



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1074386
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: _____

1074386

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
--	---

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	FIML Natural Resources, LLC
Well Name	Spitzer 3-6-1931
Doc ID	1074386

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
		Plug #1 cmtd w/ 50 sx A/Pozmix	2260-2037'
		Plug #2 cmtd w/ 80 sx A/Pozmix	1520-1164'
		Plug #3 cmtd w/ 50 sx A/Pozmix	740-517'
		Plug #4 cmtd w/ 50 sx A/Pozmix	400-177'
		Plug #5 cmtd w/ 20 sx A/Pozmix	60-0'
		Mouse and rat hole cmtd w/ 50 sx A/Pozmix	Mouse and rat hole

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



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

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

Sam Brownback, Governor

March 15, 2012

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

Re: ACO1
API 15-171-20846-00-00
Spitzer 3-6-1931
NW/4 Sec.06-19S-31W
Scott County, Kansas

Dear Production Department:

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

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

Respectfully,
Cassie Parks



INVOICE

PO Box 31
Russell, KS 67665

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

Invoice Number: 129859
Invoice Date: Jan 13, 2012
Page: 1

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

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms	
FIML	Spitzer #3-6-1931	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jan 13, 2013	2/12/12

Quantity	Item	Description	Unit Price	Amount
240.00	MAT	Class A Common	16.25	3,900.00
5.00	MAT	Gel	21.25	106.25
9.00	MAT	Chloride	58.20	523.80
60.00	MAT	FloSeal	2.70	162.00
256.00	SER	Handling	2.25	576.00
55.00	SER	Mileage	28.16	1,548.80
1.00	SER	Surface	1,125.00	1,125.00
78.00	SER	Extra Footage	0.95	74.10
55.00	SER	Heavy Vehicle Mileage	7.00	385.00
1.00	SER	Manifold Head Rental	200.00	200.00
55.00	SER	Light Vehicle Mileage	4.00	220.00
1.00	EQP	8 5/8 Fiber Baffle Plate	175.00	175.00
3.00	EQP	8 5/8 Centralizers	64.00	192.00
1.00	EQP	8 5/8 Wooden Plug	92.00	92.00
1.00	CEMENTER	Andrew Forslund		
1.00	EQUIP OPER	Jerry Yates		
1.00	OPER ASSIST	Brandon Wilkinson		

DI1220

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

\$ 1855.99

ONLY IF PAID ON OR BEFORE
Feb 7, 2012

Subtotal	9,279.95
Sales Tax	376.03
Total Invoice Amount	9,655.98
Payment/Credit Applied	
TOTAL	9,655.98

*8100-145
Alan Q. BL*

7799.99 ✓

ALLIED CEMENTING CO., LLC. 035314

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Daklex

DATE <u>1-13-12</u>	SEC. <u>6</u>	TWP. <u>19</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>6:30pm</u>	JOB FINISH <u>7:00pm</u>
LEASE <u>SPITZER</u>	WELL # <u>3-6-1931</u>	LOCATION <u>scott city 6E 35</u>			COUNTY <u>scott</u>	STATE <u>ks</u>	
OLD OR NEW (Circle one) <u>NEW</u>		<u>4E sinto</u>					

CONTRACTOR H2 Drilling Rig 1
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 378'
 CASING SIZE 8 5/8 DEPTH 378'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 40.33
 CEMENT LEFT IN CSG. 40.33
 PERFS.
 DISPLACEMENT 21.5

OWNER same
 CEMENT AMOUNT ORDERED 240 sks com
3% cc 2% gel
 COMMON 240 sks @ 16.25 3900.00
 POZMIX @
 GEL 5 sks @ 21.25 106.25
 CHLORIDE 9 sks @ 58.20 523.80
 ASC @
Flo-seal 60 # @ 2.70 162.00
 HANDLING 256 sks @ 2.25 576.00
 MILEAGE 118 sk/mile 1548.80
 TOTAL 6816.85

EQUIPMENT
 PUMP TRUCK CEMENTER Andrew
 # 422 HELPER Jerry
 BULK TRUCK
 # 342 DRIVER Brandon
 BULK TRUCK
 # DRIVER

REMARKS:
Cement did circulate
thank you
 CHARGE TO: FIML
 STREET
 CITY STATE ZIP

SERVICE
 DEPTH OF JOB 378'
 PUMP TRUCK CHARGE 1125.00
 EXTRA FOOTAGE 78' @ .95 74.10
 MILEAGE 55 miles @ 7.00 385.00
 MANIFOLD head @ 200.00
 Light vehicle @ 4.00 220.00
 TOTAL 2004.10

PLUG & FLOAT EQUIPMENT
858
1 Fiber baffle plate @ 125.00
3 centralizers @ 64.00 192.00
1 wooden plug @ 92.00
 TOTAL 459.00

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

PRINTED NAME Gary Dole
 SIGNATURE [Signature]

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



PO Box 93999
Southlake, TX 76092

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



INVOICE

Invoice Number: 129999
Invoice Date: Jan 22, 2012
Page: 1

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

Federal Tax I.D.#: 20-8651475

Customer ID	Well Name# or Customer P.O.	Payment Terms	
FIML	Spiteer #3-1-1931	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Jan 22, 2012	2/21/12

Quantity	Item	Description	Unit Price	Amount
180.00	MAT	Class A Common	16.25	2,925.00
120.00	MAT	Pozmix	8.50	1,020.00
10.00	MAT	Gel	21.25	212.50
75.00	MAT	Flo Seal	2.70	202.50
313.00	SER	Handling	2.25	704.25
55.00	SER	Mileage 313 sx @.11	34.43	1,893.65
1.00	SER	Plug to Abandon	1,250.00	1,250.00
55.00	SER	Pump Truck Mileage	7.00	385.00
55.00	SER	Light Vehicle Mileage	4.00	220.00
1.00	CEMENTER	LaRene Wentz		
1.00	EQUIP OPER	Darren Racette		
1.00	OPER ASSIST	Ethan Glassman		

8100.190
D11220

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

\$ 1762.58

ONLY IF PAID ON OR BEFORE
Feb 16, 2012

Subtotal	8,812.90
Sales Tax	643.34
Total Invoice Amount	9,456.24
Payment/Credit Applied	
TOTAL	9,456.24

\$7693.66 ✓

ALLIED CEMENTING CO., LLC. 036165

Federal Tax I.D.# 20-5975804

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

SERVICE POINT

Oakley

DATE <i>1-22-12</i>	SEC. <i>6</i>	TWP. <i>19</i>	RANGE <i>31</i>	CALLED OUT	ON LOCATION <i>6:00 PM</i>	JOB START <i>11:00 AM</i>	JOB FINISH <i>12:00 PM</i>
LEASE <i>Spitcer</i>	WELL # <i>8-6-1931</i>	LOCATION <i>Scott City 6E-35-14E Side</i>			COUNTY <i>Scott</i>	STATE <i>Ks.</i>	
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)							

CONTRACTOR *H2 Rig 1*

TYPE OF JOB *PTA*

HOLE SIZE *7 7/8* T.D. *4800*

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE *4 1/2* DEPTH *2260*

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT *2502 bbl*

EQUIPMENT

OWNER *Same*

CEMENT

AMOUNT ORDERED *300 SKS 60/40 4% Gel*

1/4 Flo

COMMON	<i>180 SKS</i>	@ <i>16.25</i>	<i>2925.00</i>
POZMIX	<i>120 SKS</i>	@ <i>8.50</i>	<i>1020.00</i>
GEL	<i>10 SKS</i>	@ <i>21.25</i>	<i>212.50</i>
CHLORIDE		@	
ASC		@	
<i>Flo Seal</i>	<i>75 lbs</i>	@ <i>2.70</i>	<i>202.50</i>
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<i>313 SKS</i>	@ <i>2.25</i>	<i>704.25</i>
MILEAGE	<i>110 SK - mile</i>		<i>1893.65</i>
TOTAL			<i>6755.40</i>

PUMP TRUCK CEMENTER *LaRene*

431 HELPER *Darren*

BULK TRUCK

394-287 DRIVER *Ethan*

BULK TRUCK

DRIVER

REMARKS:

mix 50sks @ 2260

mix 80sks @ 1520

mix 50sks @ 740

mix 50sks @ 400

mix 20sks @ 60

Plug mH @ 20 SKS

Plug RH 30 SKS.

