



## DRILL STEM TEST REPORT

Prepared For: **Herman L Loeb LLC**

PO Box 838  
Lawrenceville IL 62439

ATTN: George Payne/ Tom Pr

**Dora Taylor #3-22**

**22-34s-26w Meade,KS**

Start Date: 2013.07.22 @ 05:15:26

End Date: 2013.07.22 @ 16:09:43

Job Ticket #: 47517                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.07.29 @ 11:23:44



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Herman L Loeb LLC  
PO Box 838  
Lawrenceville IL 62439  
ATTN: George Payne/ Tom Pr

**22-34s-26w Meade, KS**  
**Dora Taylor #3-22**  
Job Ticket: 47517      **DST#: 1**  
Test Start: 2013.07.22 @ 05:15:26

## GENERAL INFORMATION:

Formation: **Marmaton**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 10:34:26  
Time Test Ended: 16:09:43  
Interval: **5443.00 ft (KB) To 5485.00 ft (KB) (TVD)**  
Total Depth: 5485.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Chris Staats  
Unit No: #47  
Reference Elevations: 2368.00 ft (KB)  
2357.00 ft (CF)  
KB to GR/CF: 11.00 ft

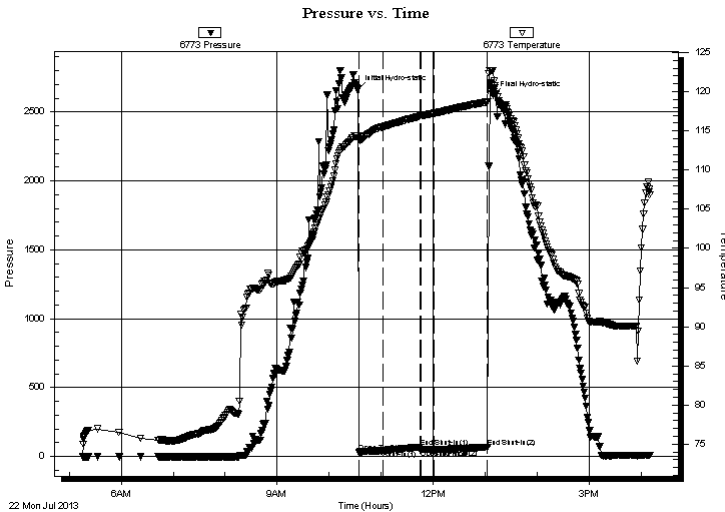
## Serial #: 6773

Inside

Press @ Run Depth: 51.71 psig @ 5444.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2013.07.22 End Date: 2013.07.22 Last Calib.: 2013.07.22  
Start Time: 05:15:31 End Time: 16:09:44 Time On Btm: 2013.07.22 @ 10:32:26  
Time Off Btm: 2013.07.22 @ 13:08:56

TEST COMMENT: IF: Weak blow 1/2"  
IS: No blow back  
FF: No blow  
FS: No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2665.69	114.40	Initial Hydro-static
2	31.62	113.83	Open To Flow (1)
29	42.94	115.52	Shut-In(1)
72	68.77	116.86	End Shut-In(1)
74	50.71	116.96	Open To Flow (2)
88	51.71	117.24	Shut-In(2)
150	68.80	118.70	End Shut-In(2)
157	2621.56	122.66	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100%	0.07

## Gas Rates

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



**TRILOBITE TESTING, INC**

**DRILL STEM TEST REPORT**

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PO Box 838  
Lawrenceville IL 62439

ATTN: George Payne/ Tom Pr

**22-34s-26w Meade, KS**

**Dora Taylor #3-22**

Job Ticket: 47517

**DST#: 1**

Test Start: 2013.07.22 @ 05:15:26

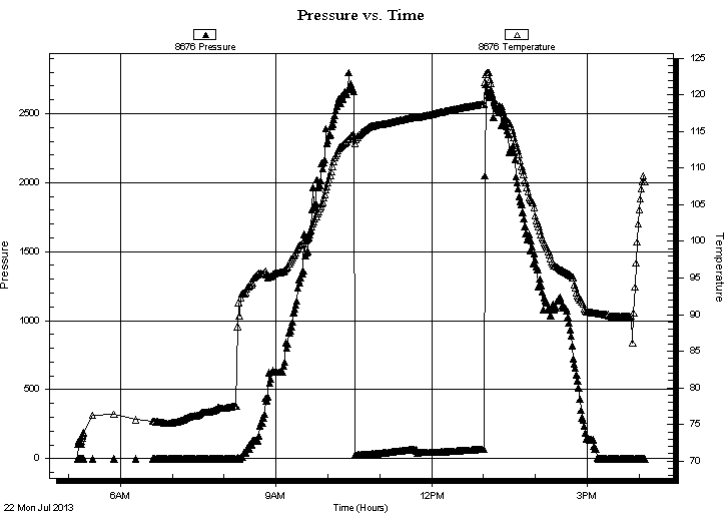
**GENERAL INFORMATION:**

Formation: **Marmaton**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 10:34:26  
 Time Test Ended: 16:09:43  
**Interval: 5443.00 ft (KB) To 5485.00 ft (KB) (TVD)**  
 Total Depth: 5485.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Chris Staats  
 Unit No: #47  
 Reference Elevations: 2368.00 ft (KB)  
 2357.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 8676 Outside**

Press @ Run Depth: psig @ 5444.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.07.22 End Date: 2013.07.22 Last Calib.: 2013.07.22  
 Start Time: 05:10:26 End Time: 16:06:51 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** IF: Weak blow 1/2"  
 IS: No blow back  
 FF: No blow  
 FS: No blow back



**PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)
15.00	Mud 100%	0.07

**Gas Rates**

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Herman L Loeb LLC

**22-34s-26w Meade, KS**

PO Box 838  
Lawrenceville IL 62439

**Dora Taylor #3-22**

Job Ticket: 47517

**DST#: 1**

ATTN: George Payne/ Tom Pr

Test Start: 2013.07.22 @ 05:15:26

## Tool Information

Drill Pipe:	Length: 5195.00 ft	Diameter: 3.80 inches	Volume: 72.87 bbl	Tool Weight: 2200.00 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: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 74.09 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	5443.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	71.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

**Length (ft) Serial No. Position Depth (ft) Accum. Lengths**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5415.00	
Shut In Tool	5.00			5420.00	
Hydraulic tool	5.00			5425.00	
Jars	5.00			5430.00	
Safety Joint	3.00			5433.00	
Packer	5.00			5438.00	29.00 Bottom Of Top Packer
Packer	5.00			5443.00	
Stubb	1.00			5444.00	
Recorder	0.00	8676	Outside	5444.00	
Recorder	0.00	6773	Inside	5444.00	
Change Over Sub	0.50			5444.50	
Drill Pipe	31.00			5475.50	
Change Over Sub	0.50			5476.00	
Perforations	6.00			5482.00	
Bullnose	3.00			5485.00	42.00 Bottom Packers & Anchor

**Total Tool Length: 71.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Herman L Loeb LLC

**22-34s-26w Meade, KS**

PO Box 838  
Lawrenceville IL 62439

**Dora Taylor #3-22**

Job Ticket: 47517

**DST#: 1**

ATTN: George Payne/ Tom Pr

Test Start: 2013.07.22 @ 05:15:26

## 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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.56 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
15.00	Mud 100%	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:

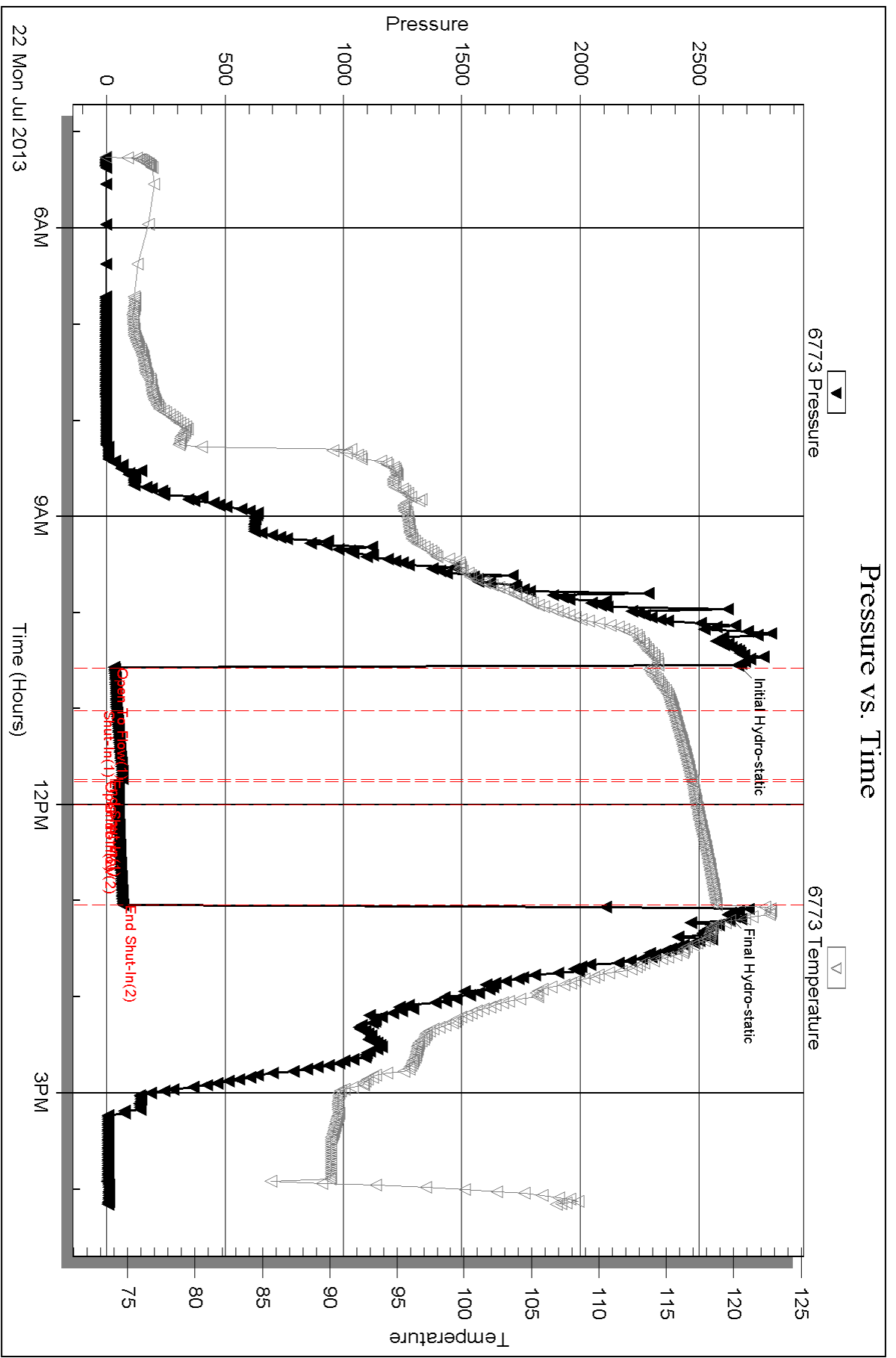
Serial #: 6773

Inside

Herrman L Loeb LLC

Dora Taylor #3-22

DST Test Number: 1

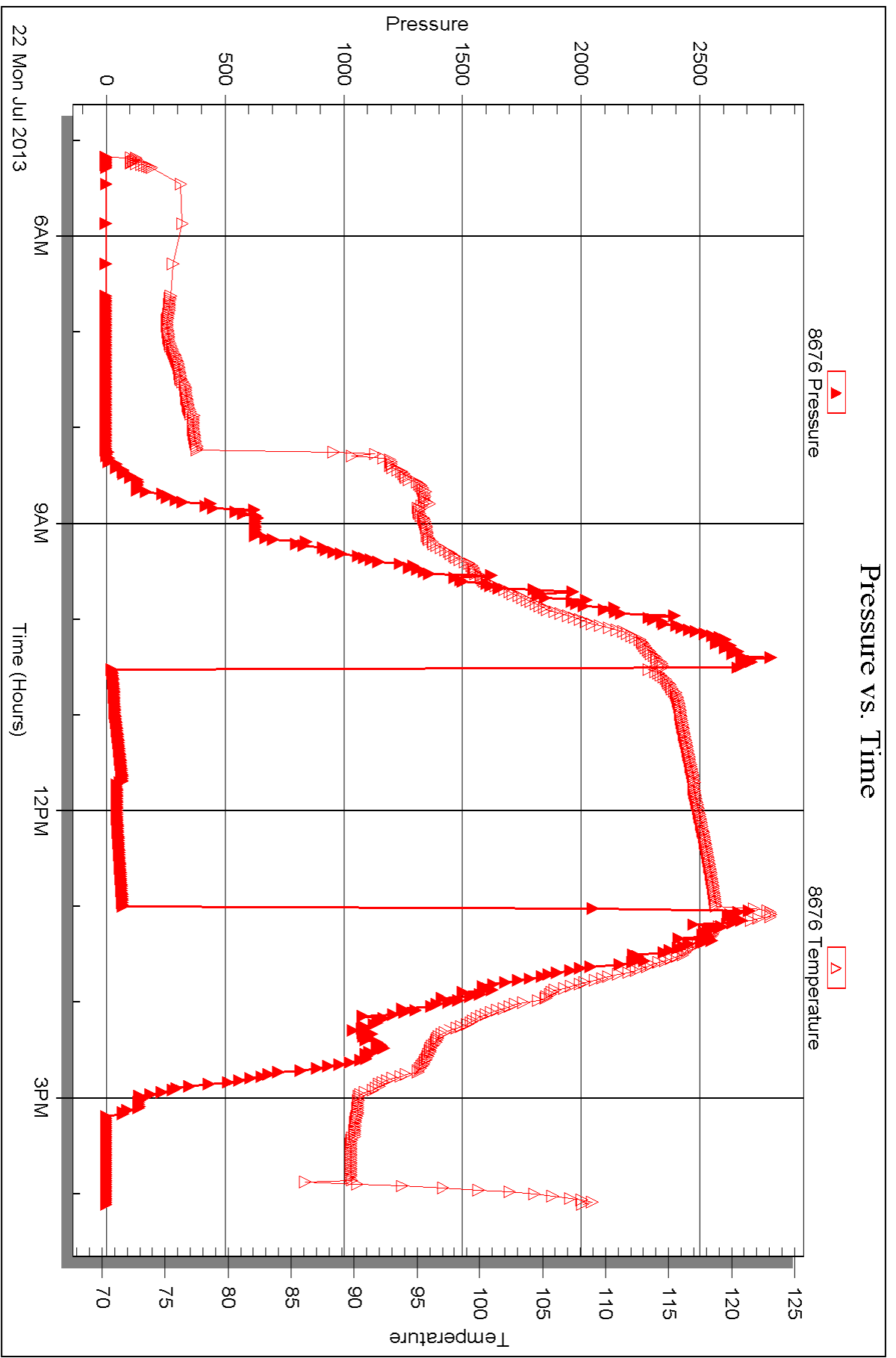


Serial #: 8676

Outside Herran L Loeb LLC

Dora Taylor #3-22

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Herman L Loeb LLC**

PO Box 838  
Lawrenceville IL 62439

ATTN: George Payne/ Tom Pr

**Dora Taylor #3-22**

**22-34s-26w Meade,KS**

Start Date: 2013.07.24 @ 05:32:27

End Date: 2013.07.24 @ 16:44:27

Job Ticket #: 47518                      DST #: 2

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

Printed: 2013.07.29 @ 11:23:10





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Herman L Loeb LLC  
 PO Box 838  
 Lawrenceville IL 62439  
 ATTN: George Payne/ Tom Pr

**22-34s-26w Meade, KS**  
**Dora Taylor #3-22**  
 Job Ticket: 47518 **DST#: 2**  
 Test Start: 2013.07.24 @ 05:32:27

## GENERAL INFORMATION:

Formation: **Morrow**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 10:43:42  
 Time Test Ended: 16:44:27  
 Interval: **5914.00 ft (KB) To 6005.00 ft (KB) (TVD)**  
 Total Depth: 6005.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Chris Staats  
 Unit No: #47  
 Reference Elevations: 2368.00 ft (KB)  
 2357.00 ft (CF)  
 KB to GR/CF: 11.00 ft

