



**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: \_\_\_\_\_



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
---	---

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 Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
-----------------------------------	-----------	---------	-------------	---------------	---------

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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 <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--	---	---

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Home Office P.O. Box 32 Russell, KS 67665

No. 731

Phone 785-483-2025  
Cell 785-324-1041

Date	9-5-12	Sec.	31	Twp.	11	Range	17	County	Ellis	State	KS	On Location	6:00 AM
Lease	Hadley	Well No.	#1			Location Open Range Toluse N to Conrad West into							
Contractor	Poloy Rig 2							Owner To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Type Job	Surface							Charge To					
Hole Size	17 1/4							T.D. 211					
Csg.	4540							Depth 211.66					
Tbg Size								Street Jim Clark					
Tool								City State					
Cement Left in Csg.	200#							Shoe Joint 90ft					
Meas Line								Displace 12 1/4 BDL					
Cement Amount Ordered 50 3/4 100 Bell													

### EQUIPMENT

Pumptrk	16	No.	Cementor	Frank
			Helper	
Bulktrk	13	No.	Driver	Paul
			Driver	
Bulktrk		No.	Driver	Levi
			Driver	

### JOB SERVICES & REMARKS

Remarks:  
Rat Hole  
Mouse Hole  
Centralizers  
Baskets  
D/V or Port Collar

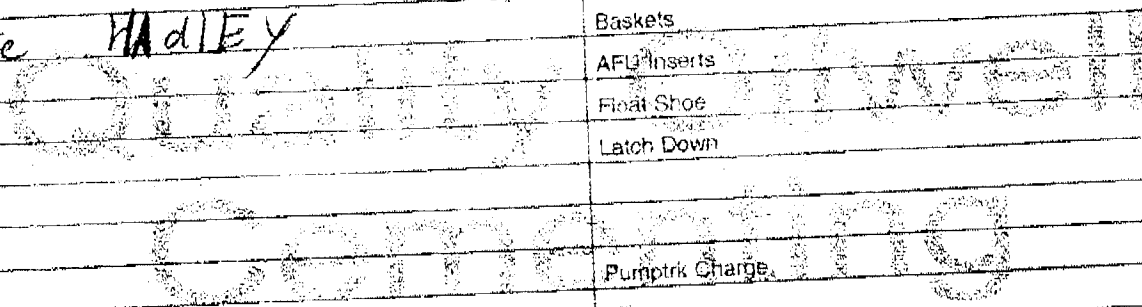
- Common
- Poz. Mix
- Gel.
- Calcium
- Hulls
- Salt
- Flowseal
- Koi-Seal
- Mud CLR 48
- CFL-117 or CD110 CAF 38
- Sand
- Handling
- Mileage

Cement did Circulate

### FLOAT EQUIPMENT

Lease HADLEY

- Guide Shoe
- Centralizer
- Baskets
- AFL Inserts
- Float Shoe
- Latch Down



Pumptrk Charge  
Mileage

Tax  
Discount  
Total Charge

X \_\_\_\_\_

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

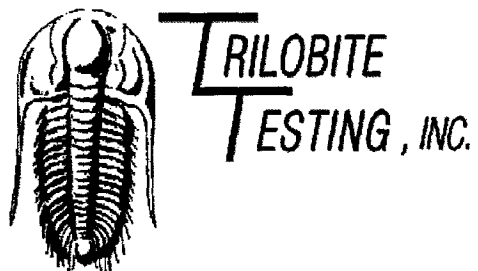
Home Office P.O. Box 32 Russell, KS 67665