Thank You

SERVICE

DEPTH OF JOB	<i>2260</i>		
PUMP TRUCK CHARGE			<i>1250.00</i>
EXTRA FOOTAGE		@	
MILEAGE	<i>55</i>	@ <i>7.00</i>	<i>385.00</i>
MANIFOLD		@	
<i>Lite V mileage</i>		@ <i>4.00</i>	<i>220.00</i>
		@	
TOTAL			<i>7855.00</i>

CHARGE TO: *FIML Natural Resources*

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL			

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

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME *Gary Dole 620-640-5718*

SIGNATURE *Gary Dole*



DRILL STEM TEST REPORT

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

410 17th. ST STE 900
Denver CO 80202

ATTN: Jim Musgrove

Spitzer #3-6

6-19-31 Scott,KS

Start Date: 2012.01.18 @ 16:44:15

End Date: 2012.01.19 @ 00:02:15

Job Ticket #: 44916 DST #: 1

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

Printed: 2012.01.26 @ 08:36:33



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FIML Natural Resources, LLC

6-19-31 Scott, KS

410 17th. ST STE 900
Denver CO 80202

Spitzer #3-6

Job Ticket: 44916

DST#: 1

ATTN: Jim Musgrove

Test Start: 2012.01.18 @ 16:44:15

GENERAL INFORMATION:

Formation: "J"
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 19:07:45
 Tester: Mike Roberts
 Time Test Ended: 00:02:15
 Unit No: 48
 Interval: **4226.00 ft (KB) To 4266.00 ft (KB) (TVD)**
 Reference Elevations: 2981.00 ft (KB)
 Total Depth: 4266.00 ft (KB) (TVD)
 2971.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 10.00 ft

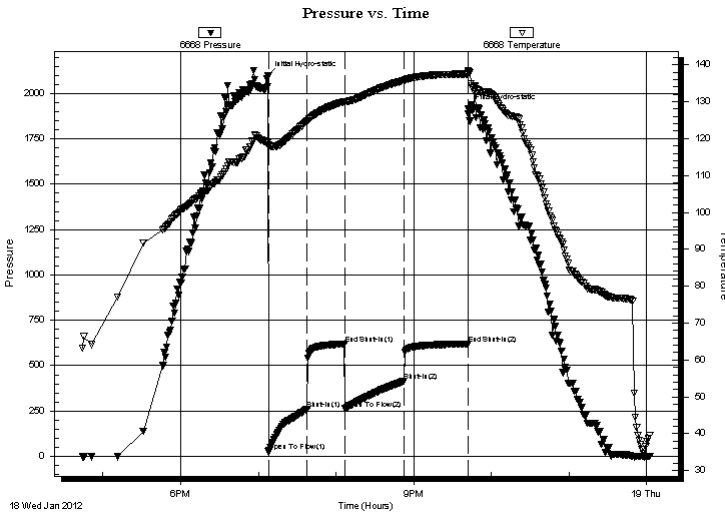
Serial #: 6668

Outside

Press @ Run Depth: 413.55 psig @ 4228.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.01.18 End Date: 2012.01.19 Last Calib.: 2012.01.19
 Start Time: 16:44:15 End Time: 00:02:15 Time On Btm: 2012.01.18 @ 19:07:30
 Time Off Btm: 2012.01.18 @ 21:42:00

TEST COMMENT: IF:BOB in 9 min.
 IS:No return blow
 FF:BOB in 9 min.
 FS:No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2095.56	118.93	Initial Hydro-static
1	25.27	117.76	Open To Flow (1)
31	258.47	124.68	Shut-In(1)
59	619.58	129.99	End Shut-In(1)
60	261.66	129.94	Open To Flow (2)
105	413.55	135.71	Shut-In(2)
155	619.28	137.41	End Shut-In(2)
155	1917.66	138.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
662.00	sw 100% sw	5.72

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources, LLC

6-19-31 Scott,KS

410 17th. ST STE 900
Denver CO 80202

Spitzer #3-6

Job Ticket: 44916

DST#: 1

ATTN: Jim Musgrove

Test Start: 2012.01.18 @ 16:44:15

Tool Information

Drill Pipe:	Length: 3847.00 ft	Diameter: 3.80 inches	Volume: 53.96 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 392.00 ft	Diameter: 2.25 inches	Volume: 1.93 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 55.89 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4226.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	60.00 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			4207.00	
Shut In Tool	5.00			4212.00	
Hydraulic tool	5.00			4217.00	
Packer	5.00			4222.00	20.00 Bottom Of Top Packer
Packer	4.00			4226.00	
Stubb	1.00			4227.00	
Perforations	1.00			4228.00	
Recorder	0.00	8358	Inside	4228.00	
Recorder	0.00	6668	Outside	4228.00	
Change Over Sub	1.00			4229.00	
Drill Pipe	31.00			4260.00	
Change Over Sub	1.00			4261.00	
Bullnose	5.00			4266.00	40.00 Bottom Packers & Anchor

Total Tool Length: 60.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources, LLC

6-19-31 Scott,KS

410 17th. ST STE 900
Denver CO 80202

Spitzer #3-6

Job Ticket: 44916

DST#: 1

ATTN: Jim Musgrove

Test Start: 2012.01.18 @ 16:44:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

25000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.76 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
662.00	sw 100% sw	5.715

Total Length: 662.00 ft Total Volume: 5.715 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

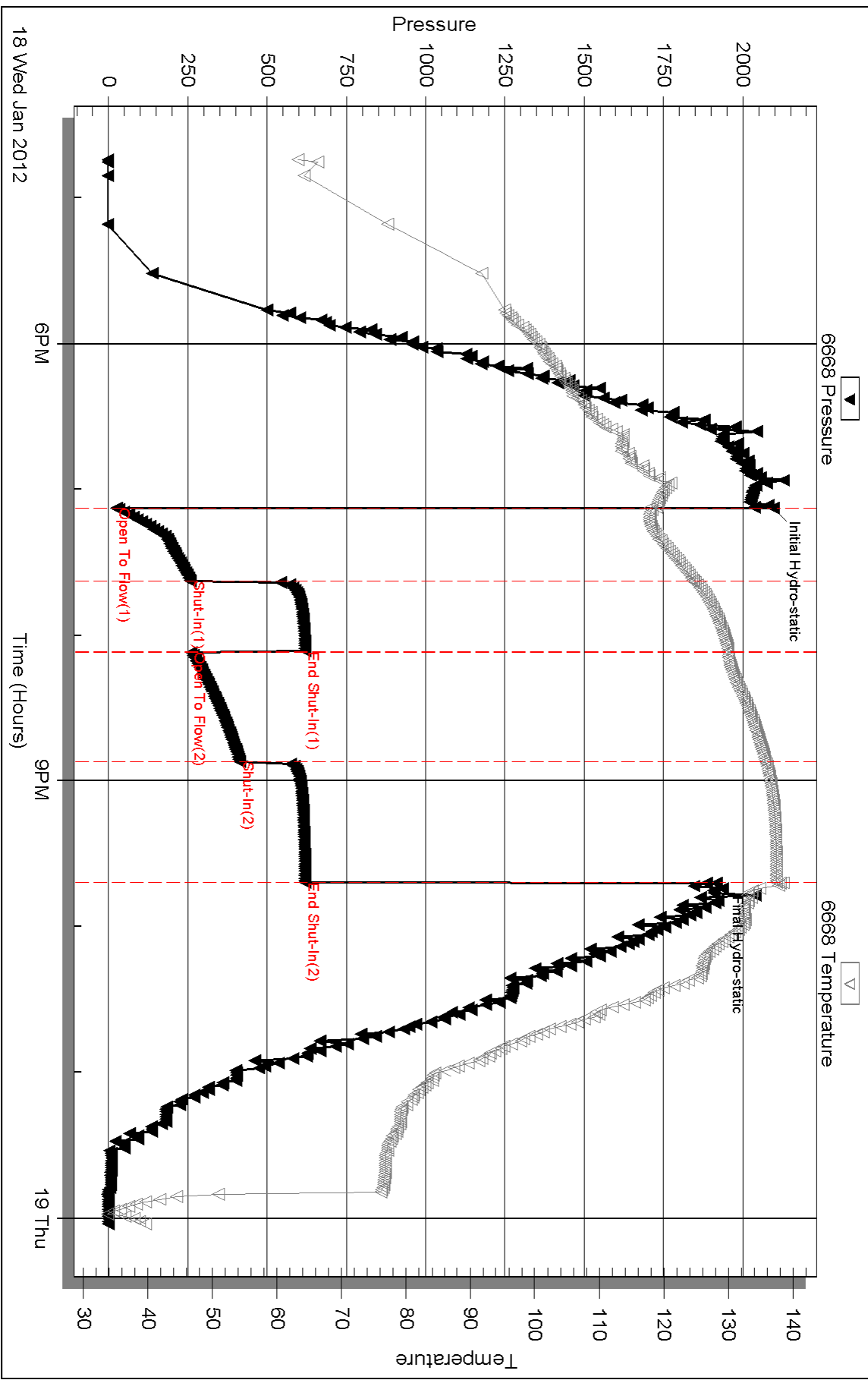
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.543@36.9*=25,000 ppm