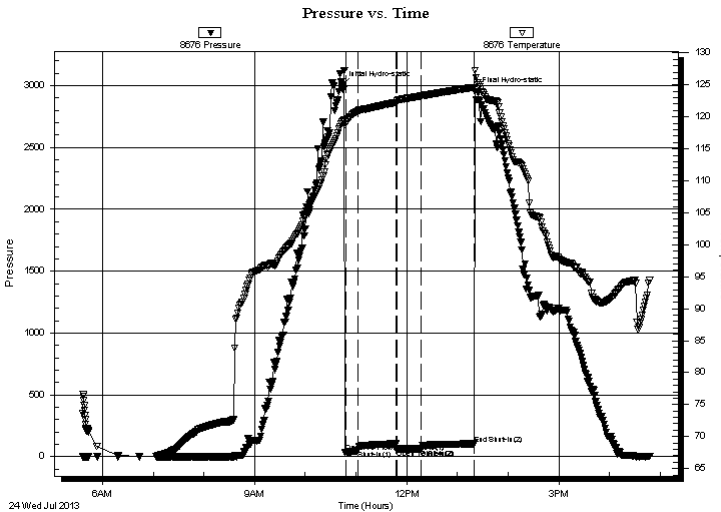
## Serial #: 8676

**Outside**

Press @ Run Depth: 62.74 psig @ 5915.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.07.24 End Date: 2013.07.24 Last Calib.: 2013.07.24  
 Start Time: 05:36:32 End Time: 16:48:27 Time On Btm: 2013.07.24 @ 10:43:27  
 Time Off Btm: 2013.07.24 @ 13:21:12

TEST COMMENT: IF: Weak blow 1 1/4"  
 IS: No blow back  
 FF: No blow  
 FS: No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3004.06	119.19	Initial Hydro-static
5	34.02	118.89	Open To Flow (1)
19	51.16	120.99	Shut-In(1)
65	105.18	122.29	End Shut-In(1)
65	58.09	122.55	Open To Flow (2)
94	62.74	123.28	Shut-In(2)
157	104.30	124.63	End Shut-In(2)
158	2953.90	127.27	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	MUD	0.32

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Herman L Loeb LLC

**22-34s-26w Meade,KS**

PO Box 838  
Lawrenceville IL 62439

**Dora Taylor #3-22**

Job Ticket: 47518

**DST#: 2**

ATTN: George Payne/ Tom Pr

Test Start: 2013.07.24 @ 05:32:27

## Tool Information

Drill Pipe:	Length: 5641.00 ft	Diameter: 3.80 inches	Volume: 79.13 bbl	Tool Weight:	2200.00 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: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 80.35 bbl</u>	Tool Chased	2.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	75000.00 lb
Depth to Top Packer:	5914.00 ft			Final	75000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	91.00 ft				
Tool Length:	120.00 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			5886.00	
Shut In Tool	5.00			5891.00	
Hydraulic tool	5.00			5896.00	
Jars	5.00			5901.00	
Safety Joint	3.00			5904.00	
Packer	5.00			5909.00	29.00 Bottom Of Top Packer
Packer	5.00			5914.00	
Stubb	1.00			5915.00	
Recorder	0.00	8676	Outside	5915.00	
Recorder	0.00	6773	Inside	5915.00	
Change Over Sub	0.50			5915.50	
Drill Pipe	63.00			5978.50	
Change Over Sub	0.50			5979.00	
Perforations	23.00			6002.00	
Bullnose	3.00			6005.00	91.00 Bottom Packers & Anchor

**Total Tool Length: 120.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Herman L Loeb LLC

**22-34s-26w Meade,KS**

PO Box 838  
Lawrenceville IL 62439

**Dora Taylor #3-22**

Job Ticket: 47518 **DST#: 2**

ATTN: George Payne/ Tom Pr

Test Start: 2013.07.24 @ 05:32:27

**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: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.37 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5300.00 ppm			
Filter Cake: 0.00 inches			

**Recovery Information**

Recovery Table

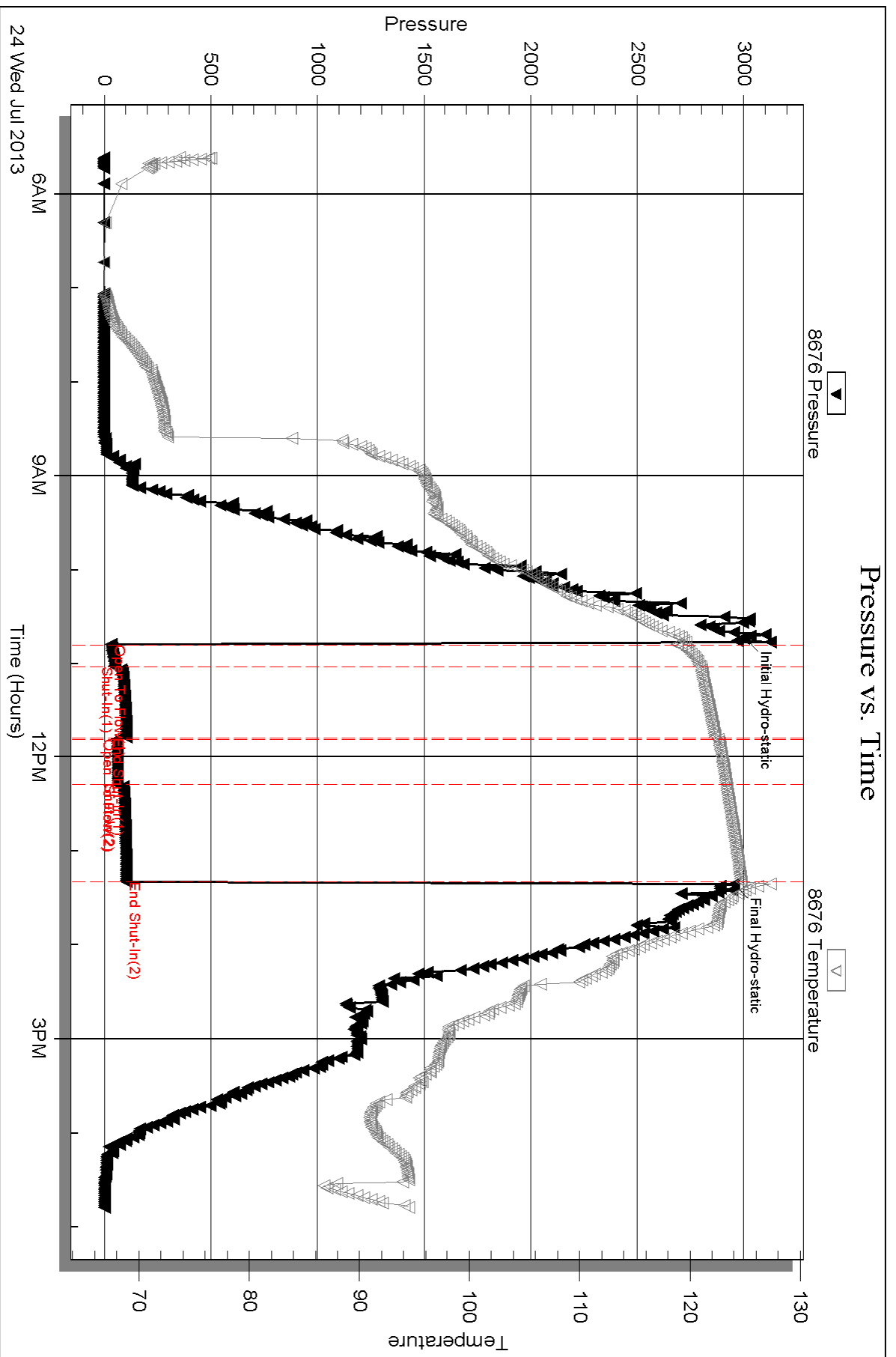
Length ft	Description	Volume bbl
65.00	MUD	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





