



**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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- 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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1064478

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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
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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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Hartman Oil Co., Inc.
Well Name	Nollette Trust 1-23
Doc ID	1064478

Tops

Name	Top	Datum
Heebner Shale	4042	-889
Toronto	4062	-909
Lansing	4080	-927
Muncie Creek	4218	-1065
Stark	4304	-1151
B/KC	4358	-1205
Pawnee	4494	-1341
Cherokee	4584	-1431
Johnson Zone	4627	-1474
Mississippi	4691	-1538
RTD	4770	-1617

# ALLIED CEMENTING CO., LLC. 043498

Federal Tax I.D.# 20-5975804

BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Oakley

11	SEC. 33	TWP. 10	RANGE 33	CALLED OUT	ON LOCATION	JOB START 4:00PM	JOB FINISH 5:00PM
WELL # 1-23	LOCATION <u>Oakley 3N 6W 1N</u>			COUNTY <u>Thomas</u>	STATE <u>KS</u>		
(OR NEW) (Circle one)				<u>1/2 E Sinto</u>			

CONTRACTOR H2 Drilling #2

TYPE OF JOB PTA

HOLE SIZE 7/8 T.D. 4720'

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 DEPTH 2650'

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ DEPTH \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ MINIMUM \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER same

CEMENT AMOUNT ORDERED 220 sks 4 1/2 4 3/4 4 1/2

Flowseal

COMMON 132 sks @ 16.25 2145.00

POZMIX 88 sks @ 8.50 748.00

GEL 8 sks @ 21.25 170.00

CHLORIDE @ \_\_\_\_\_

ASC @ \_\_\_\_\_

Flowseal 55# @ 2.70 148.50

HANDLING 230 sks @ 2.15 517.50

MILEAGE 118 sk/mile 253.00

TOTAL 3982.00

EQUIPMENT

PUMP TRUCK CEMENTER Andrew

#386-281 HELPER Jerry

BULK TRUCK DRIVER Chris

#347 BULK TRUCK DRIVER

REMARKS:

25 sks @ 2650'

100 sks @ 1745'

40 sks @ 380'

10 sks @ 40'

15 sks mouse hole

30 sks Rat hole

Thank you

CHARGE TO: Hartman Oil

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB 2650'

PUMP TRUCK CHARGE 1250.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 10 miles x 2 @ 7.00 140.00

MANIFOLD @ \_\_\_\_\_

Light vehicle @ 4.00 80.00

TOTAL 1470.00

PLUG & FLOAT EQUIPMENT

8 5/8 1 Dry hole plug @ 92.00

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

TOTAL 92.00

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 5544.00

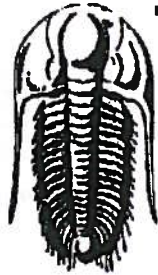
DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

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 STEVEN CRAIG

SIGNATURE Steven Craig





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Hartmen Oil Co, Inc**

10500 E Berkeley Sq Pkwy  
STE 300  
Wichuta, KS 67206

ATTN: Kitt Noah

**23 10s 33w Thomas,KS**

**Nollette Trust #1-23**

Start Date: 2011.09.17 @ 02:42:00

End Date: 2011.09.17 @ 10:25:30

Job Ticket #: 44480                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

**ORIGINAL**

Printed: 2011.10.05 @ 12:15:01

Hartmen Oil Co, Inc

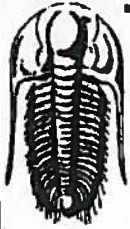
Nollette Trust #1-23

23 10s 33w Thomas,KS

DST # 1

Myric Station

2011.09.17



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Hartmen Oil Co, Inc  
10500 E Berkeley Sq Pkwy  
STE 300  
Wichuta, KS 67206  
ATTN: Kitt Noah