Pressure vs. Time



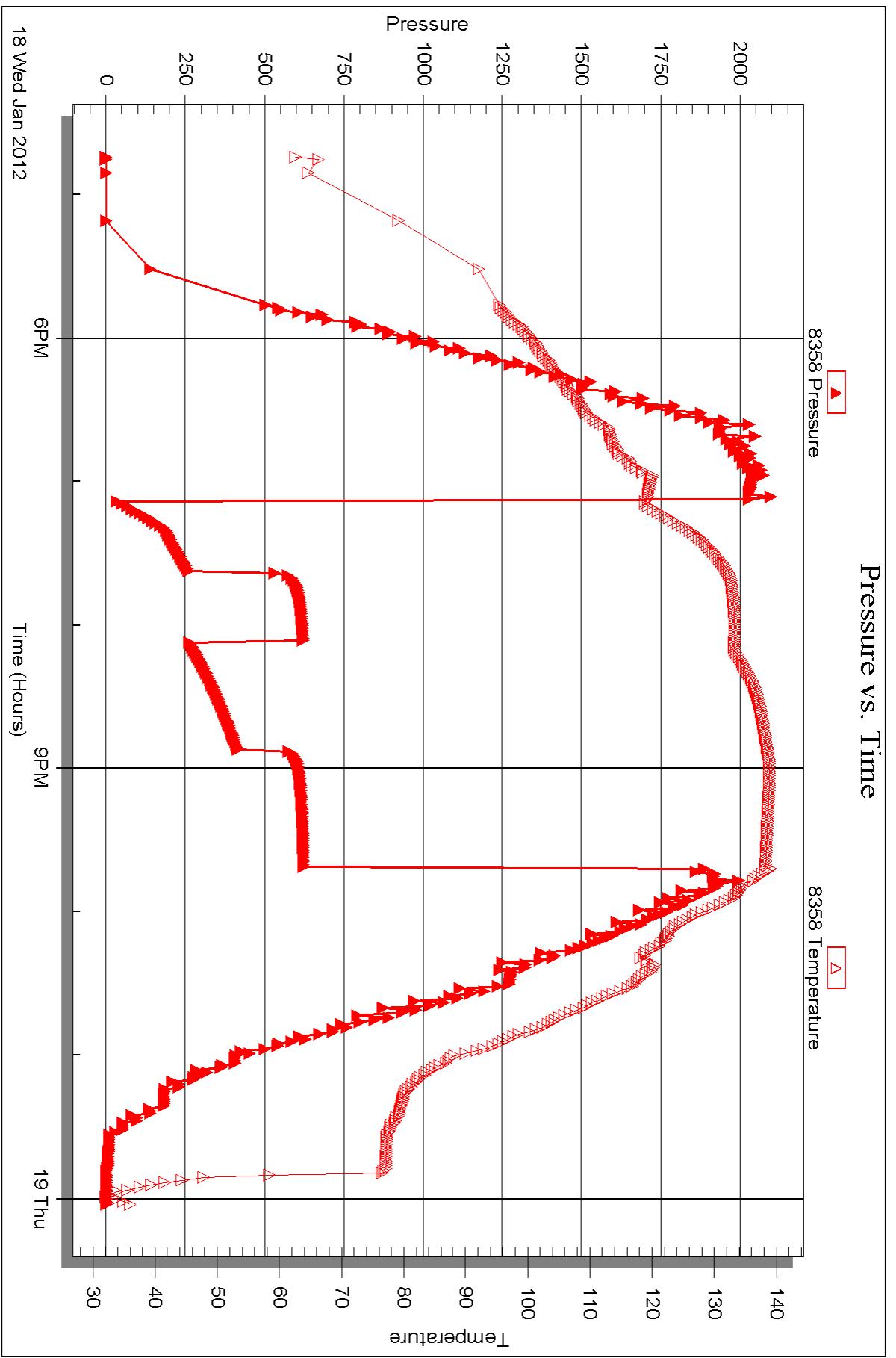
Serial #: 8358

Inside

FIML Natural Resources, LLC

Spitzer #3-6

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 44916

Printed: 2012.01.26 @ 08:36:35



DRILL STEM TEST REPORT

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

410 17th. ST STE 900
Denver CO 80202

ATTN: Jim Musgrove

Spitzer #3-6

6-19-31 Scott,KS

Start Date: 2012.01.19 @ 09:57:15

End Date: 2012.01.19 @ 17:14:45

Job Ticket #: 44917 DST #: 2

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

Printed: 2012.01.26 @ 08:35:26



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FIML Natural Resources, LLC

6-19-31 Scott, KS

410 17th. ST STE 900
Denver CO 80202

Spitzer #3-6

Job Ticket: 44917

DST#: 2

ATTN: Jim Musgrove

Test Start: 2012.01.19 @ 09:57:15

GENERAL INFORMATION:

Formation: "K"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:38:45
 Time Test Ended: 17:14:45
 Interval: **4271.00 ft (KB) To 4326.00 ft (KB) (TVD)**
 Total Depth: 4326.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 48
 Reference Elevations: 2981.00 ft (KB)
 2971.00 ft (CF)
 KB to GR/CF: 10.00 ft

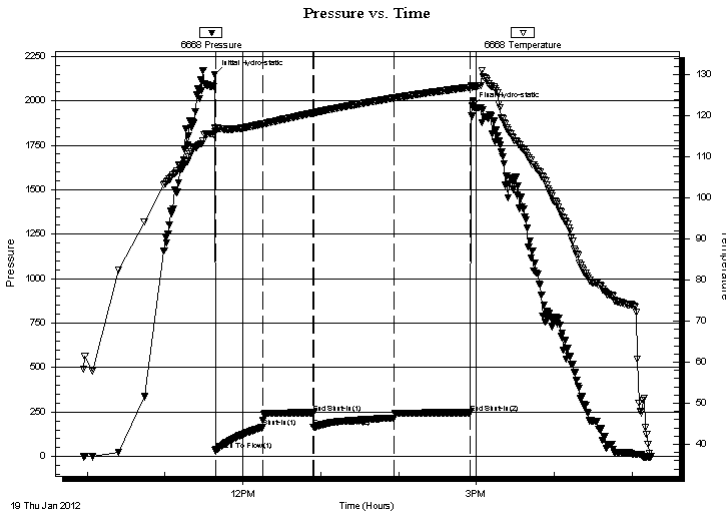
Serial #: 6668

Outside

Press @ Run Depth: 216.53 psig @ 4277.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.01.19 End Date: 2012.01.19 Last Calib.: 2012.01.19
 Start Time: 09:57:15 End Time: 17:14:45 Time On Btm: 2012.01.19 @ 11:38:30
 Time Off Btm: 2012.01.19 @ 14:56:30

TEST COMMENT: IF: Built to 9" blow
 IS: No return blow
 FF: Built to 5" blow
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2147.56	117.10	Initial Hydro-static
1	32.81	116.16	Open To Flow (1)
37	162.74	118.05	Shut-In(1)
76	245.78	120.78	End Shut-In(1)
76	165.02	120.77	Open To Flow (2)
138	216.53	124.39	Shut-In(2)
197	246.00	127.02	End Shut-In(2)
198	1969.30	127.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
372.00	mcw with oil spots 20% m 80% w	1.83
10.00	w cm 20% w 80% m	0.14