## DRILL STEM TEST REPORT

Prepared For: **Herman L Loeb LLC**

PO Box 838  
Lawrenceville IL 62439

ATTN: George Payne/ Tom Pr

**Dora Taylor #3-22**

**22-34s-26w Meade,KS**

Start Date: 2013.07.25 @ 13:38:34

End Date: 2013.07.25 @ 23:05:19

Job Ticket #: 52287                      DST #: 3

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

Printed: 2013.07.29 @ 11:22:16

Herman L Loeb LLC  
22-34s-26w Meade,KS  
Dora Taylor #3-22  
DST # 3  
Chester  
2013.07.25



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Herman L Loeb LLC  
PO Box 838  
Lawrenceville IL 62439  
ATTN: George Payne/ Tom Pr

**22-34s-26w Meade, KS**  
**Dora Taylor #3-22**  
Job Ticket: 52287 **DST#: 3**  
Test Start: 2013.07.25 @ 13:38:34

## GENERAL INFORMATION:

Formation: **Chester**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 17:19:49  
Time Test Ended: 23:05:19  
Interval: **6025.00 ft (KB) To 6140.00 ft (KB) (TVD)**  
Total Depth: 6140.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Gary Pevoteaux  
Unit No: 56  
Reference Elevations: 2368.00 ft (KB)  
2357.00 ft (CF)  
KB to GR/CF: 11.00 ft

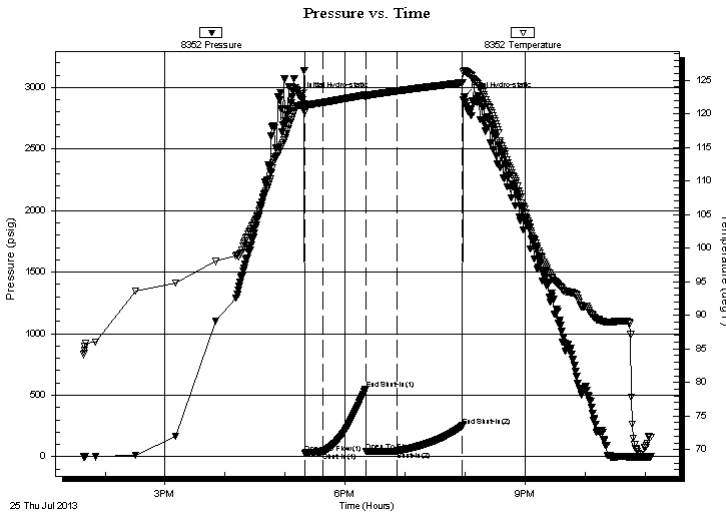
## Serial #: 8352

Inside

Press @ Run Depth: 46.06 psig @ 6026.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2013.07.25 End Date: 2013.07.25 Last Calib.: 2013.07.25  
Start Time: 13:38:39 End Time: 23:05:19 Time On Btm: 2013.07.25 @ 17:14:49  
Time Off Btm: 2013.07.25 @ 19:59:04

TEST COMMENT: IF:Weak blow . 1/2 - 3/4".  
IS:No blow .  
FF:Weak blow . 1/4 - 1/2".  
FS:No blow .

## PRESSURE SUMMARY



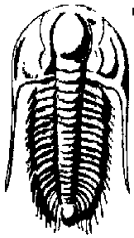
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2925.86	121.28	Initial Hydro-static
5	30.03	120.16	Open To Flow (1)
23	39.00	121.66	Shut-In(1)
66	549.04	122.83	End Shut-In(1)
66	44.80	122.46	Open To Flow (2)
97	46.06	123.41	Shut-In(2)
163	249.99	124.67	End Shut-In(2)
165	2925.54	126.49	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	Drig.mud (Faint odor)	0.15

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Herman L Loeb LLC

PO Box 838  
Lawrenceville IL 62439

ATTN: George Payne/ Tom Pr

**22-34s-26w Meade, KS**

**Dora Taylor #3-22**

Job Ticket: 52287

**DST#: 3**

Test Start: 2013.07.25 @ 13:38:34

### GENERAL INFORMATION:

Formation: **Chester**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:19:49

Time Test Ended: 23:05:19

**Interval: 6025.00 ft (KB) To 6140.00 ft (KB) (TVD)**

Total Depth: 6140.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

Reference Elevations: 2368.00 ft (KB)

2357.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 8370**

**Outside**

Press @ Run Depth: psig @ 6026.00 ft (KB)

