

DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources**

410 17th St.
Suite 900
Denver, CO 80202

ATTN: Gary Doke

Burnett #5-15

15-20-27w Lane,KS

Start Date: 2012.02.14 @ 20:13:00

End Date: 2012.02.15 @ 03:16:00

Job Ticket #: 45394 DST #: 1

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

Printed: 2012.02.22 @ 10:13:21



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FIML Natural Resources

15-20-27w Lane, KS

410 17th St.
Suite 900
Denver, CO 80202
ATTN: Gary Duke

Burnett #5-15

Job Ticket: 45394

DST#: 1

Test Start: 2012.02.14 @ 20:13:00

GENERAL INFORMATION:

Formation: **Marmaton A, B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:42:40

Time Test Ended: 03:16:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 37

Interval: 4315.00 ft (KB) To 4360.00 ft (KB) (TVD)

Reference Elevations: 2972.00 ft (KB)

Total Depth: 4360.00 ft (KB) (TVD)

2960.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8018 Inside

Press @ Run Depth: 30.26 psig @ 4319.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.14

End Date:

2012.02.15

Last Calib.: 2012.02.15

Start Time: 20:13:02

End Time:

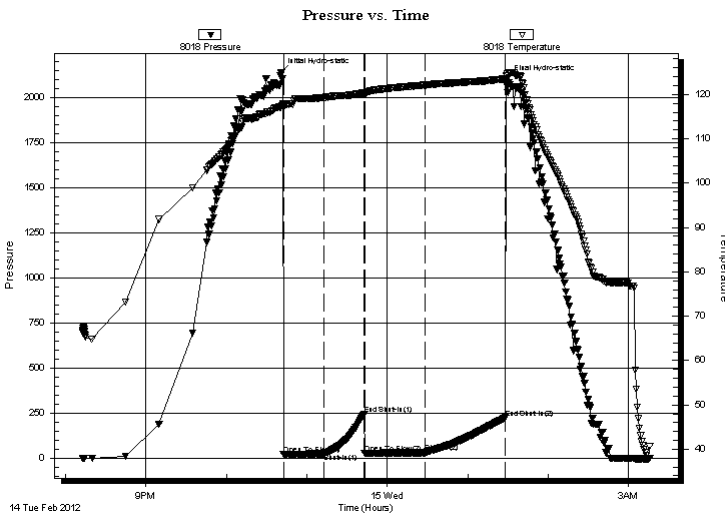
03:16:00

Time On Btm: 2012.02.14 @ 22:41:00

Time Off Btm: 2012.02.15 @ 01:29:00

TEST COMMENT: Weak surface blow .
No return.
Weak surface blow .
No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2138.94	117.27	Initial Hydro-static
2	19.80	117.17	Open To Flow (1)
32	24.82	119.27	Shut-In(1)
62	244.72	120.33	End Shut-In(1)
63	26.47	120.20	Open To Flow (2)
108	30.26	122.11	Shut-In(2)
167	223.94	123.50	End Shut-In(2)
168	2098.14	124.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	OSM 100m	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources

15-20-27w Lane, KS

410 17th St.
Suite 900
Denver, CO 80202
ATTN: Gary Doke

Burnett #5-15

Job Ticket: 45394

DST#: 1

Test Start: 2012.02.14 @ 20:13:00

Tool Information

Drill Pipe:	Length: 4127.00 ft	Diameter: 3.80 inches	Volume: 57.89 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 58.78 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 71000.00 lb
Depth to Top Packer:	4315.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	65.00 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			4296.00	
Shut In Tool	5.00			4301.00	
Hydraulic tool	5.00			4306.00	
Packer	5.00			4311.00	20.00 Bottom Of Top Packer
Packer	4.00			4315.00	
Stubb	1.00			4316.00	
Perforations	3.00			4319.00	
Recorder	0.00	8018	Inside	4319.00	
Recorder	0.00	6751	Outside	4319.00	
Perforations	5.00			4324.00	
Change Over Sub	1.00			4325.00	
Drill Pipe	31.00			4356.00	
Change Over Sub	1.00			4357.00	
Bullnose	3.00			4360.00	45.00 Bottom Packers & Anchor

Total Tool Length: 65.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources

15-20-27w Lane,KS

410 17th St.
Suite 900
Denver, CO 80202
ATTN: Gary Doke

Burnett #5-15

Job Ticket: 45394

DST#: 1

Test Start: 2012.02.14 @ 20:13:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 5.58 in³

Resistivity: 0.00 ohm.m

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	OSM 100m	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

