Length 58 Drill Pipe Run 3991 Mud Wt. 9.2
 Top Packer Depth 4344 Drill Collars Run 368 Vis 57
 Bottom Packer Depth 4348 Wt. Pipe Run - WL 7.6
 Total Depth 4406 Chlorides 1800 ppm System LCM 4"
 Blow Description 1/2" Blow receded.
No return.
No blow.
No return.

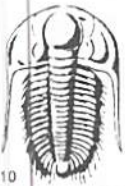
| Rec | Feet of | %gas | %oil | %water | %mud |
|--------------|--------------------|------|------|--------|------------|
| Rec <u>5</u> | Feet of <u>OSM</u> | | | | <u>100</u> |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |

Rec Total 5 BHT 131 Gravity - API RW @ - °F Chlorides - ppm

| | | | | | |
|-------------------------|-------------|---------------------------------------------------|-------------------|----------------------------------------------|----------------|
| (A) Initial Hydrostatic | <u>2238</u> | <input checked="" type="checkbox"/> Test | <u>1250</u> | T-On Location | <u>22:25</u> |
| (B) First Initial Flow | <u>18</u> | <input type="checkbox"/> Jars | | T-Started | <u>22:27</u> |
| (C) First Final Flow | <u>25</u> | <input type="checkbox"/> Safety Joint | | T-Open | <u>1:15</u> |
| (D) Initial Shut-In | <u>557</u> | <input checked="" type="checkbox"/> Circ Sub | <u>N/C</u> | T-Pulled | <u>3:31</u> |
| (E) Second Initial Flow | <u>26</u> | <input type="checkbox"/> Hourly Standby | | T-Out | <u>5:46</u> |
| (F) Second Final Flow | <u>32</u> | <input checked="" type="checkbox"/> Mileage | <u>17RT</u> 26.35 | Comments | |
| (G) Final Shut-In | <u>571</u> | <input type="checkbox"/> Sampler | | | |
| (H) Final Hydrostatic | <u>2165</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>1426.35</u> |
| | | <input checked="" type="checkbox"/> Accessibility | <u>150</u> | MP/DST Disc't | |
| | | Sub Total | <u>1426.35</u> | | |

Approved By Gary Duke Our Representative Chuck Amiel

Trilobite Testing Inc. shall not be liable for damaged or 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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51765

Well Name & No. Moore Trust 7D 30-1831 Test No. 4 Date 6-23-13
 Company FIML Natural Resources, Inc. Elevation 2989 KB 2978 GL
 Address 410 17th St. STE 900 Denver, CO 80202
 Co. Rep / Geo. Gary Duke Rig H2#2
 Location: Sec. 30 Twp. 18 Rge. 31 Co. Scott State KS

Interval Tested 4441-4570 Zone Tested Myric Station - Johnson
 Anchor Length 129 Drill Pipe Run 4084 Mud Wt. 9.0
 Top Packer Depth 4437 Drill Collars Run 368 Vis 61
 Bottom Packer Depth 4441 Wt. Pipe Run - WL 6.4
 Total Depth 4570 Chlorides 3000 ppm System LCM 4#
 Blow Description 2" Blow
No return
2" Blow
No return

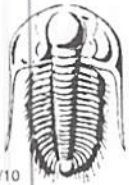
| Rec | Feet of | %gas | %oil | %water | %mud |
|---------------|-----------------------------|----------------|----------------|--------|----------------|
| Rec <u>60</u> | Feet of <u>60CM</u> | <u>20</u> %gas | <u>35</u> %oil | %water | <u>45</u> %mud |
| Rec | Feet of <u>123 weak GIP</u> | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |

Rec Total 60 BHT 131 Gravity - API RW @ - °F Chlorides - ppm

| | | |
|-------------------------------------|--------------------------------------------------------------|----------------------------------------------|
| (A) Initial Hydrostatic <u>2201</u> | <input checked="" type="checkbox"/> Test <u>1250</u> | T-On Location <u>00:45</u> |
| (B) First Initial Flow <u>25</u> | <input type="checkbox"/> Jars | T-Started <u>01:15</u> |
| (C) First Final Flow <u>35</u> | <input type="checkbox"/> Safety Joint | T-Open <u>3:50</u> |
| (D) Initial Shut-In <u>613</u> | <input checked="" type="checkbox"/> Circ Sub <u>N/C</u> | T-Pulled <u>6:47</u> |
| (E) Second Initial Flow <u>38</u> | <input type="checkbox"/> Hourly Standby | T-Out <u>9:07</u> |
| (F) Second Final Flow <u>51</u> | <input checked="" type="checkbox"/> Mileage <u>26.35</u> | Comments |
| (G) Final Shut-In <u>778</u> | <input type="checkbox"/> Sampler | |
| (H) Final Hydrostatic <u>2273</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>50</u> | <input type="checkbox"/> Extra Recorder | Sub Total <u>0</u> |
| Final Shut-In <u>65</u> | <input type="checkbox"/> Day Standby | Total <u>1426.35</u> |
| | <input checked="" type="checkbox"/> Accessibility <u>150</u> | MP/DST Disc't |
| | Sub Total <u>1426.35</u> | |