* 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, LLC

6-19-31 Scott,KS

410 17th. ST STE 900
Denver CO 80202

Spitzer #3-6

Job Ticket: 44917

DST#: 2

ATTN: Jim Musgrove

Test Start: 2012.01.19 @ 09:57:15

Tool Information

Drill Pipe:	Length: 3901.00 ft	Diameter: 3.80 inches	Volume: 54.72 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 372.00 ft	Diameter: 2.25 inches	Volume: 1.83 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 56.55 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4271.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	75.00 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			4252.00	
Shut In Tool	5.00			4257.00	
Hydraulic tool	5.00			4262.00	
Packer	5.00			4267.00	20.00 Bottom Of Top Packer
Packer	4.00			4271.00	
Stubb	1.00			4272.00	
Perforations	5.00			4277.00	
Recorder	0.00	8358	Inside	4277.00	
Recorder	0.00	6668	Outside	4277.00	
Change Over Sub	1.00			4278.00	
Drill Pipe	32.00			4310.00	
Change Over Sub	1.00			4311.00	
Perforations	10.00			4321.00	
Bullnose	5.00			4326.00	55.00 Bottom Packers & Anchor

Total Tool Length: 75.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources, LLC

6-19-31 Scott,KS

410 17th. ST STE 900
Denver CO 80202

Spitzer #3-6

Job Ticket: 44917

DST#: 2

ATTN: Jim Musgrove

Test Start: 2012.01.19 @ 09:57:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

25000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.76 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
372.00	mcw with oil spots 20% m 80% w	1.829
10.00	wcm 20% w 80% m	0.140

Total Length: 382.00 ft Total Volume: 1.969 bbf

Num Fluid Samples: 0

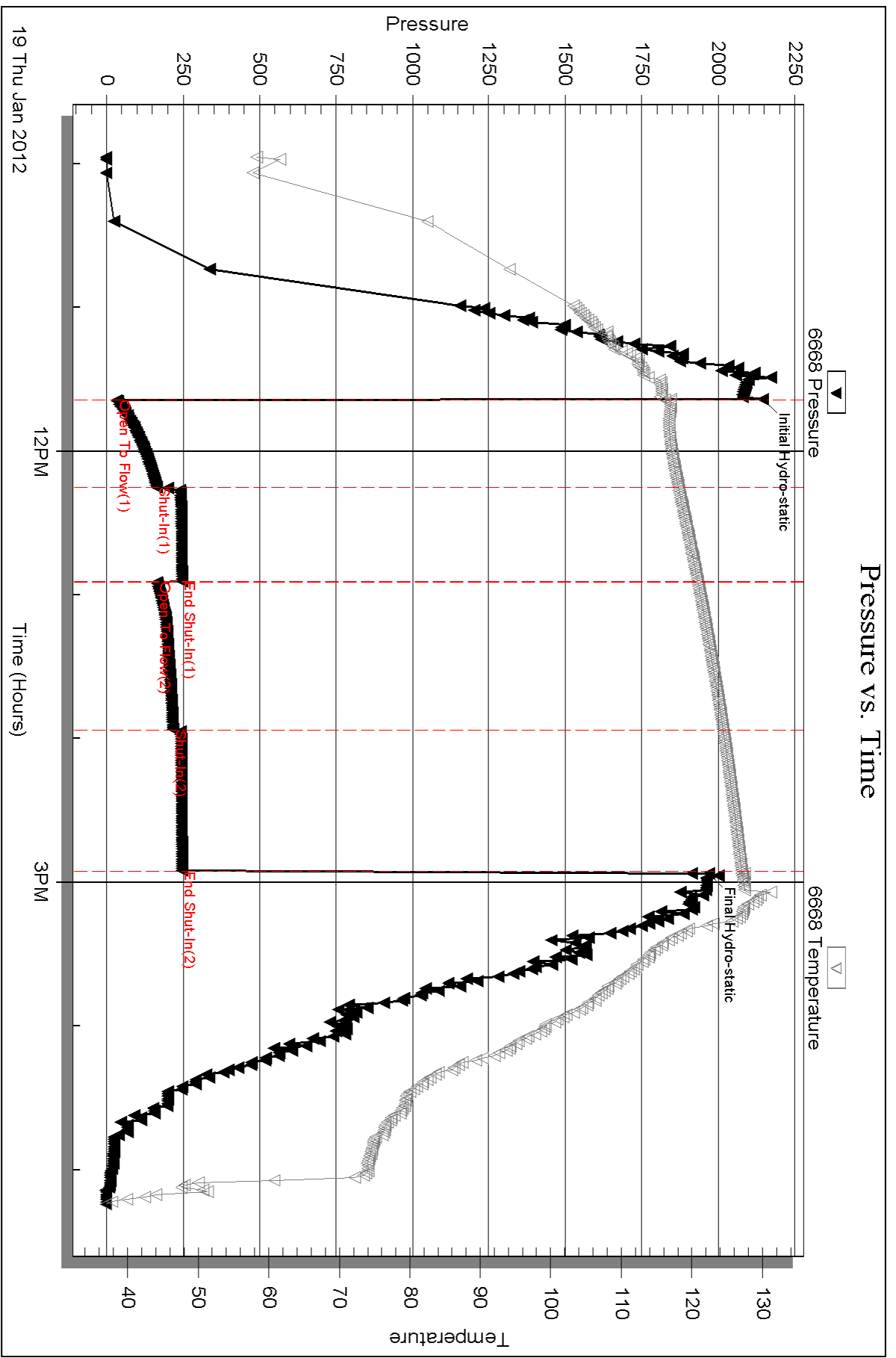
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .537 @ 38.2=25,000 ppm



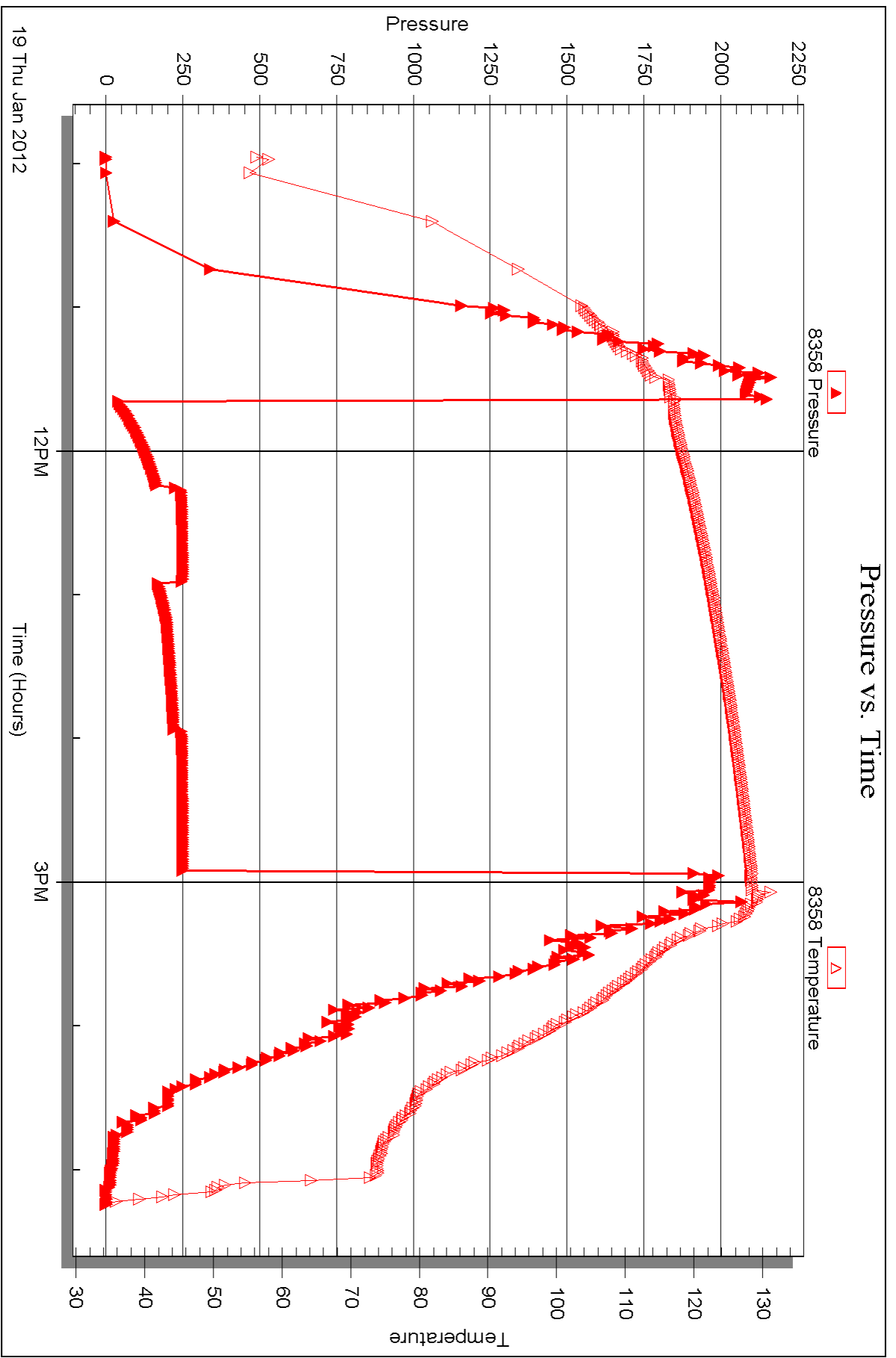
Serial #: 8358

Inside

FIML Natural Resources, LLC

Spitzer #3-6

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

Spitzer #3-6

6-19-31 Scott,KS

Start Date: 2012.01.20 @ 09:15:15

End Date: 2012.01.20 @ 15:40:45

Job Ticket #: 44918 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.01.26 @ 08:34:42