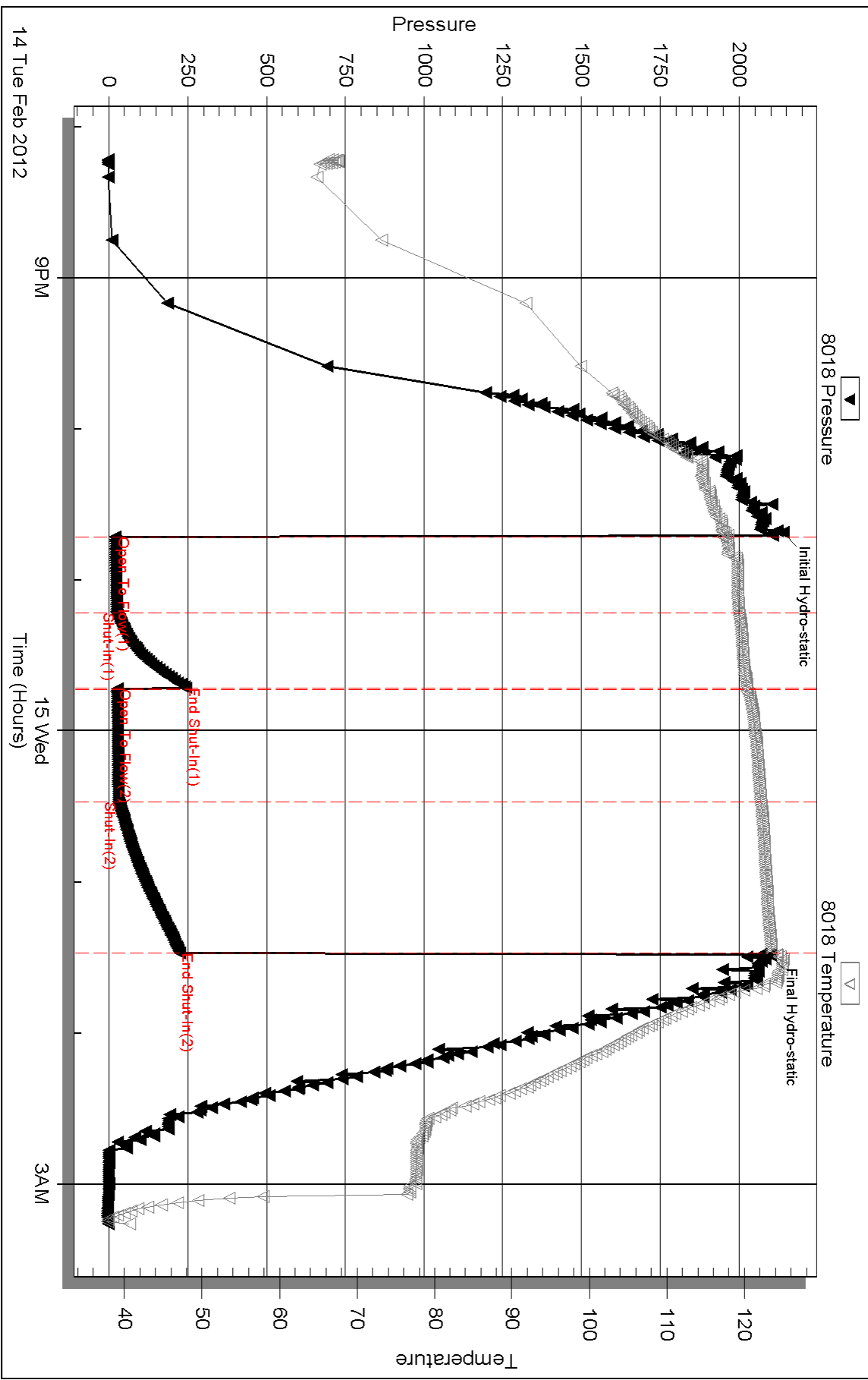
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