Approved By [Signature] Our Representative Chuck Smith

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51766

Well Name & No. Moore Trust 7D 30-1831 Test No. 5 Date 6-23-13
 Company FIML Natural Resources, Inc. Elevation 2989 KB 2978 GL
 Address 410 17th St. STE 900 Denver, CO 80202
 Co. Rep / Geo. Gary Duke Rig H2 #1
 Location: Sec. 30 Twp. 18 Rge. 31 Co. Scott State KS

Interval Tested 4630-4642 Zone Tested Mississippian
 Anchor Length 12 Drill Pipe Run 4273 Mud Wt. 9.2
 Top Packer Depth 4626 Drill Collars Run 368 Vis 51
 Bottom Packer Depth 4630 Wt. Pipe Run - WL 6.4
 Total Depth 4642 Chlorides 2500 ppm System LCM 4#

Blow Description B.O.B. @ 26 min.
No return.
B.O.B. @ 31 min.
No return.

| Rec | Feet of | %gas | %oil | %water | %mud |
|----------------|---------------------|------|----------------|------------------|------|
| Rec <u>47</u> | Feet of <u>OSWM</u> | %gas | %oil <u>10</u> | %water <u>90</u> | %mud |
| Rec <u>190</u> | Feet of <u>MW</u> | %gas | %oil <u>60</u> | %water <u>40</u> | %mud |
| Rec <u>463</u> | Feet of <u>MW</u> | %gas | %oil <u>95</u> | %water <u>5</u> | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |

Rec Total 700 BHT 146 Gravity - API RW .236 @ 70 ° F Chlorides 30000 ppm

(A) Initial Hydrostatic 2417 Test 1250 T-On Location 19:25
 (B) First Initial Flow 20 Jars _____ T-Started 19:26
 (C) First Final Flow 207 Safety Joint _____ T-Open 21:41
 (D) Initial Shut-In 1037 Circ Sub N/C T-Pulled 0:37
 (E) Second Initial Flow 206 Hourly Standby _____ T-Out 2:50
 (F) Second Final Flow 307 Mileage 17RT 26.35 Comments _____
 (G) Final Shut-In 1042 Sampler _____
 (H) Final Hydrostatic 2205 Straddle _____

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____
 Initial Open 39 slip problems
 Initial Shut-In 30
 Final Flow 45
 Final Shut-In 60
 Sub Total 0
 Total 1426.35
 MP/DST Disc't _____
 Sub Total 1426.35

Approved By [Signature] Our Representative Chuck Smith

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PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 136781
Invoice Date: Jun 15, 2013
Page: 1

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

Now Includes:



| Customer ID | Field Ticket # | Payment Terms | |
|--------------|----------------|---------------|----------|
| FIML | 60329 | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-01 | Oakley | Jun 15, 2013 | 7/15/13 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|-------------|------------------------|------------|----------|
| | | Moore Trust 7D 30-1831 | | |
| 240.00 | MAT | Class A Common | 17.90 | 4,296.00 |
| 5.00 | MAT | Gel | 23.40 | 117.00 |
| 8.00 | MAT | Chloride | 64.00 | 512.00 |
| 263.54 | SER | Cubic Feet | 2.48 | 653.60 |
| 652.85 | SER | Ton Mileage | 2.60 | 1,697.41 |
| 1.00 | SER | Surface | 1,512.25 | 1,512.25 |
| 55.00 | SER | Pump Truck Mileage | 7.70 | 423.50 |
| 55.00 | SER | Light Vehicle Mileage | 4.40 | 242.00 |
| 3.00 | EQP | 8.5/8 Centralizer | 74.88 | 224.64 |
| 1.00 | SER | Manifold Rental | 275.00 | 275.00 |
| 1.00 | CEMENTER | LaRene Wentz | | |
| 1.00 | EQUIP OPER | Paul Beaver | | |
| 1.00 | OPER ASSIST | David Scariano | | |

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

\$ 2,289.28

ONLY IF PAID ON OR BEFORE
Jul 10, 2013

| | |
|------------------------|------------------|
| Subtotal | 9,953.40 |
| Sales Tax | 427.42 |
| Total Invoice Amount | 10,380.82 |
| Payment/Credit Applied | |
| TOTAL | 10,380.82 |