Start Date: 2013.07.25

End Date:

2013.07.25

Start Time: 13:34:07

End Time:

23:01:47

Capacity: 8000.00 psig

Last Calib.:

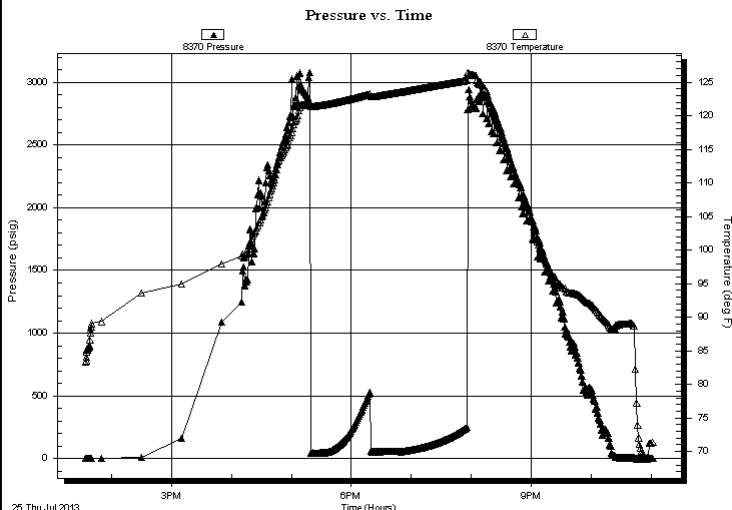
2013.07.25

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Weak blow . 1/2 - 3/4".  
IS: No blow .  
FF: Weak blow . 1/4 - 1/2".  
FS: No blow .

### PRESSURE SUMMARY



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

### Recovery

Length (ft)	Description	Volume (bbl)
30.00	Drig.mud (Faint odor)	0.15

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Herman L Loeb LLC

**22-34s-26w Meade,KS**

PO Box 838  
Lawrenceville IL 62439

**Dora Taylor #3-22**

Job Ticket: 52287

**DST#: 3**

ATTN: George Payne/ Tom Pr

Test Start: 2013.07.25 @ 13:38:34

## Tool Information

Drill Pipe:	Length: 5797.00 ft	Diameter: 3.80 inches	Volume: 81.32 bbl	Tool Weight:	2400.00 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: 215.00 ft	Diameter: 2.25 inches	Volume: 1.06 bbl	Weight to Pull Loose:	83000.00 lb
			<u>Total Volume: 82.38 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	76000.00 lb
Depth to Top Packer:	6025.00 ft			Final	76000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	115.00 ft				
Tool Length:	143.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

C.O. Sub	1.00			5998.00	
Shut in tool	5.00			6003.00	
HMV	5.00			6008.00	
Jars	5.00			6013.00	
Safety Joint	3.00			6016.00	
Packer	4.00			6020.00	28.00 Bottom Of Top Packer
Packer	5.00			6025.00	
Stubb	1.00			6026.00	
Recorder	0.00	8352	Inside	6026.00	
Recorder	0.00	8370	Outside	6026.00	
Perforations	8.00			6034.00	
Blank Spacing	96.00			6130.00	
Perforations	5.00			6135.00	
Bullnose	5.00			6140.00	115.00 Bottom Packers & Anchor

**Total Tool Length: 143.00**





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Herman L Loeb LLC

**22-34s-26w Meade,KS**

PO Box 838  
Lawrenceville IL 62439

**Dora Taylor #3-22**

Job Ticket: 52287

**DST#: 3**

ATTN: George Payne/ Tom Pr

Test Start: 2013.07.25 @ 13:38:34

**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:

4000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbbl
30.00	Drig.mud (Faint odor)	0.148

Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: LCM 8#/bbl

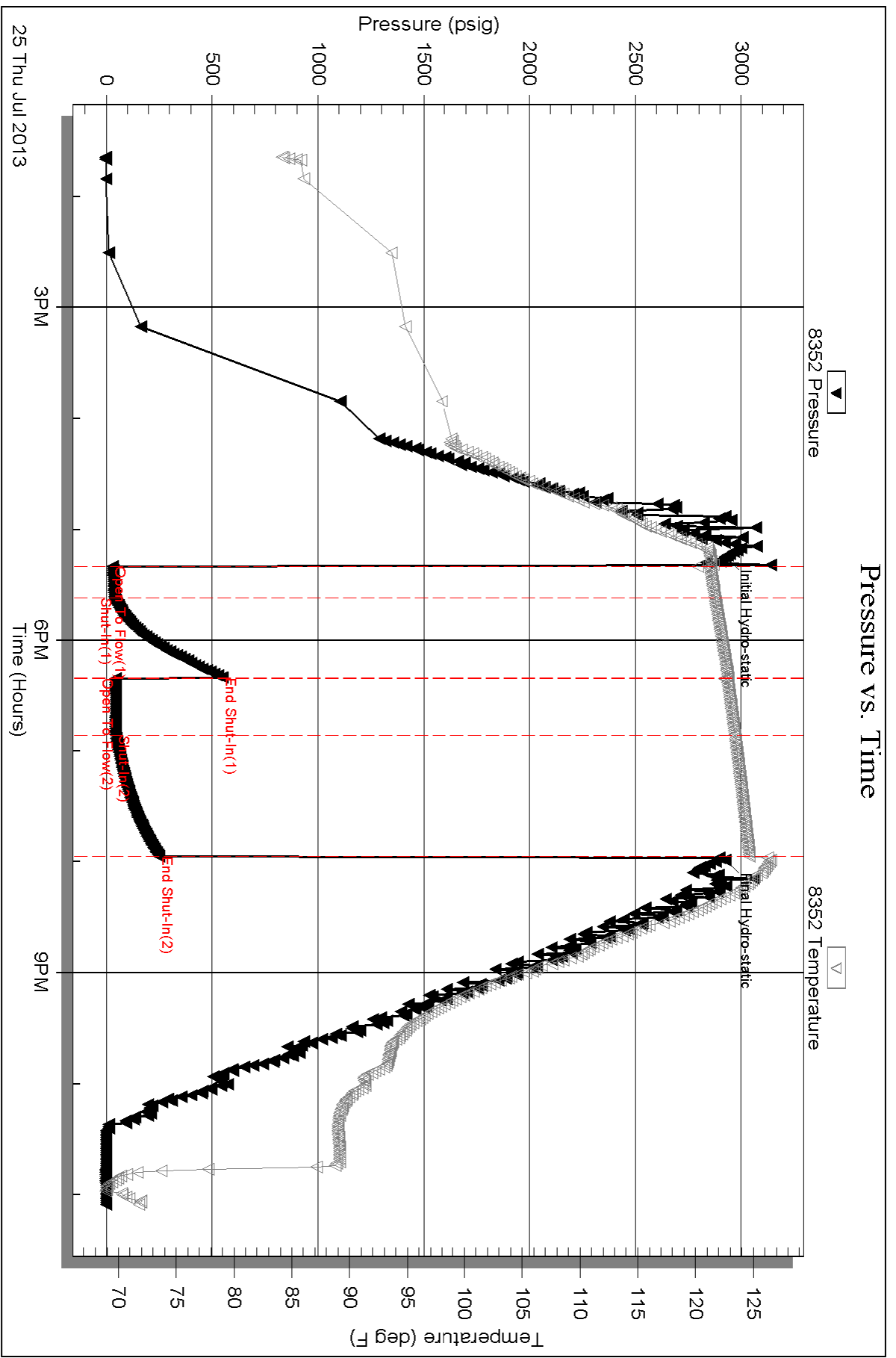
Serial #: 8352

Inside

Herrman L Loeb LLC

Dora Taylor #3-22

DST Test Number: 3

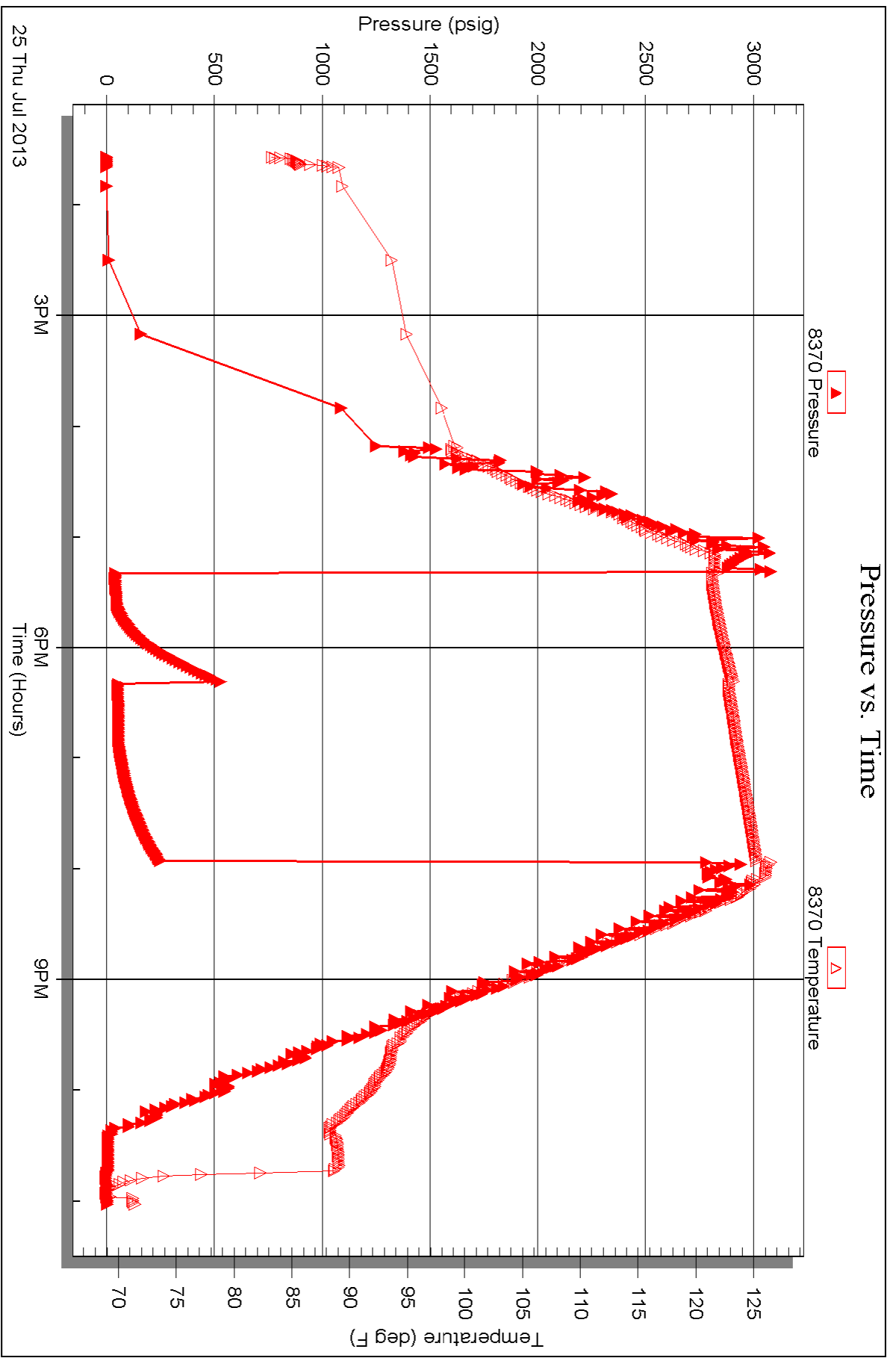


Serial #: 8370

Outside Herrman L Loeb LLC

Dora Taylor #3-22

DST Test Number: 3





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 47517

4/10

Well Name & No. Dora Taylor #3-22 Test No. 1 Date 7-22-13  
 Company Herman L Loeb Elevation 2368 KB 2357 GL  
 Address Pobox 838 Lawrenceville IL 62439  
 Co. Rep / Geo. George Payne Rig Sterling #2  
 Location: Sec. 22 Twp. 34 Rge. 26 Co. Mcade State KS