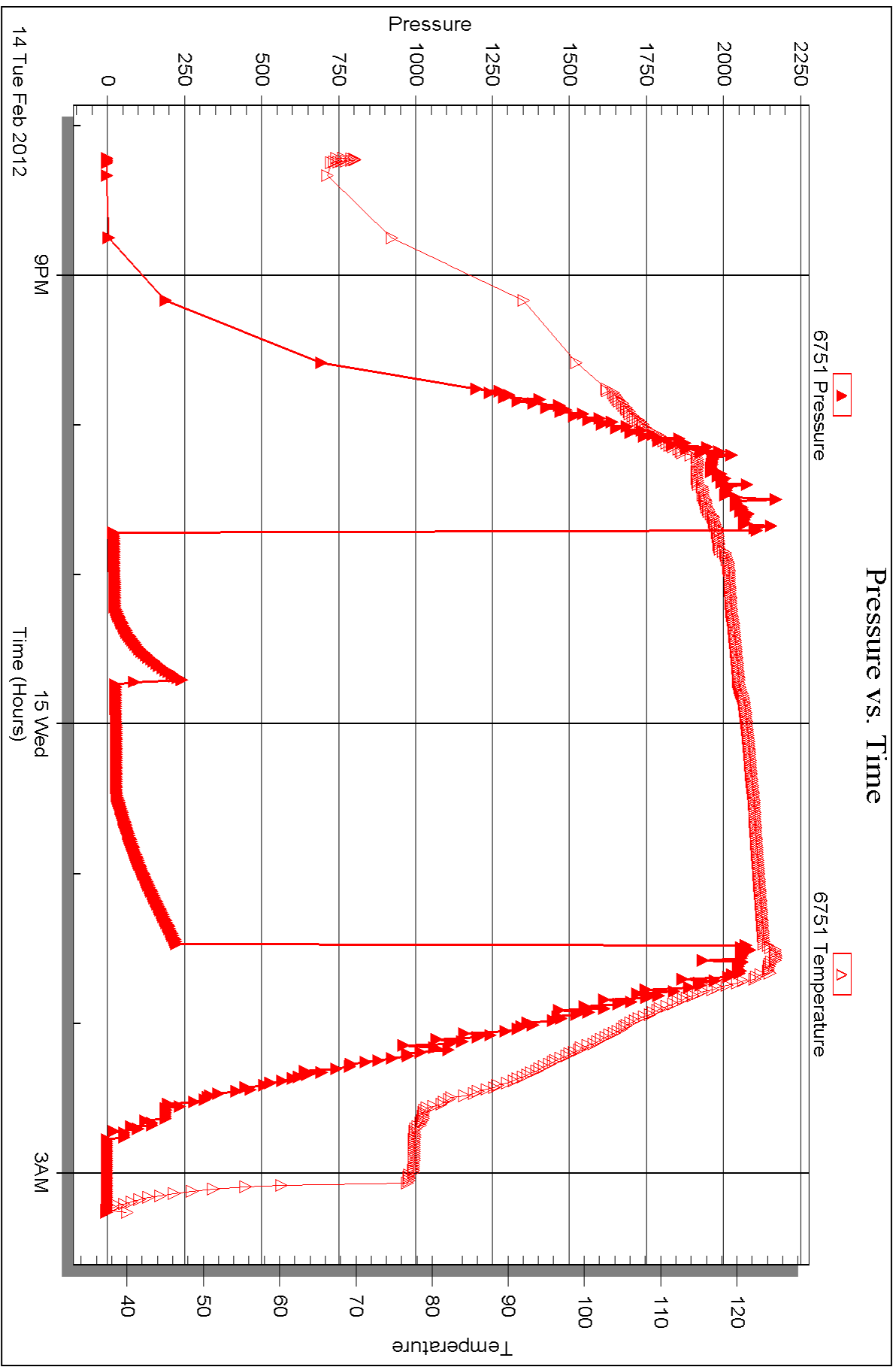


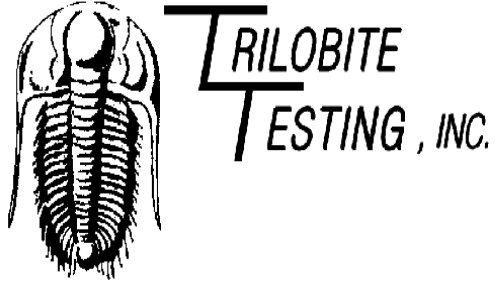
Serial #: 6751

Outside FIML Natural Resources

Burnett #5-15

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources**

410 17th St.
Suite 900
Denver, CO 80202

ATTN: Gary Doke

Burnett #5-15

15-20-27w Lane,KS

Start Date: 2012.02.15 @ 22:28:00

End Date: 2012.02.16 @ 04:41:20

Job Ticket #: 45395 DST #: 2

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

Printed: 2012.02.22 @ 10:12:16



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FIML Natural Resources

15-20-27w Lane, KS

410 17th St.
Suite 900
Denver, CO 80202
ATTN: Gary Duke

Burnett #5-15

Job Ticket: 45395

DST#: 2

Test Start: 2012.02.15 @ 22:28:00

GENERAL INFORMATION:

Formation: **Osage**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:26:30

Time Test Ended: 04:41:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 37

Interval: 4474.00 ft (KB) To 4531.00 ft (KB) (TVD)

Reference Elevations: 2972.00 ft (KB)

Total Depth: 4531.00 ft (KB) (TVD)

2960.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 8018 Inside

Press @ Run Depth: 31.24 psig @ 4480.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.15

End Date: 2012.02.16

Last Calib.: 2012.02.16

Start Time: 22:28:02

End Time: 04:41:19

Time On Btm: 2012.02.16 @ 00:25:10

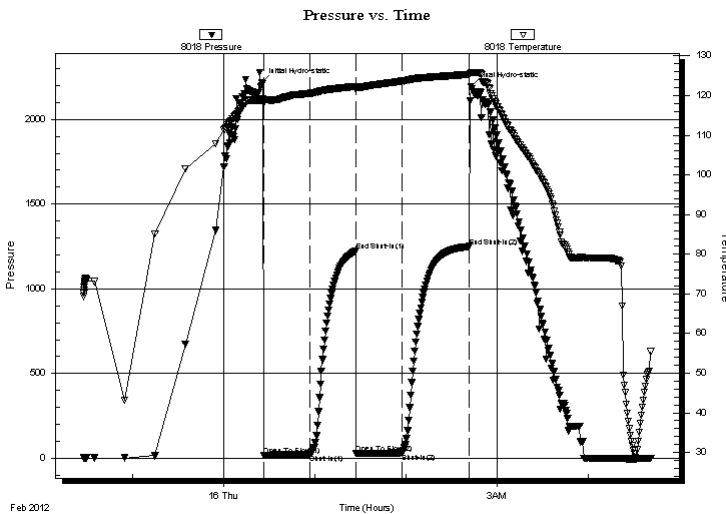
Time Off Btm: 2012.02.16 @ 02:43:10

TEST COMMENT: Weak surface blow .

No return.

No blow .

No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2215.73	118.84	Initial Hydro-static
2	15.63	118.10	Open To Flow (1)
32	23.75	120.58	Shut-In(1)
62	1223.44	122.36	End Shut-In(1)
62	26.90	121.59	Open To Flow (2)
92	31.24	123.63	Shut-In(2)
137	1250.01	125.39	End Shut-In(2)
138	2195.39	125.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
18.00	OCM 5o 95m	0.09
2.00	FO 100o	0.01

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources

15-20-27w Lane, KS

410 17th St.
Suite 900
Denver, CO 80202
ATTN: Gary Doke

Burnett #5-15

Job Ticket: 45395

DST#: 2

Test Start: 2012.02.15 @ 22:28:00

Tool Information

Drill Pipe:	Length: 4094.00 ft	Diameter: 3.80 inches	Volume: 57.43 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 370.00 ft	Diameter: 2.25 inches	Volume: 1.82 bbl	Weight to Pull Loose: 77000.00 lb
			<u>Total Volume: 59.25 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4474.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	57.00 ft			
Tool Length:	77.00 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			4455.00	
Shut In Tool	5.00			4460.00	
Hydraulic tool	5.00			4465.00	
Packer	5.00			4470.00	20.00 Bottom Of Top Packer
Packer	4.00			4474.00	
Stubb	1.00			4475.00	
Perforations	5.00			4480.00	
Recorder	0.00	8018	Inside	4480.00	
Recorder	0.00	6751	Outside	4480.00	
Perforations	15.00			4495.00	
Change Over Sub	1.00			4496.00	
Drill Pipe	31.00			4527.00	
Change Over Sub	1.00			4528.00	
Bullnose	3.00			4531.00	57.00 Bottom Packers & Anchor