ALLIED OIL & GAS SERVICES, LLC 060329

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Oakley, KS
6-16-13

| | | | | | | | |
|-------------------------|-------------------------|------------------------------------|-----------------|-----------------------|----------------------------|-------------------------|--------------------------|
| DATE <u>6-15-13</u> | SEC. <u>30</u> | TWP. <u>18</u> | RANGE <u>31</u> | CALLED OUT | ON LOCATION <u>11:30pm</u> | JOB START <u>4:00am</u> | JOB FINISH <u>4:13am</u> |
| LEASE <u>moore</u> | WELL # <u>7030-1881</u> | LOCATION <u>Scott City E, S, E</u> | | | COUNTY <u>Scott</u> | STATE <u>KS</u> | |
| OLD OR NEW (Circle one) | | | | <u>S</u> <u>Wells</u> | | | |

| | |
|--------------------------------|---------------------|
| CONTRACTOR <u>H2 Rig #1</u> | OWNER <u>same</u> |
| TYPE OF JOB <u>Surface</u> | |
| HOLE SIZE <u>12 1/4</u> | T.D. <u>394</u> |
| CASING SIZE <u>8 1/2</u> | DEPTH <u>395.12</u> |
| TUBING SIZE | DEPTH |
| DRILL PIPE | DEPTH |
| TOOL | DEPTH |
| PRES. MAX | MINIMUM |
| MEAS. LINE | SHOE JOINT |
| CEMENT LEFT IN CSG. <u>151</u> | |
| PERFS. | |
| DISPLACEMENT <u>24.32.661</u> | |

| | |
|----------|----------------------------------------|
| CEMENT | AMOUNT ORDERED <u>2405kg Com 320cc</u> |
| | <u>2 Regal 1/4 # 410 seal</u> |
| COMMON | <u>2405kg @ 17.20 4296.00</u> |
| POZMIX | @ |
| GEL | <u>3.5kg @ 23.40 117.00</u> |
| CHLORIDE | <u>8.5kg @ 64.00 512.00</u> |
| ASC | @ |

EQUIPMENT

| | |
|------------------|------------------------------------|
| PUMP TRUCK | CEMENTER <u>Lakano & Wentz</u> |
| # <u>423/281</u> | HELPER <u>Paul Beaver</u> |
| BULK TRUCK | |
| # <u>396/306</u> | DRIVER <u>David Scariano</u> |
| BULK TRUCK | |
| # | DRIVER |

| | |
|----------------------|------------------------------------|
| HANDLING | <u>263.54 873 @ 2.98 653.60</u> |
| MILEAGE | <u>11.87km X 53 X 2.60 1697.91</u> |
| TOTAL <u>7276.01</u> | |

REMARKS:
mix 240 lbs cement
Displace with water
Cement did circulate

SERVICE

| | |
|--------------------|-------------------------|
| DEPTH OF JOB | |
| PUMP TRUCK CHARGE | <u>1512.25</u> |
| EXTRA FOOTAGE | @ |
| MILEAGE <u>MTW</u> | <u>55 @ 7.70 423.50</u> |
| MANIFOLD | @ <u>273.00</u> |
| <u>MTW</u> | <u>55 @ 4.40 242.00</u> |

TOTAL 2452.75

CHARGE TO: FINAL

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

| | |
|----------------------------|-----------------------|
| (3) Centrifuges | @ <u>74.88 224.64</u> |
| | @ |
| | @ |
| | @ |
| TOTAL <u>224.64</u> | |

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 9,953.40

DISCOUNT 2,289.28 IF PAID IN 30 DAYS

7,664.11 Net.

PRINTED NAME Gary J. [Signature]

SIGNATURE [Signature]



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 137023
Invoice Date: Jun 25, 2013
Page: 1

Now Includes:



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

| Customer ID | Field Ticket # | Payment Terms | |
|--------------|----------------|---------------|----------|
| FIML | 60753 | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-02 | Oakley | Jun 25, 2013 | 7/25/13 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|------------|----------------------------|------------|----------|
| | | Moore Trust #70-30-1831 | | |
| 4.00 | MAT | Gel | 23.40 | 93.60 |
| 230.00 | MAT | ASC | 20.90 | 4,807.00 |
| 1,150.00 | MAT | Gilsonite | 0.98 | 1,127.00 |
| 24.00 | MAT | Salt | 26.35 | 632.40 |
| 57.00 | MAT | Flo Seal | 2.97 | 169.29 |
| 12.00 | MAT | Super Flush | 58.70 | 704.40 |
| 280.93 | SER | Cubic Feet | 2.48 | 696.70 |
| 644.05 | SER | Ton Mileage | 2.60 | 1,674.53 |
| 1.00 | SER | Production -- Bottom Stage | 2,765.75 | 2,765.75 |
| 55.00 | SER | Pump Truck Mileage | 7.70 | 423.50 |
| 1.00 | SER | Manifold Head Rental | 275.00 | 275.00 |
| 55.00 | SER | Light Vehicle Mileage | 4.40 | 242.00 |
| 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 |
| 1.00 | EQP | 5.5 D V Tool | 5,335.26 | 5,335.26 |
| 2.00 | EQP | 5.5 Basket | 394.29 | 788.58 |
| 25.00 | EQP | 5.5 Centralizer | 57.33 | 1,433.25 |
| 1.00 | CEMENTER | Andrew Forslund | | |
| 1.00 | EQUIP OPER | Paul Beaver | | |
| 1.00 | EQUIP OPER | 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