No. 735

Phone 785-483-2025

Cell 785-324-1041

Date	9-9-12	Sec.	31	Twp.	11	Range	17	County	Ellis	State	KS	On Location	7.30 pm	Finish	7.15 pm
Lease	Bradley		Well No.		#2		Location								
Contractor	Paley Rig 2		Owner									To Quality Oilwell Cementing, Inc.			
Type Job	plug 526		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.												
Hole Size			T.D.		3660		Charge To		Jim Clark						
Csg.			Depth		3583		Street								
Tbg. Size			Depth		City									State	
Tool			Depth		The above was done to satisfaction and supervision of owner agent or contractor.										
Cement Left in Csg.			Shoe Joint		Cement Amount Ordered									245 980 470 gal 24 flow	
Meas Line			Displace												
<b>EQUIPMENT</b>															
Pumptrk	No.	Cement Helper													
Bulktrk	No.	Driver													
Bulktrk	No.	Driver													
<b>JOB SERVICES &amp; REMARKS</b>															
Remarks:															
Rat Hole	305H														
Mouse Hole	145H														
Centralizers															
Baskets															
D/W or Port Collar															
<b>FLOAT EQUIPMENT</b>															
1st	3583	95 SH													
2nd	1325	95 SH													
3rd	770	100 SH													
4th	960	40 SH													
5th	40	10 SH													
<b>QUALITY OILWELL CEMENTING</b>															
Pumptrk Charge												Tax			
Mileage												Discount			
												Total Charge			



## DRILL STEM TEST REPORT

Prepared For: **Cla-Mar Oil Company**

PO Box 1197  
Hays KS 67601

ATTN: Roger Fisher

**Hadley #1**

**31-11s-17w Elis,KS**

Start Date: 2012.09.08 @ 06:35:00

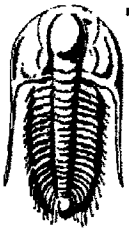
End Date: 2012.09.08 @ 12:05:30

Job Ticket #: 48567                      DST #: 1

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

Printed: 2012.09.12 @ 09:43:48

Cla-Mar Oil Company    31-11s-17w Elis,KS    Hadley #1    DST # 1    KC "H.K."    2012.09.08



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Cla-Mar Oil Company

31-11s-17w Elis,KS

PO Box 1197  
Hays KS 67601

**Hadley #1**

Job Ticket: 48567

DST#: 1

ATTN: Roger Fisher

Test Start: 2012.09.08 @ 06:35:00

### GENERAL INFORMATION:

Formation: **KC "H-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:48:30

Time Test Ended: 12:05:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 59

Interval: **3420.00 ft (KB) To 3512.00 ft (KB) (TVD)**

Reference Elevations: 2056.00 ft (KB)

Total Depth: 3512.00 ft (KB) (TVD)

2048.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GRVCF: 8.00 ft

**Serial #: 8319** Outside

Press@RunDepth: 23.34 psig @ 3421.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.08

End Date: 2012.09.08

Last Calib.: 2012.09.08

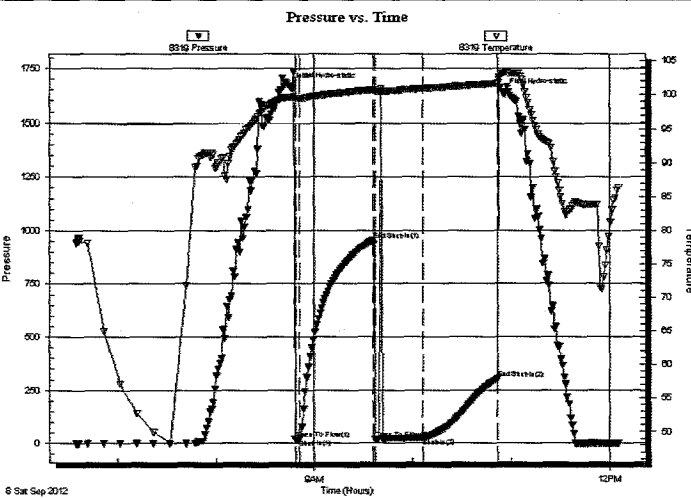
Start Time: 06:35:05

End Time: 12:05:29

Time On Btm: 2012.09.08 @ 08:45:00

Time Off Btm: 2012.09.08 @ 10:55:00

TEST COMMENT: IF-1" blow  
ISI-No blow  
FF-No blow flush tool weak surface blow died in 15 min  
FSI-No blow