Total Tool Length: 77.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources

15-20-27w Lane,KS

410 17th St.
Suite 900
Denver, CO 80202
ATTN: Gary Doke

Burnett #5-15

Job Ticket: 45395

DST#: 2

Test Start: 2012.02.15 @ 22:28:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: 5.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
18.00	OCM 5o 95m	0.089
2.00	FO 100o	0.010

Total Length: 20.00 ft Total Volume: 0.099 bbf

Num Fluid Samples: 0

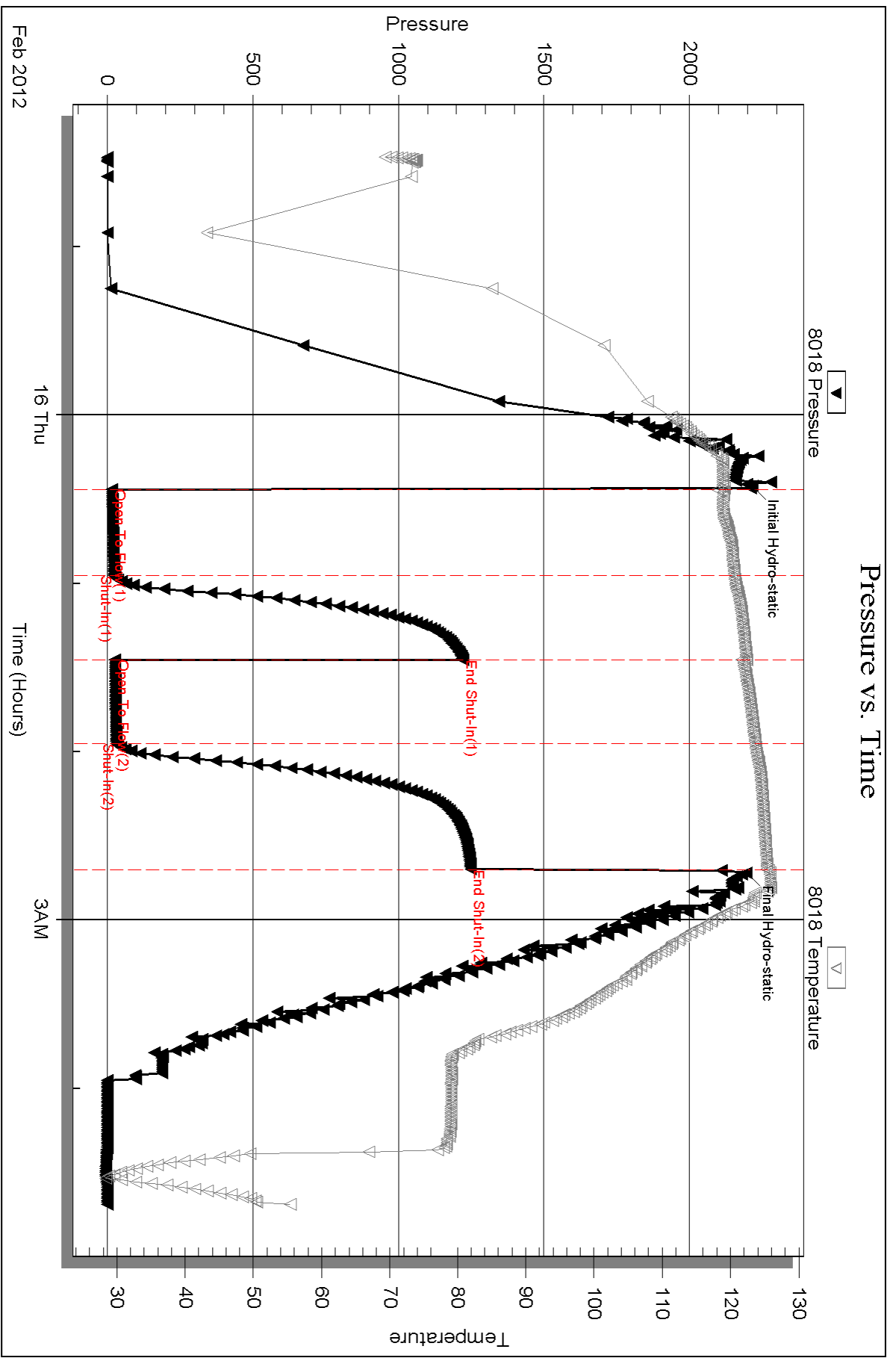
Num Gas Bombs: 0

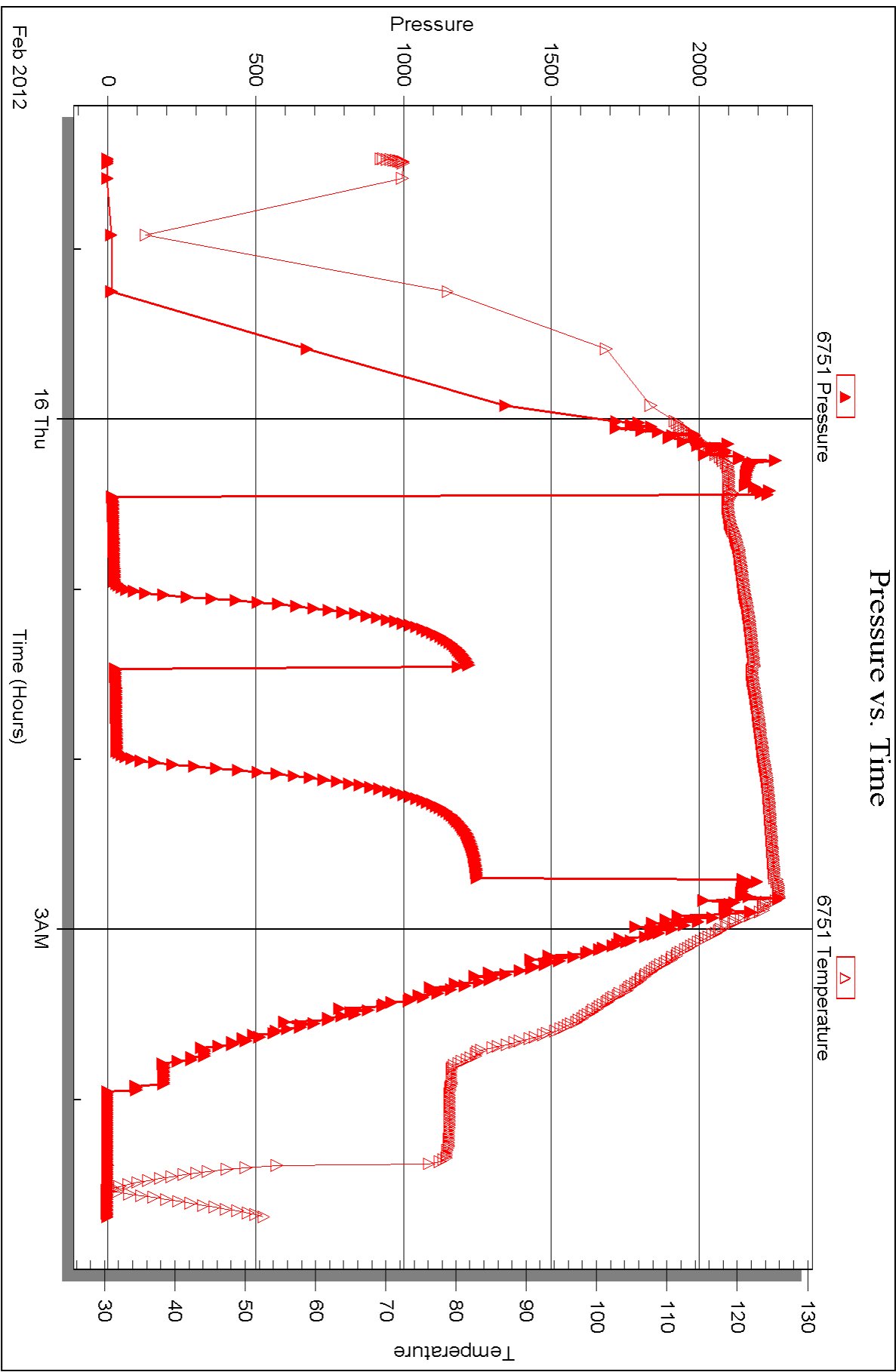
Serial #:

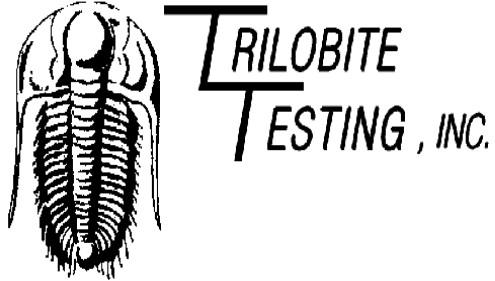
Laboratory Name:

Laboratory Location:

Recovery Comments: API: 28 @ 40 Degrees F = 30.







DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources**

410 17th St.
Suite 900
Denver, CO 80202

ATTN: Gary Doke

Burnett #5-15

15-20-27w Lane,KS

Start Date: 2012.02.16 @ 11:46:00

End Date: 2012.02.16 @ 20:23:49

Job Ticket #: 45396 DST #: 3

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

Printed: 2012.02.22 @ 10:10:33



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FIML Natural Resources

15-20-27w Lane, KS

410 17th St.
Suite 900
Denver, CO 80202
ATTN: Gary Duke

Burnett #5-15

Job Ticket: 45396

DST#: 3

Test Start: 2012.02.16 @ 11:46:00

GENERAL INFORMATION:

Formation: **Osage**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:35:40

Time Test Ended: 20:23:49

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 37

Interval: 4531.00 ft (KB) To 4553.00 ft (KB) (TVD)

Reference Elevations: 2972.00 ft (KB)

Total Depth: 4553.00 ft (KB) (TVD)

2960.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8018 Inside

Press @ Run Depth: 1293.07 psig @ 4535.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.16