Interval Tested 5443 - 5485 Zone Tested Marmaton  
 Anchor Length 42' Drill Pipe Run 5195 Mud Wt. 9.1  
 Top Packer Depth 5438 Drill Collars Run 249 Vis 54  
 Bottom Packer Depth 5443 Wt. Pipe Run 0 WL 11.6  
 Total Depth 5485 Chlorides 8,000 ppm System LCM #

Blow Description IF: Weak blow 1/2"  
ISI: NO blow back  
FF: NO blow  
FST: NO blow back

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>15'</u>	Feet of <u>MUD</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 15' BHT 120 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2665</u>	<input checked="" type="checkbox"/> Test 1350	T-On Location <u>4:20</u>
(B) First Initial Flow <u>31</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>5:15</u>
(C) First Final Flow <u>42</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>10:34</u>
(D) Initial Shut-In <u>68</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>13:00</u>
(E) Second Initial Flow <u>50</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>16:00</u>
(F) Second Final Flow <u>51</u>	<input checked="" type="checkbox"/> Mileage <u>240 miles</u> 372	Comments
(G) Final Shut-In <u>68</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2621</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>45</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>60</u>	<input type="checkbox"/> Day Standby	Total <u>2047</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>2047</u>	

Approved By \_\_\_\_\_ Our Representative Chris [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 47518

4/10

Well Name & No. Dora Taylor # 3-22 Test No. 2 Date 7-24-13  
 Company Herman Loch Elevation 2368 KB 2357 GL  
 Address Pobox 838 Lawrenceville IL 62439  
 Co. Rep / Geo. Gorge Payne / Tom Prohald Rig Sterling #2  
 Location: Sec. 22 Twp. 34 Rge. 26 Co. Meade State KS

Interval Tested 5914 - 6005 Zone Tested Morrow  
 Anchor Length 91' Drill Pipe Run 5641 Mud Wt. 9.2  
 Top Packer Depth 5909 Drill Collars Run 249 Vis 5.3  
 Bottom Packer Depth 5914 Wt. Pipe Run 0 WL 10.4  
 Total Depth 6005 Chlorides 5,300 ppm System LCM 2#

Blow Description FF: weak blow 1 1/4"  
FSI: NO blow back  
FF: NO blow  
FSI: NO blow back

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>65'</u>	Feet of <u>MUD</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 65' BHT 125 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>3004</u>	<input checked="" type="checkbox"/> Test <u>1450</u>	T-On Location <u>5:10</u>
(B) First Initial Flow <u>34</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>5:32</u>
(C) First Final Flow <u>51</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>10:43</u>
(D) Initial Shut-In <u>105</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>13:15</u>
(E) Second Initial Flow <u>58</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>16:45</u>
(F) Second Final Flow <u>62</u>	<input checked="" type="checkbox"/> Mileage <u>100 miles</u> 372	Comments
(G) Final Shut-In <u>104</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2953</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open 15  
 Initial Shut-In 45  
 Final Flow 30  
 Final Shut-In 60

Shale Packer  
 Extra Packer  
 Extra Recorder  
 Day Standby 1d 12.75h  
 Accessibility

Sub Total 2147

Sub Total 425  
 Total 2572  
 MP/DST Disc't

Approved By Tom Prohald Our Representative [Signature]

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 52287

Well Name & No. Dora Taylor # 3-22 Test No. 3 Date 7/25/13  
 Company Herman L. Loeb, LLC Elevation 2368 KB 2357 GL  
 Address P.O. Box 838, Lawrenceville, IL 62439  
 Co. Rep / Geo. G. Payne / Tom Pronold Rig Stirling Drly # 2  
 Location: Sec. 22 Twp. 34 S Rge. 26 W Co. Meade State Ks.

Interval Tested 6025 - 6140' Zone Tested Chester  
 Anchor Length 115' Drill Pipe Run 5297 Mud Wt. 9.3  
 Top Packer Depth 6020 Drill Collars Run 215 Vis 54  
 Bottom Packer Depth 6025 Wt. Pipe Run 0 WL 10.8cc  
 Total Depth 6140 Chlorides 4,000 ppm System LCM 8#  
 Blow Description Weak blow, 1/2 - 3/4" IST: No blow

FF: Weak blow, 1/4 - 1/2" FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
30	Only Mud (Faint Ode)				

Rec Total 30 Fluid BHT 125° Gravity N/A API RW NC @ - °F Chlorides 4,000 ppm

(A) Initial Hydrostatic <u>2926</u>	<input checked="" type="checkbox"/> Test 1450	T-On Location <u>1105</u>
(B) First Initial Flow <u>30</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>1338</u>
(C) First Final Flow <u>39</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>1719</u>
(D) Initial Shut-In <u>549</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1952</u>
(E) Second Initial Flow <u>41</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>2305</u>
(F) Second Final Flow <u>46</u>	<input checked="" type="checkbox"/> Mileage <u>240</u> 372	Comments _____
(G) Final Shut-In <u>250</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>2926</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>15</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>45</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>60</u>	<input type="checkbox"/> Day Standby	Total <u>2147</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>2147</u>	

Approved By \_\_\_\_\_ Our Representative Cary Pronold  
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