\$ 5,175.47

ONLY IF PAID ON OR BEFORE
Jul 20, 2013

| | |
|------------------------|------------------|
| 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: 137023
Invoice Date: Jun 25, 2013
Page: 2

Now Includes:



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

| Customer ID | Field Ticket # | Payment Terms | |
|--------------|----------------|---------------|----------|
| FIML | 60753 | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-02 | Oakley | Jun 25, 2013 | 7/25/13 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|-------------|--------------------|------------|--------|
| 1.00 | EQUIP OPER | Talon Jones | | |
| 1.00 | OPER ASSIST | Chris Helpingstine | | |

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

\$ 5,175.47

ONLY IF PAID ON OR BEFORE Jul 20, 2013

| | |
|------------------------|------------------|
| Subtotal | 22,502.06 |
| Sales Tax | 1,363.24 |
| Total Invoice Amount | 23,865.30 |
| Payment/Credit Applied | |
| TOTAL | 23,865.30 |

ALLIED OIL & GAS SERVICES, LLC 060753

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:

Dakley

| | | | | | | | |
|-----------------------------|-----------------------------|---------------------------------------|-----------------|----------------|---------------------|--------------------------|---------------------------|
| DATE <i>6-25-13</i> | SEC <i>30</i> | TWP. <i>18</i> | RANGE <i>31</i> | CALLED OUT | ON LOCATION | JOB START <i>7:00 PM</i> | JOB FINISH <i>4:30 PM</i> |
| <i>moore</i> LEASE TRUST | <i>70-30-1831</i> WELL # | LOCATION <i>scott city 6 E 15 1 E</i> | | | COUNTY <i>scott</i> | STATE <i>ks</i> | |
| OLD OR (NEW) (Circle one) | | | | <i>5 winto</i> | | | |

CONTRACTOR *H2 #1*
TYPE OF JOB *Production (bottom stage)*
HOLE SIZE *7 7/8* T.D. *4807.67'*
CASING SIZE *5 1/2* DEPTH *4807.67'*
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL *OV* DEPTH *3683.89*
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT *21.10*
CEMENT LEFT IN CSG. *21.10'*
PERFS.
DISPLACEMENT *113.92* *water* *mud*
41.95 *21.8%*

OWNER *same*
CEMENT
AMOUNT ORDERED *230 sks ASC*
5th Gilsomite 10% salt 2% gel
1/4 Flo seal 12.80L super flush
COMMON @
POZMIX @
GEL *4 sks* @ *23.40* *93.60*
CHLORIDE @
ASC *230 sks* @ *20.90* *4807.00*
@
Gilsomite 1150# @ *.98* *1127.00*
@
salt 24 sks @ *2.35* *62.40*
@
Flo seal 57# @ *2.97* *169.29*
@
super flush 12.80L @ *58.70* *701.40*
HANDLING *280.93* *cy/ft* @ *2.48* *696.70*
MILEAGE *2.60* *mi/ft* @ *11.71* *20.16*
TOTAL *9904.92*

EQUIPMENT

PUMP TRUCK CEMENTER *Andrea*
423-281 HELPER *Paul* *OS*
BULK TRUCK
396 DRIVER *Talon*
BULK TRUCK
540 DRIVER *Chris*

REMARKS:

*Pump 12.80L super flush, mix
230 sks asc. wash pump and
line clean. Release plug
start displacement
1000# LIFT pressure
1500# Land plug float hold
Open DV tool 800#*

Thank you

SERVICE

DEPTH OF JOB *4807.67'*
PUMP TRUCK CHARGE *2765.75*
EXTRA FOOTAGE @
MILEAGE *55 miles* @ *2.20* *423.50*
MANIFOLD *head* @ *225.00*
light vehicle @ *4.40* *242.00*
@

TOTAL *3706.25*

CHARGE TO: *FJML*
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

5/2
1 sure seal float shoe @ *608.40*
1 sure seal float collar @ *725.40*
1 DV tool @ *5335.26*
2 baskets @ *394.29* *788.58*
25 Centralizers @ *57.33* *1433.25*

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 *22,602.06*
DISCOUNT *5,175.47* IF PAID IN 30 DAYS
17,326.58 Net

PRINTED NAME *Gary Dolge*
SIGNATURE *Gary Dolge*