End Date: 2012.02.16

Last Calib.: 2012.02.16

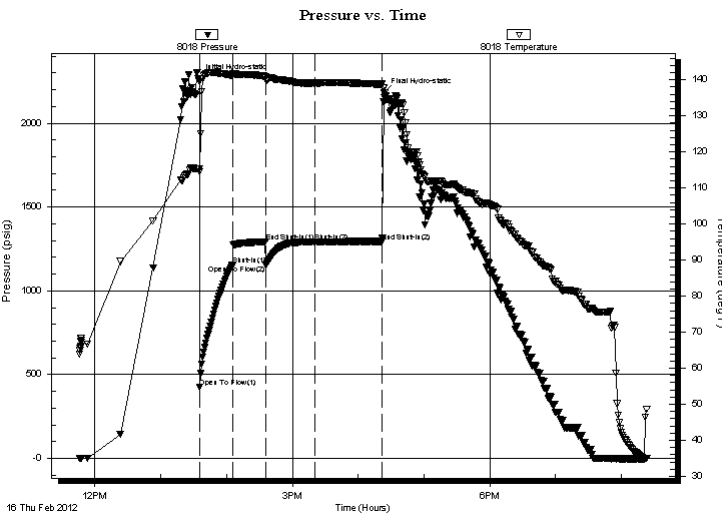
Start Time: 11:46:02

End Time: 20:23:49

Time On Btm: 2012.02.16 @ 13:34:10

Time Off Btm: 2012.02.16 @ 16:23:39

TEST COMMENT: B.O.B. @ 1 min.
1/2" Return.
B.O.B. @ 1 min.
Surface return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2265.39	115.27	Initial Hydro-static
2	423.84	114.48	Open To Flow (1)
32	1152.62	141.30	Shut-In(1)
62	1290.89	140.94	End Shut-In(1)
62	1151.89	140.61	Open To Flow (2)
107	1293.07	139.07	Shut-In(2)
168	1294.27	138.77	End Shut-In(2)
170	2182.23	137.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2000.00	GO 30g 70o	24.68
1360.00	GO 15g 85o	19.08
0.00	45 Feet weak GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources

15-20-27w Lane,KS

410 17th St.
Suite 900
Denver, CO 80202
ATTN: Gary Doke

Burnett #5-15

Job Ticket: 45396

DST#: 3

Test Start: 2012.02.16 @ 11:46:00

Tool Information

Drill Pipe:	Length: 4155.00 ft	Diameter: 3.80 inches	Volume: 58.28 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 370.00 ft	Diameter: 2.25 inches	Volume: 1.82 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 60.10 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial	72000.00 lb
Depth to Top Packer:	4531.00 ft			Final	81000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	22.00 ft				
Tool Length:	42.00 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			4512.00	
Shut In Tool	5.00			4517.00	
Hydraulic tool	5.00			4522.00	
Packer	5.00			4527.00	20.00 Bottom Of Top Packer
Packer	4.00			4531.00	
Stubb	1.00			4532.00	
Perforations	3.00			4535.00	
Recorder	0.00	8018	Inside	4535.00	
Recorder	0.00	6751	Outside	4535.00	
Perforations	15.00			4550.00	
Bullnose	3.00			4553.00	22.00 Bottom Packers & Anchor

Total Tool Length: 42.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources

15-20-27w Lane,KS

410 17th St.
Suite 900
Denver, CO 80202
ATTN: Gary Doke

Burnett #5-15

Job Ticket: 45396

DST#: 3

Test Start: 2012.02.16 @ 11:46:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

27 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbf

Water Loss: 5.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
2000.00	GO 30g 70o	24.684
1360.00	GO 15g 85o	19.077
0.00	45 Feet weak GIP	0.000

Total Length: 3360.00 ft Total Volume: 43.761 bbf

Num Fluid Samples: 0

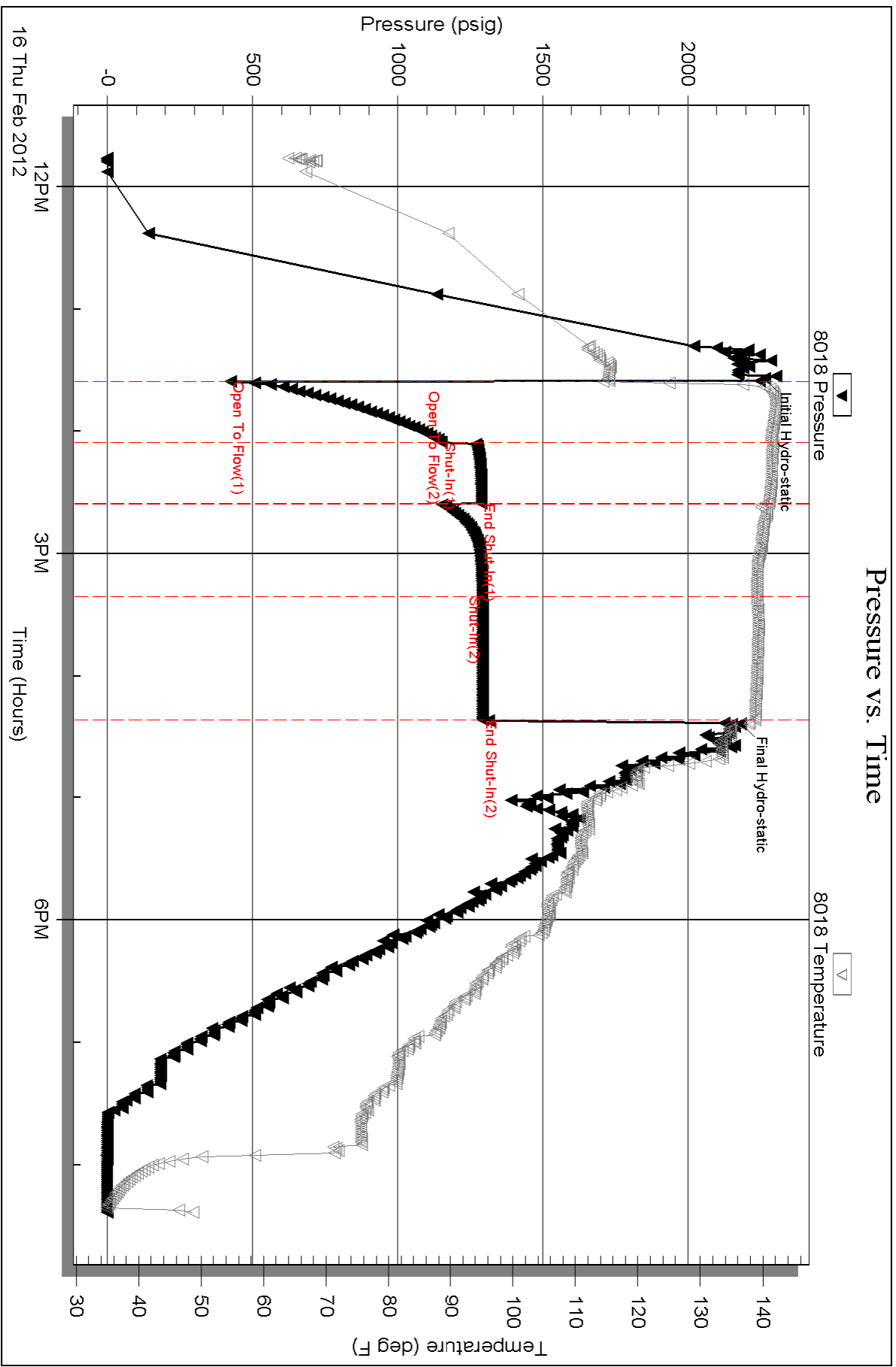
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 25 @ 40 Degrees F = 27