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1665.36	99.52	Initial Hydro-static
4	18.86	99.41	Open To Flow (1)
6	19.40	99.38	Shut-In(1)
51	954.38	100.64	End Shut-In(1)
52	20.09	100.43	Open To Flow (2)
81	23.34	100.82	Shut-In(2)
127	304.46	101.58	End Shut-In(2)
130	1636.33	103.10	Final Hydro-static

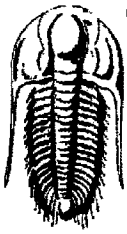
### Recovery

Length (ft)	Description	Volume (bbl)
10.00	Oil spotted mud	0.14

### Gas Rates

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





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Cla-Mar Oil Company

**31-11s-17w Elis,KS**

PO Box 1197  
Hays KS 67601

**Hadley #1**

Job Ticket: 48567

**DST#: 1**

ATTN: Roger Fisher

Test Start: 2012.09.08 @ 06:35:00

### Tool Information

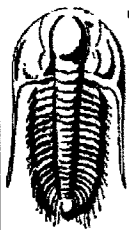
Drill Pipe:	Length: 3413.00 ft	Diameter: 3.80 inches	Volume: 47.88 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.50 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 47.88 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3420.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	92.00 ft			
Tool Length:	113.00 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			3400.00	
Shut In Tool	5.00			3405.00	
Hydraulic tool	5.00			3410.00	
Packer	5.00			3415.00	21.00 Bottom Of Top Packer
Packer	5.00			3420.00	
Stubb	1.00			3421.00	
Recorder	0.00	8166	Inside	3421.00	
Recorder	0.00	8319	Outside	3421.00	
Perforations	5.00			3426.00	
Change Over Sub	1.00			3427.00	
Drill Pipe	62.00			3489.00	
Change Over Sub	1.00			3490.00	
Perforations	19.00			3509.00	
Bullnose	3.00			3512.00	92.00 Bottom Packers & Anchor