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FIML Natural Resources, LLC

6-19-31 Scott, KS

410 17th. ST STE 900
Denver CO 80202

Spitzer #3-6

Job Ticket: 44918

DST#: 3

ATTN: Jim Musgrove

Test Start: 2012.01.20 @ 09:15:15

GENERAL INFORMATION:

Formation: **Marmaton A-B-C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:16:30

Time Test Ended: 15:40:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 48

Interval: 4321.00 ft (KB) To 4411.00 ft (KB) (TVD)

Reference Elevations: 2981.00 ft (KB)

Total Depth: 4411.00 ft (KB) (TVD)

2971.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6668 Outside

Press @ Run Depth: 286.14 psig @ 4327.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.20

End Date: 2012.01.20

Last Calib.: 2012.01.20

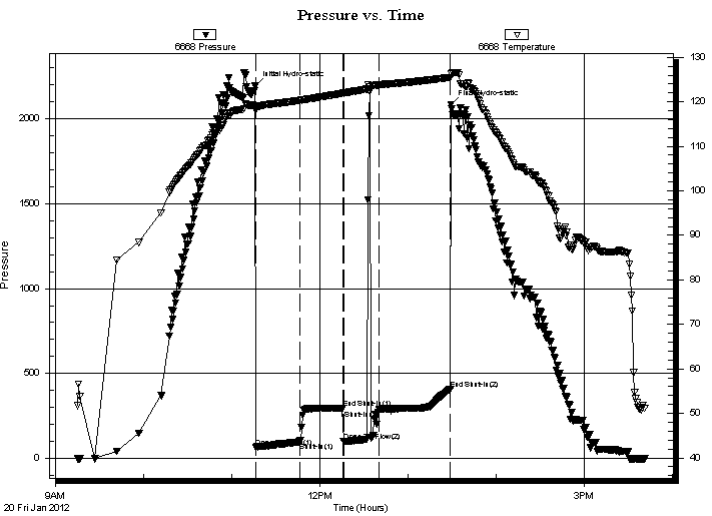
Start Time: 09:15:15

End Time: 15:40:45

Time On Btm: 2012.01.20 @ 11:16:15

Time Off Btm: 2012.01.20 @ 13:29:15

TEST COMMENT: IF: Built to 11/2" blow
IS: No return blow
FF: No blow -- flushed tool- no blow
FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2192.84	119.08	Initial Hydro-static
1	66.44	118.08	Open To Flow (1)
31	97.81	120.33	Shut-In(1)
60	296.57	121.92	End Shut-In(1)
60	99.44	121.93	Open To Flow (2)
84	286.14	123.80	Shut-In(2)
133	406.24	125.50	End Shut-In(2)
133	2082.99	126.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	m 100% m	0.44

* 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, LLC

6-19-31 Scott,KS

410 17th. ST STE 900
Denver CO 80202

Spitzer #3-6

Job Ticket: 44918

DST#: 3

ATTN: Jim Musgrove

Test Start: 2012.01.20 @ 09:15:15

Tool Information

Drill Pipe:	Length: 3933.00 ft	Diameter: 3.80 inches	Volume: 55.17 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 372.00 ft	Diameter: 2.25 inches	Volume: 1.83 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 57.00 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4321.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	90.00 ft			
Tool Length:	110.00 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			4302.00	
Shut In Tool	5.00			4307.00	
Hydraulic tool	5.00			4312.00	
Packer	5.00			4317.00	20.00 Bottom Of Top Packer
Packer	4.00			4321.00	
Stubb	1.00			4322.00	
Perforations	5.00			4327.00	
Recorder	0.00	8358	Inside	4327.00	
Recorder	0.00	6668	Outside	4327.00	
Change Over Sub	1.00			4328.00	
Drill Pipe	63.00			4391.00	
Change Over Sub	1.00			4392.00	
Perforations	14.00			4406.00	
Bullnose	5.00			4411.00	90.00 Bottom Packers & Anchor

Total Tool Length: 110.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources, LLC

6-19-31 Scott,KS

410 17th. ST STE 900
Denver CO 80202

Spitzer #3-6

Job Ticket: 44918

DST#: 3

ATTN: Jim Musgrove

Test Start: 2012.01.20 @ 09:15:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	m 100% m	0.443

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0

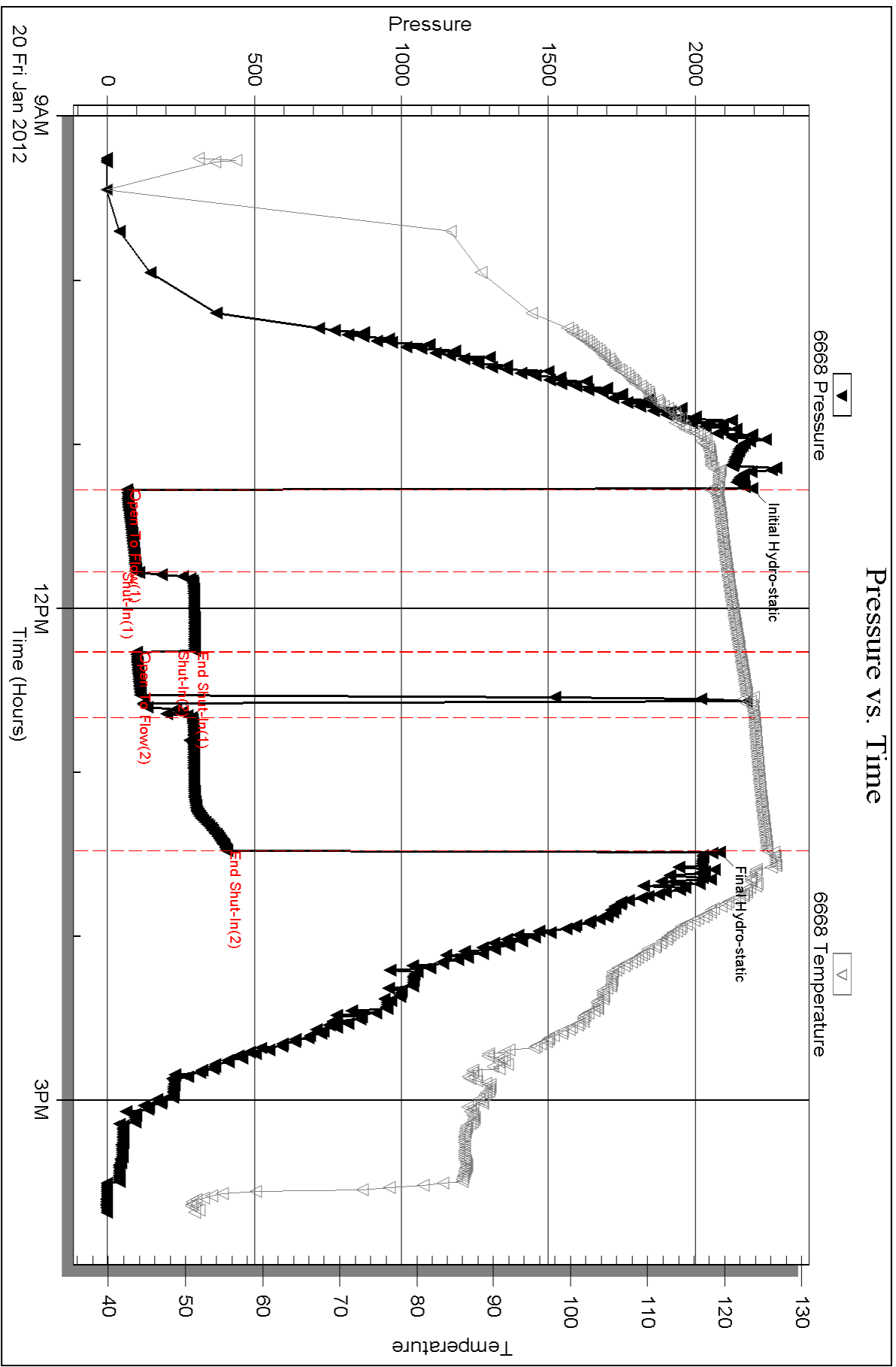
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