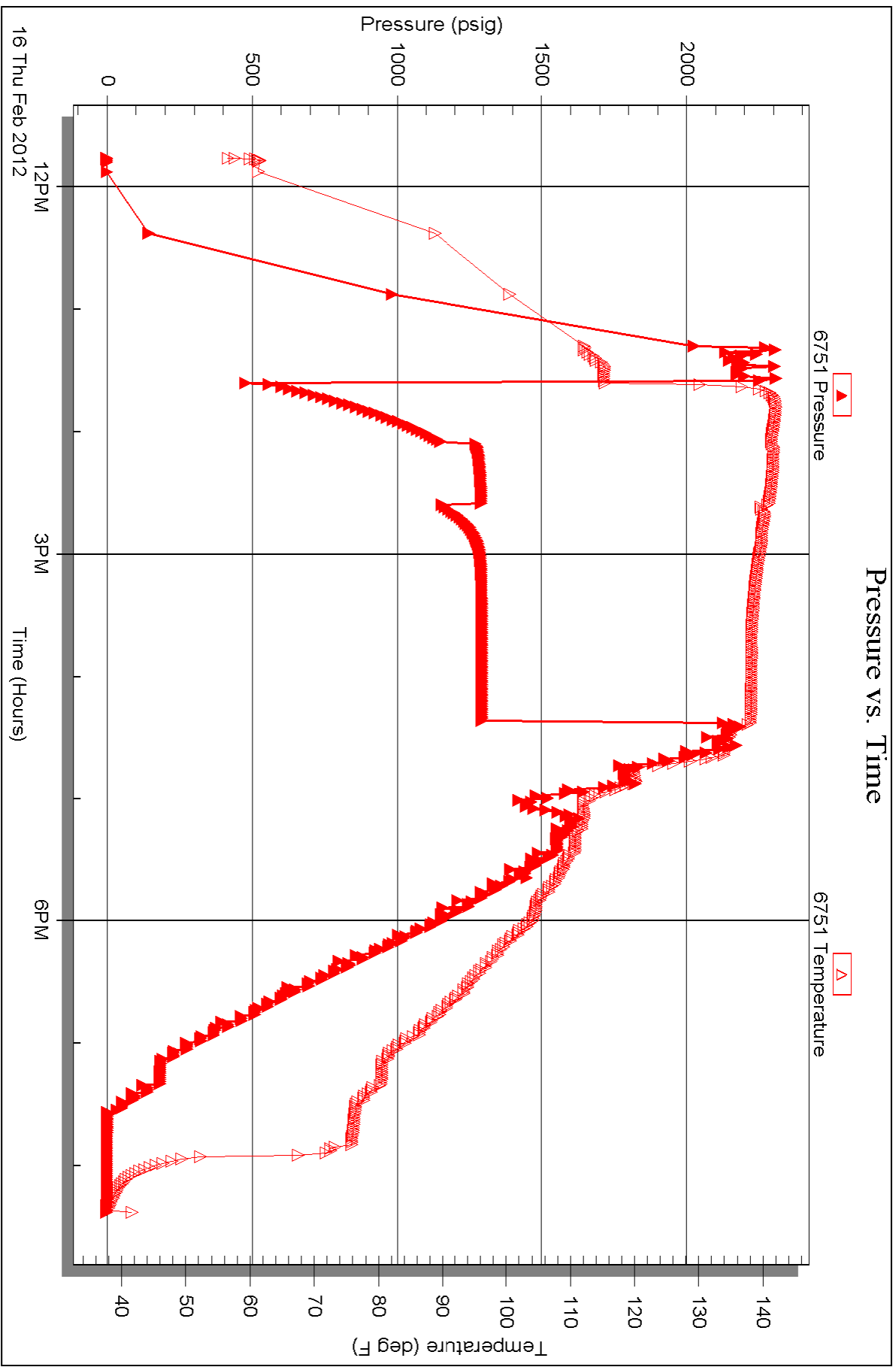


Serial #: 6751

Outside FIML Natural Resources

Burnett #5-15

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 21 2012

Test Ticket

NO. 45394

BY: _____

Well Name & No. Burnet 5-15 Test No. 1 Date 2-14-12
 Company FIML Natural Res. Elevation 2972 KB 2960 GL
 Address 410 17th St. Ste. 900 Denver, CO 80202
 Co. Rep / Geo. Gary Duke Rig H2 #1
 Location: Sec. 15 Twp. 204 Rge. 27W Co. Lane State KS