**Nollette Trust #1-23**  
**23 10s 33w Thomas,KS**  
Job Ticket: 44480 **DST#: 1**  
Test Start: 2011.09.17 @ 02:42:00

## GENERAL INFORMATION:

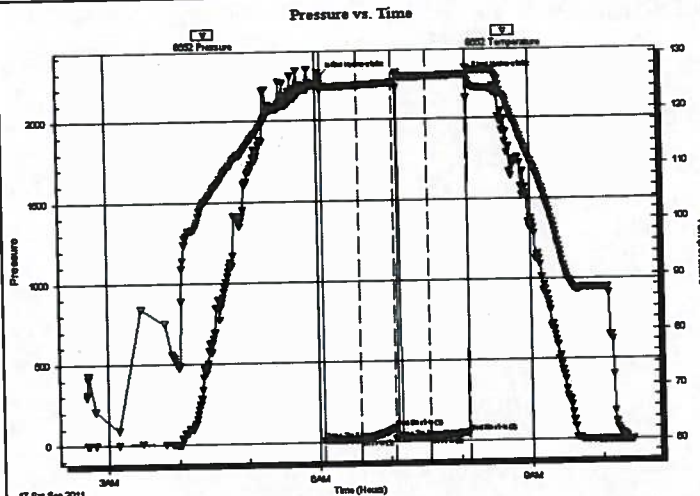
Formation: **Myric Station**  
Deviated: **No Whipstock** ft (KB)  
Time Tool Opened: 06:04:00  
Time Test Ended: 10:25:30  
Interval: **4525.00 ft (KB) To 4554.00 ft (KB) (TVD)**  
Total Depth: **4554.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good**  
Test Type: **Conventional Bottom Hole (Initial)**  
Tester: **Bradley Walter**  
Unit No: **40**  
Reference Elevations: **3153.00 ft (KB)**  
**3142.00 ft (CF)**  
KB to GR/CF: **11.00 ft**

## Serial #: 8652

Inside

Press@RunDepth: 27.05 psig @ 4526.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2011.09.17 End Date: 2011.09.17 Last Calib.: 2011.09.17  
Start Time: 02:42:05 End Time: 10:25:29 Time On Btm: 2011.09.17 @ 06:03:45  
Time Off Btm: 2011.09.17 @ 08:08:15

TEST COMMENT: IF: Surface blow, died @ 7 minutes.  
IS: No return.  
FF: No blow, Flushed tool. No blow  
FSI: No blow.



## PRESSURE SUMMARY

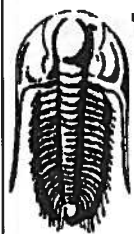
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2272.22	124.93	Initial Hydro-static
1	14.98	123.52	Open To Flow (1)
31	17.06	124.52	Shut-In(1)
61	85.78	124.90	End Shut-In(1)
61	19.11	124.84	Open To Flow (2)
90	27.05	126.01	Shut-In(2)
124	52.76	126.23	End Shut-In(2)
125	2262.04	127.37	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100m(oil specks)	0.07

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Hartmen Oil Co, Inc  
10500 E Berkeley Sq Flwy  
STE 300  
Wichita, KS 67206  
ATTN: Kitt Noah

**Nollette Trust #1-23**  
**23 10s 33w Thomas,KS**  
Job Ticket: 44480      DST#: 1  
Test Start: 2011.09.17 @ 02:42:00

### Tool Information

Drill Pipe:	Length: 4332.00 ft	Diameter: 3.20 inches	Volume: 43.09 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: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 43.98 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4525.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 ft			
Tool Length:	50.00 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			4505.00	
Shut In Tool	5.00			4510.00	
Hydraulic tool	5.00			4515.00	
Packer	5.00			4520.00	21.00      Bottom Of Top Packer
Packer	5.00			4525.00	
Stubb	1.00			4526.00	
Recorder	0.00	8360	Outside	4526.00	
Recorder	0.00	8652	Inside	4526.00	
Perforations	25.00			4551.00	
Bullnose	3.00			4554.00	29.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>50.00</b>				





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Hartmen Oil Co, Inc  
10500 E Berkeley Sq Rwy  
STE 300  
Wichita, KS 67206  
ATTN: Kitt Noah

**Nollette Trust #1-23**  
**23 10s 33w Thomas,KS**  
Job Ticket: 44480      DST#: 1  
Test Start: 2011.09.17 @ 02:42:00

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 54.00 sec/qt  
Water Loss: 7.97 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 3400.00 ppm  
Filter Cake: 1.00 inches

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

Oil API: 0 deg API  
Water Salinity: 0 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud 100m(oil specks)	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 #: 8652