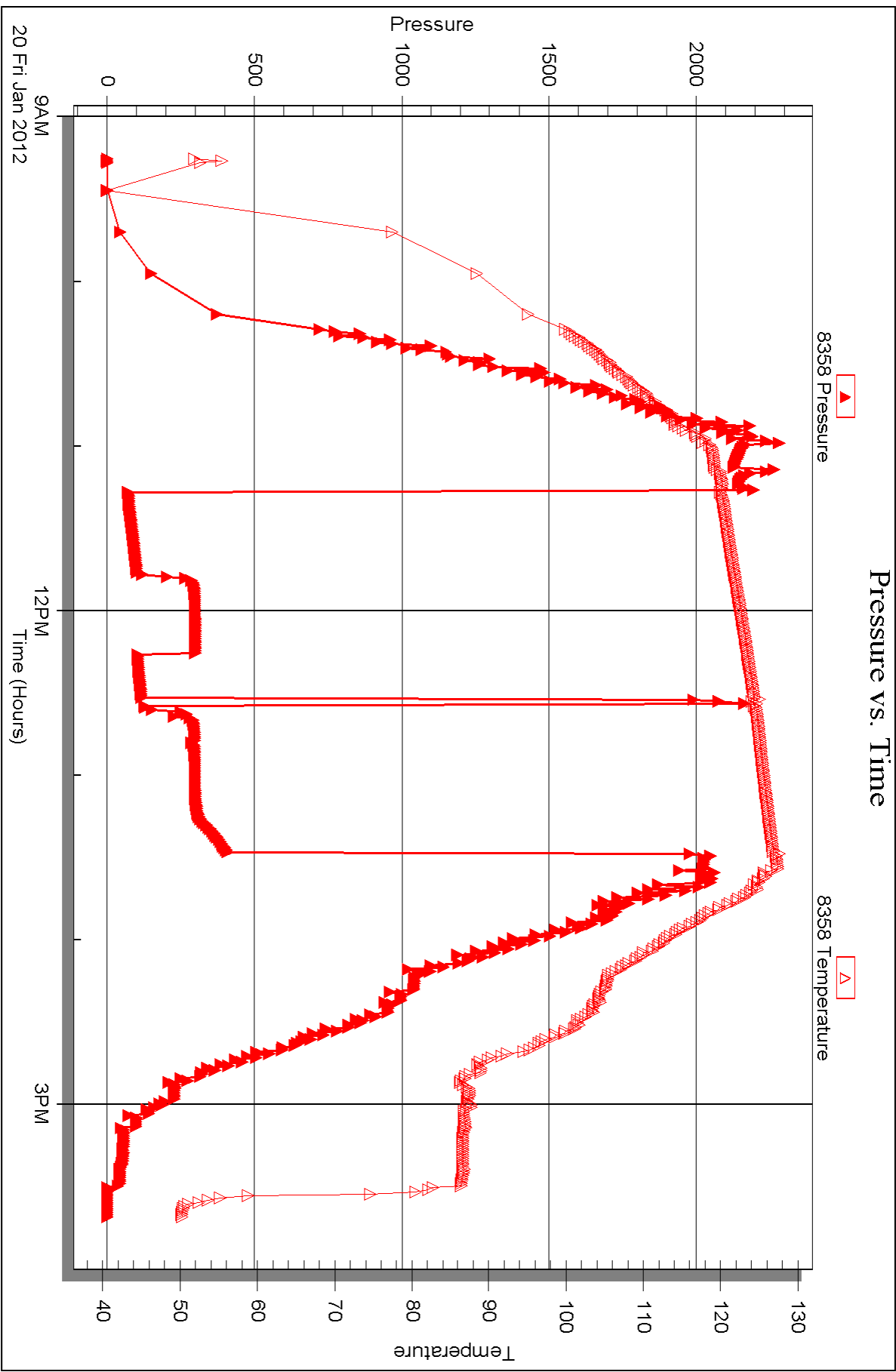
Serial #: 8358

Inside

FIML Natural Resources, LLC

Spitzer #3-6

DST Test Number: 3





DRILL STEM TEST REPORT

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

410 17th. ST STE 900
Denver CO 80202

ATTN: Jim Musgrove

Spitzer #3-6

6-19-31 Scott,KS

Start Date: 2012.01.21 @ 06:00:15

End Date: 2012.01.21 @ 12:09:45

Job Ticket #: 44919 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.01.26 @ 08:34:03

FIML Natural Resources, LLC
6-19-31 Scott,KS
Spitzer #3-6
DST # 4
Myric St. Ft. Scott.
2012.01.21



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FIML Natural Resources, LLC

6-19-31 Scott,KS

410 17th. ST STE 900
Denver CO 80202

Spitzer #3-6

Job Ticket: 44919

DST#: 4

ATTN: Jim Musgrove

Test Start: 2012.01.21 @ 06:00:15

GENERAL INFORMATION:

Formation: **Myric St. Ft. Scott.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:04:45

Time Test Ended: 12:09:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 48

Interval: 4451.00 ft (KB) To 4530.00 ft (KB) (TVD)

Reference Elevations: 2981.00 ft (KB)

Total Depth: 4530.00 ft (KB) (TVD)

2971.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6668 Outside

Press @ Run Depth: 21.09 psig @ 4457.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.21

End Date: 2012.01.21

Last Calib.: 2012.01.21

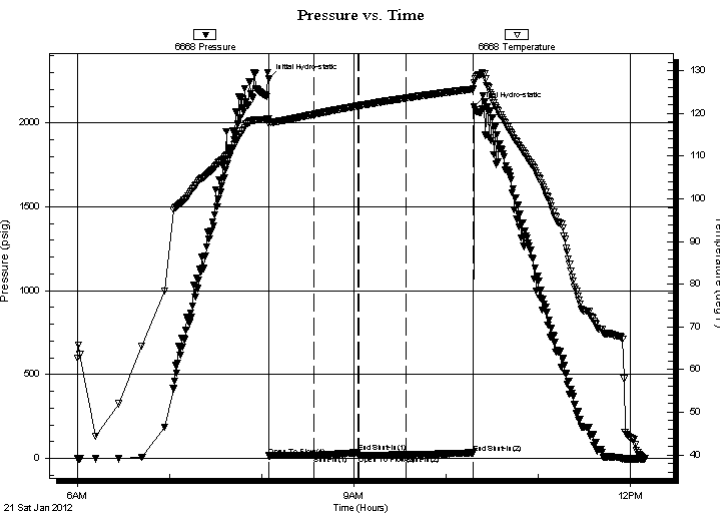
Start Time: 06:00:15

End Time: 12:09:45

Time On Btm: 2012.01.21 @ 08:04:30

Time Off Btm: 2012.01.21 @ 10:18:15

TEST COMMENT: IF: Built to 1/2" blow
IS: No return blow
FF: No blow
FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2262.07	118.70	Initial Hydro-static
1	15.81	117.66	Open To Flow (1)
30	18.56	119.77	Shut-In(1)
59	35.10	121.76	End Shut-In(1)
59	19.96	121.79	Open To Flow (2)
90	21.09	123.58	Shut-In(2)
133	33.46	125.69	End Shut-In(2)
134	2098.38	127.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	m 100% m	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, LLC