Interval Tested 4315-4360 Zone Tested Marmaton A-B
 Anchor Length 45 Drill Pipe Run 4127 Mud Wt. 9.1
 Top Packer Depth 4311 Drill Collars Run 370 Vis 52
 Bottom Packer Depth 4315 Wt. Pipe Run - WL 5.6
 Total Depth 4360 Chlorides 2400 ppm System LCM 3
 Blow Description Weak surface blow.
No return.
Weak surface blow.
No return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>15</u>	Feet of <u>OSM</u>			%water <u>100</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 15 BHT 124 Gravity - API RW @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2139</u>	<input checked="" type="checkbox"/> Test <u>1225</u>	T-On Location <u>19:45</u>
(B) First Initial Flow <u>20</u>	<input type="checkbox"/> Jars	T-Started <u>20:13</u>
(C) First Final Flow <u>25</u>	<input type="checkbox"/> Safety Joint	T-Open <u>22:43</u>
(D) Initial Shut-In <u>245</u>	<input checked="" type="checkbox"/> Circ Sub	T-Pulled <u>1:28</u>
(E) Second Initial Flow <u>26</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>3:16</u>
(F) Second Final Flow <u>30</u>	<input checked="" type="checkbox"/> Mileage <u>91 RT 127.40</u>	Comments
(G) Final Shut-In <u>224</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2098</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>1500</u>
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1502.40</u>
Final Shut-In <u>60</u>	<input checked="" type="checkbox"/> Accessibility <u>150</u>	MP/DST Disc't
	Sub Total <u>1352.40</u>	

Approved By [Signature] Our Representative Chuck Smith

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.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 21 2012

Test Ticket

No. 45395

4/10

BY: _____

Well Name & No. Burnett 5-15 Test No. 2 Date 2-15-12
 Company FIMH Natural Res. Elevation 2972 KB 2960 GL
 Address 410 17th St. Ste. 900 Denver, CO 80202
 Co. Rep / Geo. Gary Duke Rig H2#1
 Location: Sec. 15 Twp. 20S Rge. 27W Co. Lane State KS

Interval Tested 4474-4531 Zone Tested Osage
 Anchor Length 57 Drill Pipe Run 4151 Mud Wt. 9.3
 Top Packer Depth 4470 Drill Collars Run 370 Vis 50
 Bottom Packer Depth 4474 Wt. Pipe Run - WL 5.6
 Total Depth 4531 Chlorides 2700 ppm System LCM 4
 Blow Description Weak surface blow.
No return.
No blow.
No return.

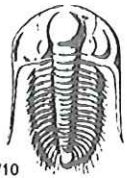
Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>FO</u>		<u>100</u>		
<u>18</u>	<u>OCM</u>		<u>5</u>		<u>95</u>

Rec Total 20 BHT 125 Gravity 30 API RW @ _____ °F Chlorides - ppm

(A) Initial Hydrostatic 2216 Test 1225 T-On Location 21:45
 (B) First Initial Flow 16 Jars _____ T-Started 22:28
 (C) First Final Flow 24 Safety Joint _____ T-Open 00:27
 (D) Initial Shut-In 1223 Circ Sub N/C T-Pulled 2:42
 (E) Second Initial Flow 27 Hourly Standby _____ T-Out 4:41
 (F) Second Final Flow 31 Mileage 91 RT 127.40 Comments _____
 (G) Final Shut-In 1250 Sampler _____
 (H) Final Hydrostatic 2195 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 30 Extra Recorder _____ Sub Total 150
 Final Flow 30 Day Standby _____ Total 1502.40
 Final Shut-In 45 Accessibility 150 MP/DST Disc't _____
 Sub Total 1352.40

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.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 21 2012

Test Ticket

NO. 45396

4/10

BY: _____

Well Name & No. Burnett 5-15 Test No. 3 Date 2-16-12

Company FIML Natural Res. Elevation 2972 KB 2960 GL _____

Address 410 17th St. Ste. 900 Denver, CO 80202

Co. Rep / Geo. Gary Doke Rig H2nd

Location: Sec. 15 Twp. 20s Rge. 27w Co. Lane State K5

Interval Tested 4531-4553 Zone Tested Osage

Anchor Length 22 Drill Pipe Run 4155 Mud Wt. 93

Top Packer Depth 4527 Drill Collars Run 370 Vis 56

Bottom Packer Depth 4531 Wt. Pipe Run - WL 5.6

Total Depth 4553 Chlorides 3000 ppm System LCM 3

Blow Description B.O.B. @ 1 min.

1/2" Return.

B.O.B. @ 1 min.

Surface return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>1360</u>	Feet of <u>60</u>	<u>15%</u> gas	<u>85%</u> oil	%water	%mud
Rec <u>2000</u>	Feet of <u>60</u>	<u>30%</u> gas	<u>70%</u> oil	%water	%mud
Rec _____	Feet of <u>4.5 feet weak G-IP</u>	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec Total <u>3360</u>	BHT <u>139</u>	Gravity <u>27</u>	API RW _____	@ _____ °F	Chlorides <u>-</u> ppm

(A) Initial Hydrostatic 2265 Test 1225 T-On Location 11:45

(B) First Initial Flow 424 Jars _____ T-Started 11:46

(C) First Final Flow 1153 Safety Joint _____ T-Open 13:36

(D) Initial Shut-In 1291 Circ Sub 50 T-Pulled 16:22

(E) Second Initial Flow 1152 Hourly Standby _____ T-Out 20:24

(F) Second Final Flow 1293 Mileage 9/RT 12740 Comments _____

(G) Final Shut-In 1294 Sampler _____

(H) Final Hydrostatic 2182 Straddle _____ Ruined Shale Packer _____

Shale Packer _____ Ruined Packer _____

Extra Packer _____ Extra Copies _____

Initial Open 30 Extra Recorder _____ Sub Total 150

Initial Shut-In 30 Day Standby _____ Total 1552.40

Final Flow 45 Accessibility 150 MP/DST Disc't _____

Final Shut-In 160 Sub Total 1402.40

Approved By [Signature] Our Representative Chuck Smith

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