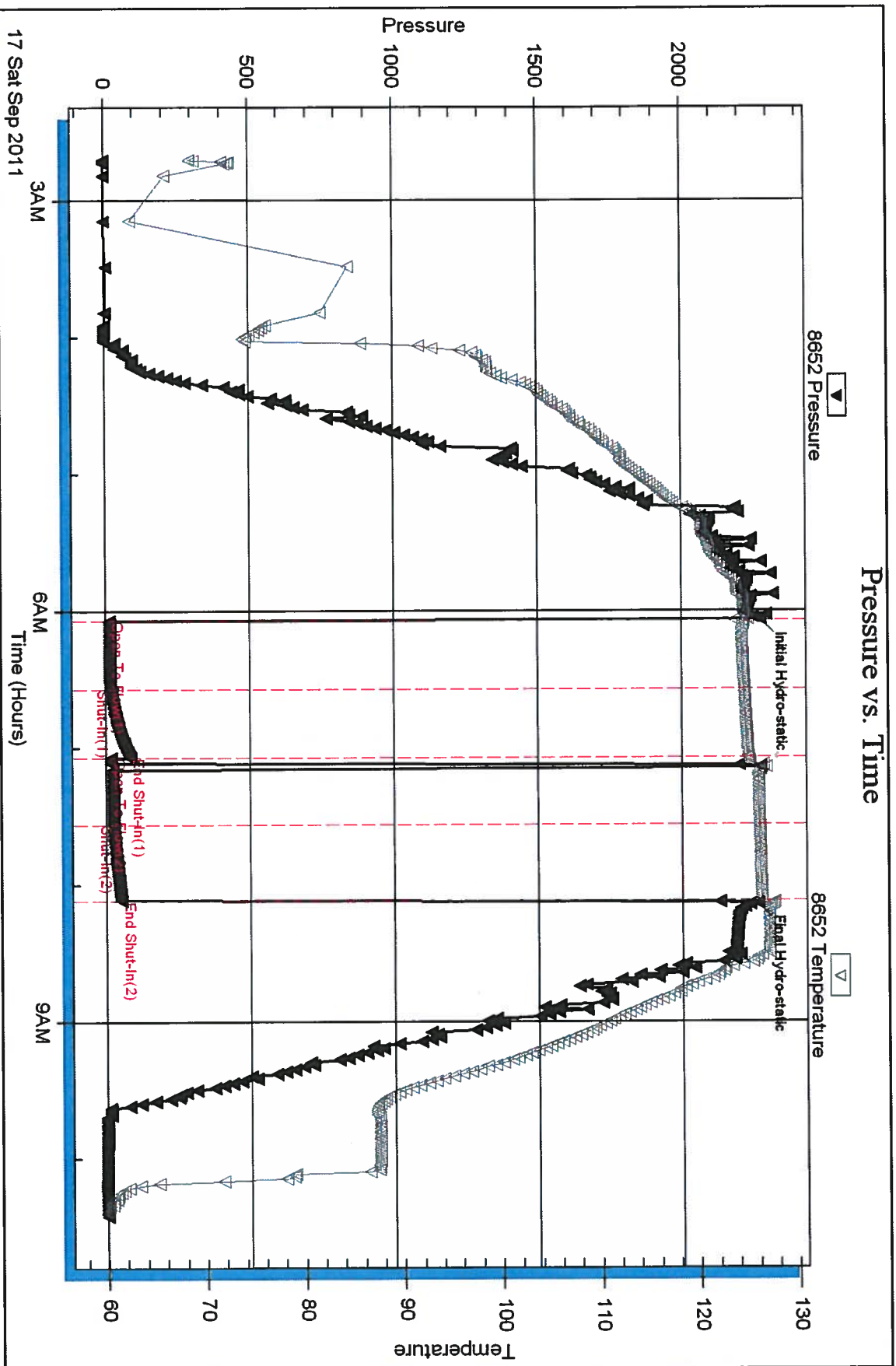
Inside

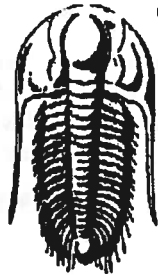
Hartman Oil Co., Inc

23 10s 33w Thomas, KS

DST Test Number: 1

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Hartmen Oil Co, Inc**

10500 E Berkeley Sq Pkwy  
STE 300  
Wichita, KS 67206

ATTN: Kitt Noah

**23 10s 33w Thomas,KS**

**Nollette Trust #1-23**

Start Date: 2011.09.18 @ 04:26:00

End Date: 2011.09.18 @ 11:15:00

Job Ticket #: 44481                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2011.10.05 @ 12:15:23

Hartmen Oil Co, Inc

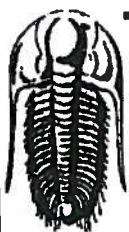
Nollette Trust #1-23

23 10s 33w Thomas,KS

DST # 2

Johnson

2011.09.18



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Hartmen Oil Co, Inc  
10500 E Berkeley Sq Flwy  
STE 300  
Wichita, KS 67206  
ATTN: Kitt Noah