6-19-31 Scott,KS

410 17th. ST STE 900
Denver CO 80202

Spitzer #3-6

Job Ticket: 44919

DST#: 4

ATTN: Jim Musgrove

Test Start: 2012.01.21 @ 06:00:15

Tool Information

Drill Pipe:	Length: 4060.00 ft	Diameter: 3.80 inches	Volume: 56.95 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 392.00 ft	Diameter: 2.25 inches	Volume: 1.93 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 58.88 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 71000.00 lb
Depth to Top Packer:	4451.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	79.00 ft			
Tool Length:	99.00 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			4432.00	
Shut In Tool	5.00			4437.00	
Hydraulic tool	5.00			4442.00	
Packer	5.00			4447.00	20.00 Bottom Of Top Packer
Packer	4.00			4451.00	
Stubb	1.00			4452.00	
Perforations	5.00			4457.00	
Recorder	0.00	8358	Inside	4457.00	
Recorder	0.00	6668	Outside	4457.00	
Change Over Sub	1.00			4458.00	
Drill Pipe	63.00			4521.00	
Change Over Sub	1.00			4522.00	
Perforations	3.00			4525.00	
Bullnose	5.00			4530.00	79.00 Bottom Packers & Anchor

Total Tool Length: 99.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources, LLC

6-19-31 Scott,KS

410 17th. ST STE 900
Denver CO 80202

Spitzer #3-6

Job Ticket: 44919

DST#: 4

ATTN: Jim Musgrove

Test Start: 2012.01.21 @ 06:00:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.75 in³

Gas Cushion Type:

Resistivity: 0.00 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	m 100% m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

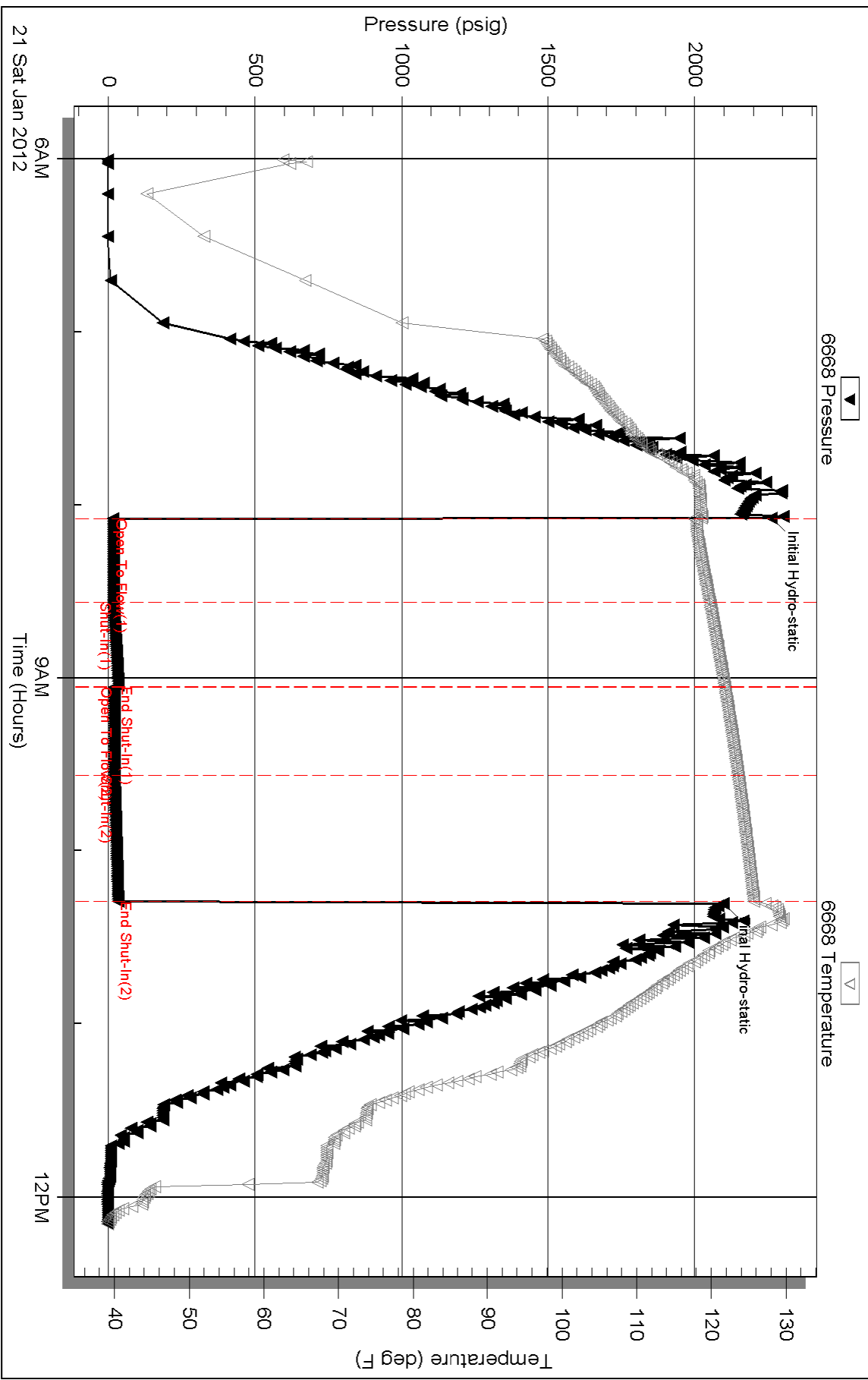
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



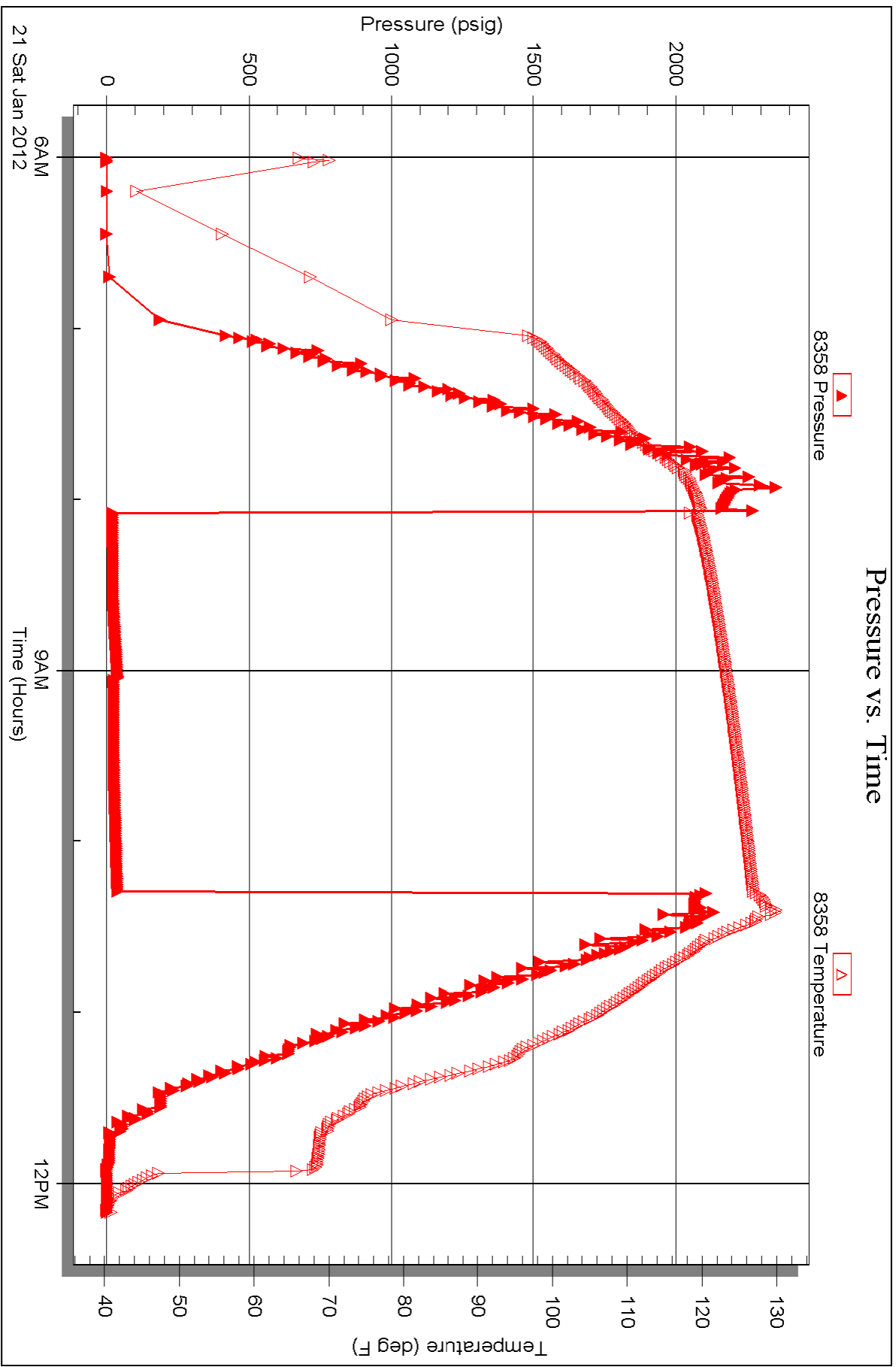
Serial #: 8358

Inside

FIML Natural Resources, LLC

Spitzer #3-6

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 44919

Printed: 2012.01.26 @ 08:34:06



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
JAN 24 2012

Test Ticket

NO. 44916

Well Name & No. Spitzer 3-6 Test No. 1 Date 1-18-12
 Company FIML Natural Resources Elevation 2981 KB 2971 GL
 Address 410 17th ST STE 900 Denver CO 80202
 Co. Rep / Geo. Jim Musgrave Rig HJ Rigi
 Location: Sec. 6 Twp. 19 Rge. 31 Co. Scott State KS