**Total Tool Length: 113.00**





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Cla-Mar Oil Company

**31-11s-17w Elis,KS**

PO Box 1197  
Hays KS 67601

**Hadley #1**

Job Ticket: 48567

**DST#: 1**

ATTN: Roger Fisher

Test Start: 2012.09.08 @ 06:35:00

### Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Oil spotted mud	0.140

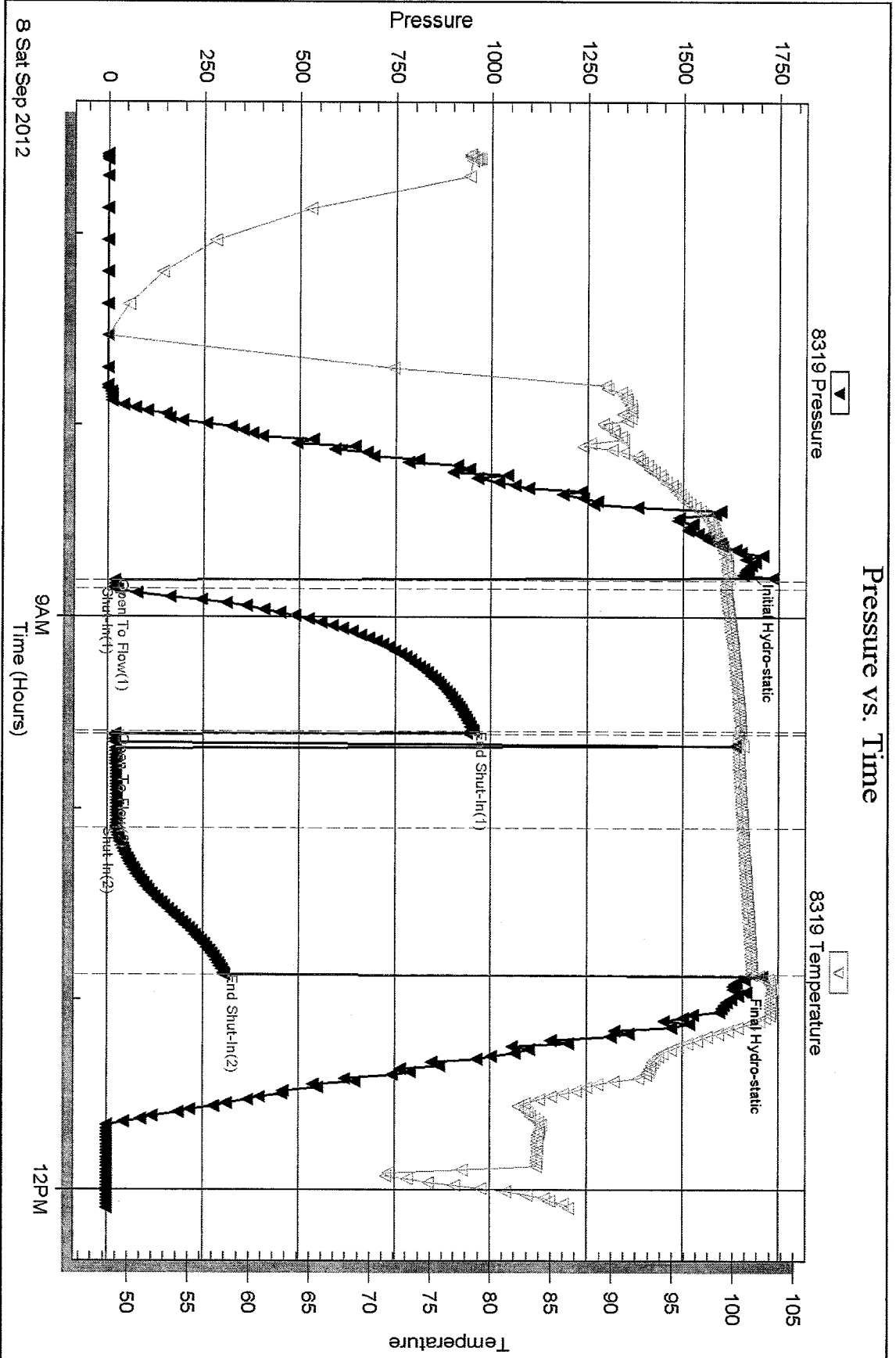
Total Length: 10.00 ft      Total Volume: 0.140 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