**Nollette Trust #1-23**  
**23 10s 33w Thomas,KS**  
Job Ticket: 44481      DST#: 2  
Test Start: 2011.09.18 @ 04:26:00

## GENERAL INFORMATION:

Formation: **Johnson**  
Deviated: **No Whipstock:**      ft (KB)  
Time Tool Opened: 06:58:15  
Time Test Ended: 11:15:00

Test Type: **Conventional Bottom Hole (Reset)**  
Tester: **Bradley Walter**  
Unit No: **40**

Interval: **4607.00 ft (KB) To 4658.00 ft (KB) (TVD)**  
Total Depth: **4658.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **3153.00 ft (KB)**  
**3142.00 ft (CF)**  
KB to GR/CF: **11.00 ft**

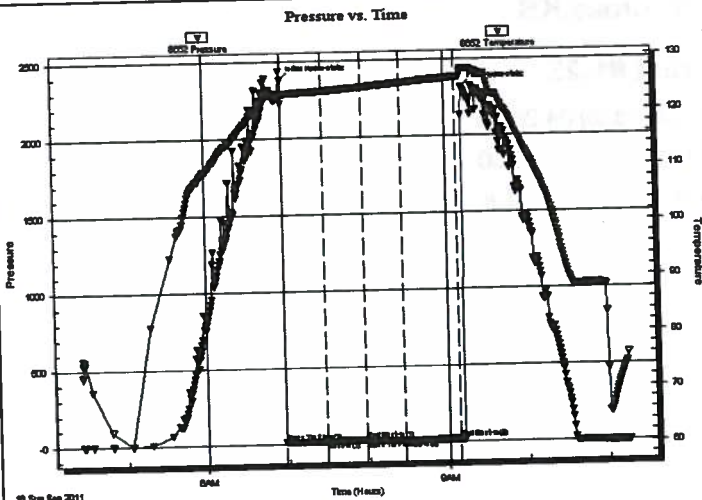
## Serial #: 8652

**Inside**

Press@RunDepth: **15.67 psig @ 4608.00 ft (KB)**  
Start Date: **2011.09.18**      End Date: **2011.09.18**  
Start Time: **04:26:05**      End Time: **11:14:59**

Capacity: **8000.00 psig**  
Last Calib.: **2011.09.18**  
Time On Btm: **2011.09.18 @ 06:58:00**  
Time Off Btm: **2011.09.18 @ 09:13:00**

TEST COMMENT: IF: Surface blow, died @ 11 minutes.  
ISI: No return.  
FF: No blow, Flushed tool, No blow.  
FSI: No return



## PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2379.62	123.40	Initial Hydro-static
1	14.31	121.76	Open To Flow (1)
31	15.13	123.89	Shut-In(1)
60	21.56	124.51	End Shut-In(1)
61	13.89	124.51	Open To Flow (2)
89	15.67	125.18	Shut-In(2)
131	18.24	126.08	End Shut-In(2)
135	2317.26	127.46	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 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**

Hartmen Oil Co, Inc  
10500 E Berkeley Sq Pkwy  
STE 300  
Wichita, KS 67206  
ATTN: Kitt Noah

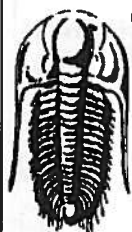
**Nollette Trust #1-23**  
**23 10s 33w Thomas,KS**  
Job Ticket: 44481      DST#: 2  
Test Start: 2011.09.18 @ 04:26:00

**Tool Information**

Drill Pipe:	Length: 4363.00 ft	Diameter: 3.20 inches	Volume: 43.40 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 89000.00 lb
		<b>Total Volume:</b>	<b>44.58 bbl</b>	Tool Chased: 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	4607.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 ft			
Tool Length:	72.00 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			4587.00	
Shut In Tool	5.00			4592.00	
Hydraulic tool	5.00			4597.00	
Packer	5.00			4602.00	21.00      Bottom Of Top Packer
Packer	5.00			4607.00	
Stubb	1.00			4608.00	
Recorder	0.00	8360	Outside	4608.00	
Recorder	0.00	8652	Inside	4608.00	
Perforations	14.00			4622.00	
Change Over Sub	1.00			4623.00	
Drill Pipe	31.00			4654.00	
Change Over Sub	1.00			4655.00	
Bullnose	3.00			4658.00	51.00      Bottom Packers & Anchor

**Total Tool Length: 72.00**



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

FLUID SUMMARY

Hartmen Oil Co, Inc  
10500 E Berkeley Sq Fkwy  
STE 300  
Wichita, KS 67206  
ATTN: Kitt Noah