Interval Tested 4226-4266 Zone Tested "J"
 Anchor Length 40' Drill Pipe Run 3847 Mud Wt. 9.0
 Top Packer Depth 4222 Drill Collars Run 392 Vis 50
 Bottom Packer Depth 4226 Wt. Pipe Run Ø WL 6.8
 Total Depth 4266 Chlorides 1400 ppm System LCM 9

Blow Description IF: BOB in 9 Min
IS: NO Return Blow
FF: BOB in 9 Min
FS: NO Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>662</u>	<u>SW</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	Feet of	%gas	%oil	%water	%mud

Rec Total 662 BHT 127 Gravity 1 API RW 543 @ 36.2° F Chlorides 25,000 ppm

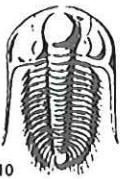
(A) Initial Hydrostatic 2095 Test 1225.00 T-On Location 14:30
 (B) First Initial Flow 25 Jars _____ T-Started 16:44
 (C) First Final Flow 258 Safety Joint _____ T-Open 19:07
 (D) Initial Shut-In 619 Circ Sub NC T-Pulled 21:37
 (E) Second Initial Flow 261 Hourly Standby _____ T-Out 00:02
 (F) Second Final Flow 413 Mileage 25 RT = \$35.00 Comments _____
 (G) Final Shut-In 619 Sampler _____
 (H) Final Hydrostatic 1917 Straddle _____

Ruined Shale Packer _____
 Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____
 Extra Recorder _____
 Day Standby _____
 Accessibility 150.00
 Sub Total \$1410.00
 Sub Total _____
 Sub Total _____

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

Approved By W Day John Our Representative Mike Roberts

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

RECEIVED
JAN 24 2012

Test Ticket

NO. 44917

Well Name & No. Spitzer 3-6 Test No. 2 Date 1-19-12
 Company FIML Natural Resources LLC Elevation 2981 KB 2971 GL
 Address 410 17th ST STE 900 Denver Co 80202
 Co. Rep / Geo. Jim Musgrove Rig H2 Rig 1
 Location: Sec: 6 Twp. 19 Rge. 31 Co. Scott State KS

Interval Tested 4271-~~4236~~ 4326 Zone Tested K
 Anchor Length 55 Drill Pipe Run 3901 Mud Wt. 9.0
 Top Packer Depth 4267 Drill Collars Run ~~392~~ 372 Vis 50
 Bottom Packer Depth 4271 Wt. Pipe Run φ WL 6.8
 Total Depth 4326 Chlorides 1400 ppm System LCM 9
 Blow Description IF: Built to 9" Blow
IS: No Return Blow
FF: Built to 5" Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>372</u>	<u>MCW with oil spots</u>		<u>80</u>	<u>20</u>	
<u>10</u>	<u>WCM</u>		<u>20</u>	<u>80</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 382 BHT 128 Gravity / API RW 1537 @ 38.3 °F Chlorides 25,000 ppm
 Test 1225.00 T-On Location 09:20
 Jars T-Started 09:57
 Safety Joint T-Open 11:40
 Circ Sub NL T-Pulled 14:55
 Hourly Standby T-Out 17:14
 Mileage 25 RT = \$35.00 Comments _____
 Sampler _____
 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility 150.00
 Sub Total \$4410.00 MP/DST Disc't _____
 Initial Open 30
 Initial Shut-In 45
 Final Flow 400
 Final Shut-In 60

Approved By [Signature] Our Representative Mike Roberts

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

RECEIVED
JAN 24 2012
BY: _____

Test Ticket

NO. 44918

Well Name & No. Spitzer 3-6 Test No. 3 Date 1-20-12
 Company FIML Natural Resources LLC Elevation 2981 KB 2971 GL
 Address 410 17th ST STE 900 Denver CO 80202
 Co. Rep / Geo. Jim Musgrove Rig H2 Rigt
 Location: Sec. 6 Twp. 19 Rge. 31 Co. Scott State KS

Interval Tested 4321-4411 Zone Tested Marmaton A-B-C
 Anchor Length 90 Drill Pipe Run 3933 Mud Wt. 9.1
 Top Packer Depth 4318 Drill Collars Run 372 Vis 53
 Bottom Packer Depth 4321 Wt. Pipe Run 6 WL 6.8
 Total Depth 4411 Chlorides 1800 ppm System LCM 9
 Blow Description IF: Built to 1 1/2" Blow
IS: No Return Blow
FF: No Blow - Flushed - NO Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>M</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	Feet of	%gas	%oil	%water	%mud

Rec Total 90 BHT 126 Gravity / API RW / @ / ° F Chlorides / ppm
 (A) Initial Hydrostatic 2192 Test \$1225.⁰⁰ T-On Location 09:00
 (B) First Initial Flow 66 Jars _____ T-Started 09:15
 (C) First Final Flow 97 Safety Joint _____ T-Open 11:15
 (D) Initial Shut-In 296 Circ Sub NC T-Pulled 13:30
 (E) Second Initial Flow 99 Hourly Standby _____ T-Out 15:40
 (F) Second Final Flow 286 Mileage 25 RT = \$35.⁰⁰ Comments _____
 (G) Final Shut-In 406 Sampler _____
 (H) Final Hydrostatic 2082 Straddle _____
 Ruined Shale Packer _____
 Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____
 Extra Recorder _____
 Sub Total _____
 Day Standby _____
 Total _____
 Accessibility \$150.⁰⁰ MP/DST Disc't _____
 Sub Total 1410.⁰⁰

Approved By [Signature] Our Representative Mike Roberts

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 of 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

RECEIVED
JAN 24 2012

Test Ticket

NO. 44919

4/10

BY: _____

Well Name & No. Spitzer 3-6 Test No. 4 Date 1-21-12
 Company FIML Natural Resources LLC Elevation 2981 KB 2971 GL
 Address 410 17th ST STE 900 Denver CO 80202
 Co. Rep / Geo. Jim Musgrove Rig H2 Rig 1
 Location: Sec. 6 Twp. 19 Rge. 31 Co. Scott State KS

Interval Tested 4451-4530 Zone Tested Myric Station - FT Scott - Upper Cherokee Line
 Anchor Length 79 Drill Pipe Run 4060 Mud Wt. 9.1
 Top Packer Depth 4447 Drill Collars Run 372 Vis 53
 Bottom Packer Depth 4451 Wt. Pipe Run 0 WL 6.8
 Total Depth 4530 Chlorides 1800 ppm System LCM 9
 Blow Description IF: Built to 1/2" Blow
IS: No Return Blow
FF: No Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>M</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	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 128 Gravity 1 API RW 1225 @ 1 °F Chlorides 1 ppm
 (A) Initial Hydrostatic 2262 Test 1225 T-On Location 05:00
 (B) First Initial Flow 15 Jars 06:00
 (C) First Final Flow 18 Safety Joint 07:55
 (D) Initial Shut-In 35 Circ Sub NC T-Pulled 10:10
 (E) Second Initial Flow 19 Hourly Standby 12:09 T-Out
 (F) Second Final Flow 21 Mileage 25 = \$35.00 Comments
 (G) Final Shut-In 33 Sampler
 (H) Final Hydrostatic 2098 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder
 Day Standby
 Accessibility 150.00 Sub Total 1410.00
 Sub Total 1410.00 MP/DST Disc't

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

Approved By [Signature] Our Representative Mike Roberts

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