### Pressure vs. Time



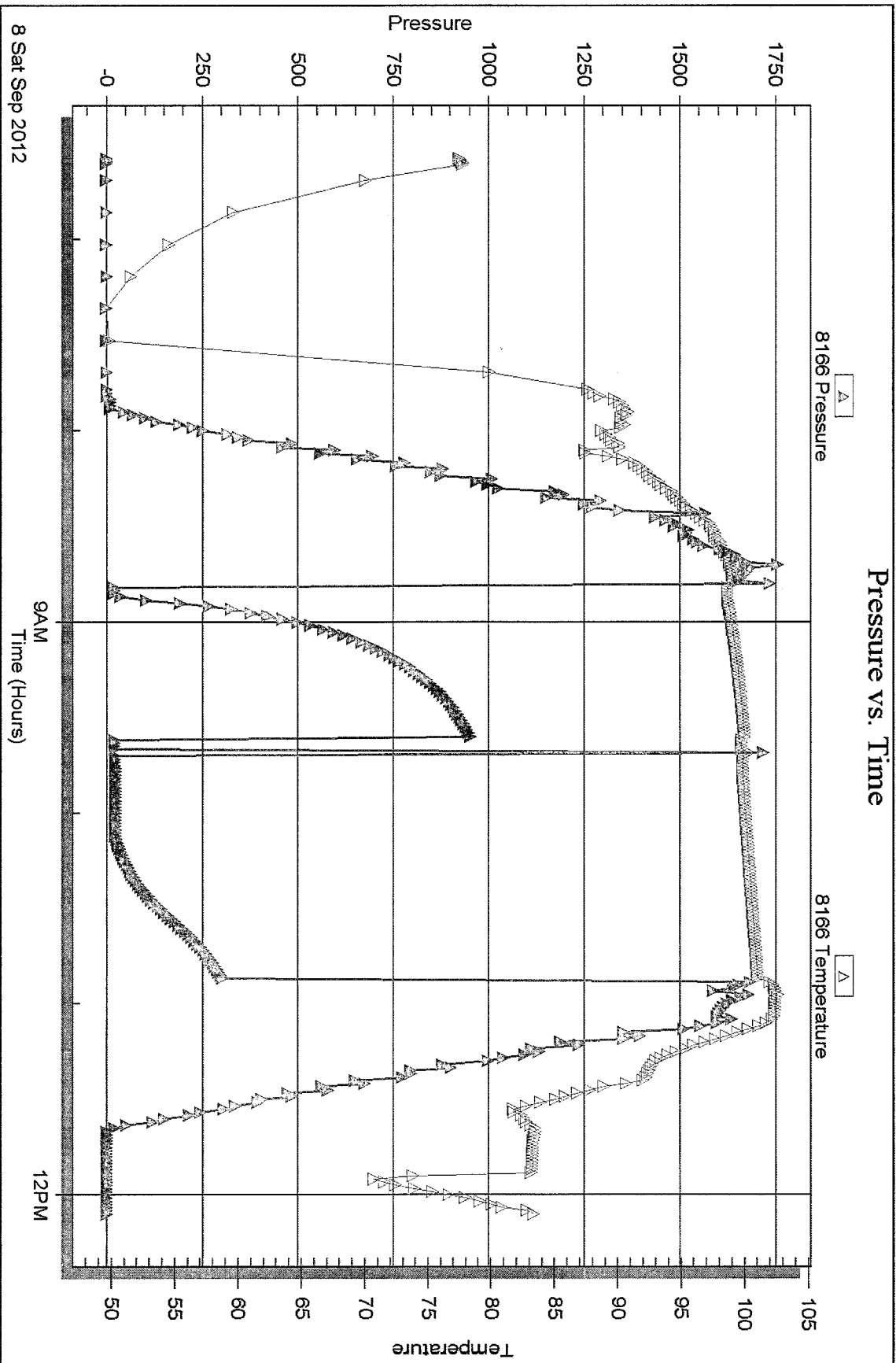
Serial #: 8166

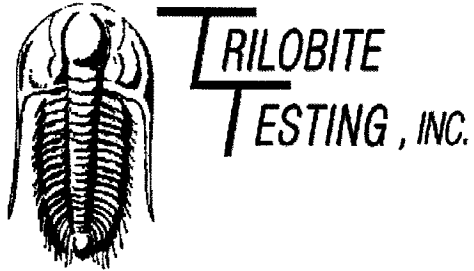
Inside

Ca-Mar Oil Company

Hadley #1

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Cla-Mar Oil Company**

PO Box 1197  
Hays KS 67601

ATTN: Roger Fisher

**Hadley #1**

**31-11s-17w Elis,KS**

Start Date: 2012.09.08 @ 21:45:00

End Date: 2012.09.09 @ 03:50:00

Job Ticket #: 48568                      DST #: 2

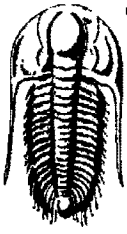
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.09.12 @ 09:41:38