**Nollette Trust #1-23**  
**23 10s 33w Thomas,KS**  
Job Ticket: 44481      **DST#: 2**  
Test Start: 2011.09.18 @ 04:26:00

### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 53.00 sec/qt  
Water Loss: 8.78 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 4400.00 ppm  
Filter Cake: 1.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig  
Oil API: 0 deg API  
Water Salinity: 0 ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 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:

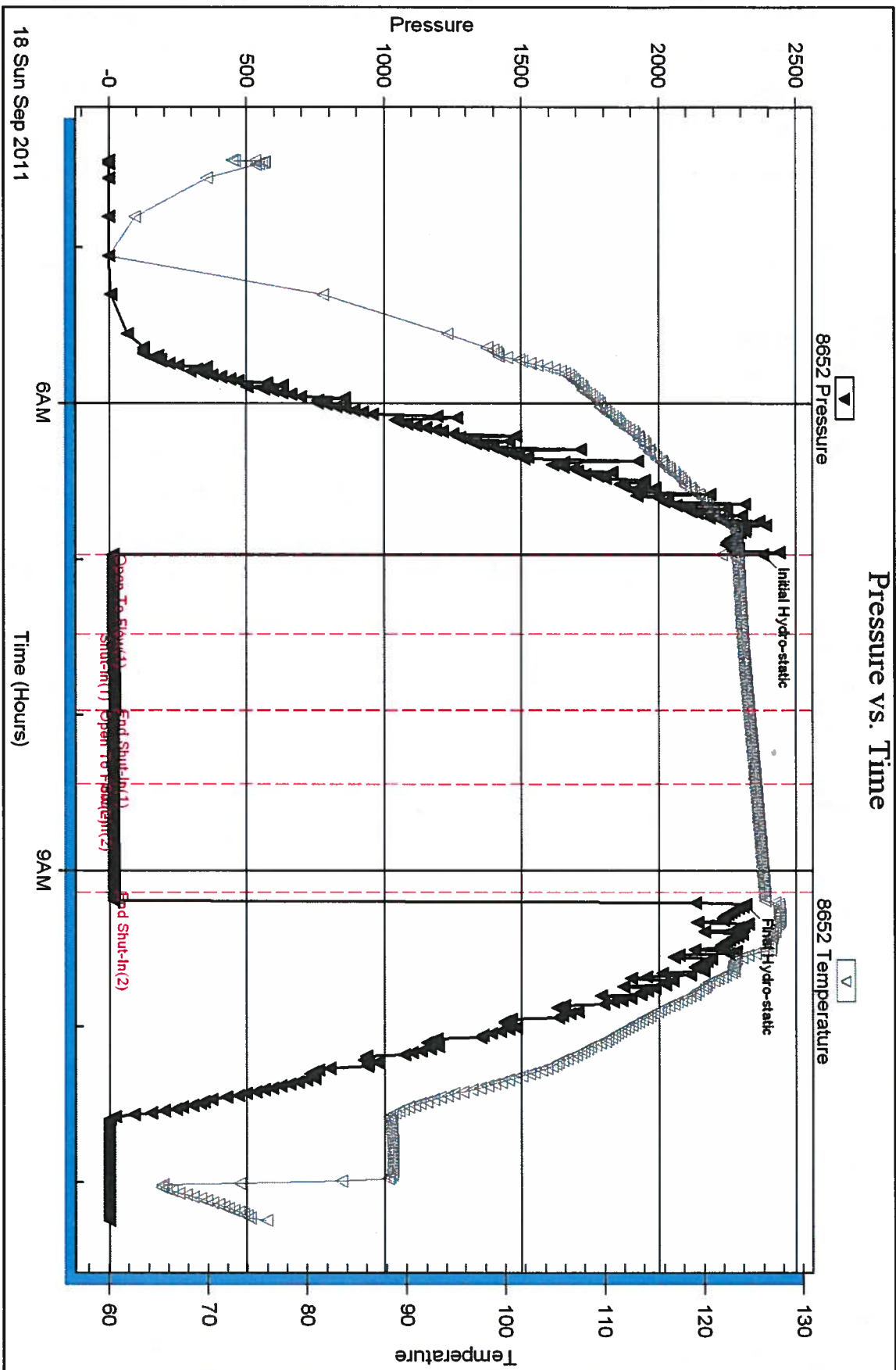
Serial #: 8652

Inside

Hartmen Oil Co, Inc

23 10s 33w Thomas, KS

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Trilobite Testing, Inc

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