Cla-Mar Oil Company 31-11s-17w Elis,KS Hadley #1 DST # 2 Arbuckle 2012.09.08



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Cla-Mar Oil Company

**31-11s-17w Elis,KS**

PO Box 1197  
Hays KS 67601

**Hadley #1**

Job Ticket: 48568      **DST#: 2**

ATTN: Roger Fisher

Test Start: 2012.09.08 @ 21:45:00

## GENERAL INFORMATION:

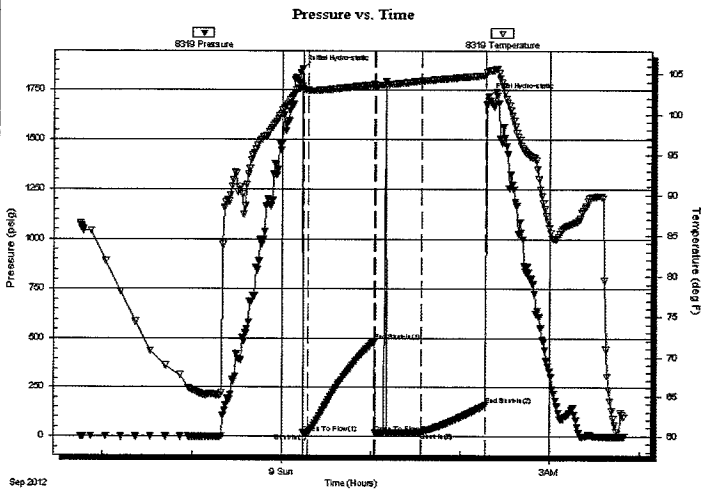
Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 00:14:30  
 Time Test Ended: 03:50:00  
 Interval: **3544.00 ft (KB) To 3603.00 ft (KB) (TVD)**  
 Total Depth: 3603.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Brett Dickinson  
 Unit No: 59  
 Reference Elevations: 2056.00 ft (KB)  
 2048.00 ft (CF)  
 KB to GR/CF: 8.00 ft

## Serial #: 8319

Outside

Press@RunDepth: 21.79 psig @ 3545.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2012.09.08      End Date: 2012.09.09      Last Calib.: 2012.09.09  
 Start Time: 21:45:05      End Time: 03:49:59      Time On Btm: 2012.09.09 @ 00:13:30  
 Time Off Btm: 2012.09.09 @ 02:18:30

TEST COMMENT: IF-3/4" blow  
 IS-No blow  
 FF-No blow flush tool  
 FSI-No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1856.85	103.48	Initial Hydro-static
1	17.31	103.08	Open To Flow (1)
4	17.46	102.96	Shut-In(1)
49	486.55	103.69	End Shut-In(1)
49	17.64	103.57	Open To Flow (2)
80	21.79	104.12	Shut-In(2)
123	158.48	104.83	End Shut-In(2)
125	1717.02	105.38	Final Hydro-static

## Recovery

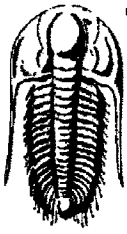
Length (ft)	Description	Volume (bbl)
5.00	Mud	0.07

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Cla-Mar Oil Company

**31-11s-17w Elis,KS**

PO Box 1197  
Hays KS 67601

**Hadley #1**

Job Ticket: 48568

**DST#: 2**

ATTN: Roger Fisher

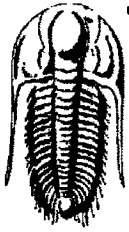
Test Start: 2012.09.08 @ 21:45:00

### Tool Information

Drill Pipe:	Length: 3539.00 ft	Diameter: 3.80 inches	Volume: 49.64 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.50 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 49.64 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3544.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	59.00 ft			
Tool Length:	80.00 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			3524.00	
Shut In Tool	5.00			3529.00	
Hydraulic tool	5.00			3534.00	
Packer	5.00			3539.00	21.00 Bottom Of Top Packer
Packer	5.00			3544.00	
Stubb	1.00			3545.00	
Recorder	0.00	8166	Inside	3545.00	
Recorder	0.00	8319	Outside	3545.00	
Perforations	5.00			3550.00	
Change Over Sub	1.00			3551.00	
Drill Pipe	32.00			3583.00	
Change Over Sub	1.00			3584.00	
Perforations	16.00			3600.00	
Bullnose	3.00			3603.00	59.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>80.00</b>				



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Cla-Mar Oil Company

**31-11s-17w Elis,KS**

PO Box 1197  
Hays KS 67601

**Hadley #1**

Job Ticket: 48568

**DST#: 2**

ATTN: Roger Fisher

Test Start: 2012.09.08 @ 21:45:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.070

Total Length: 5.00 ft

Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



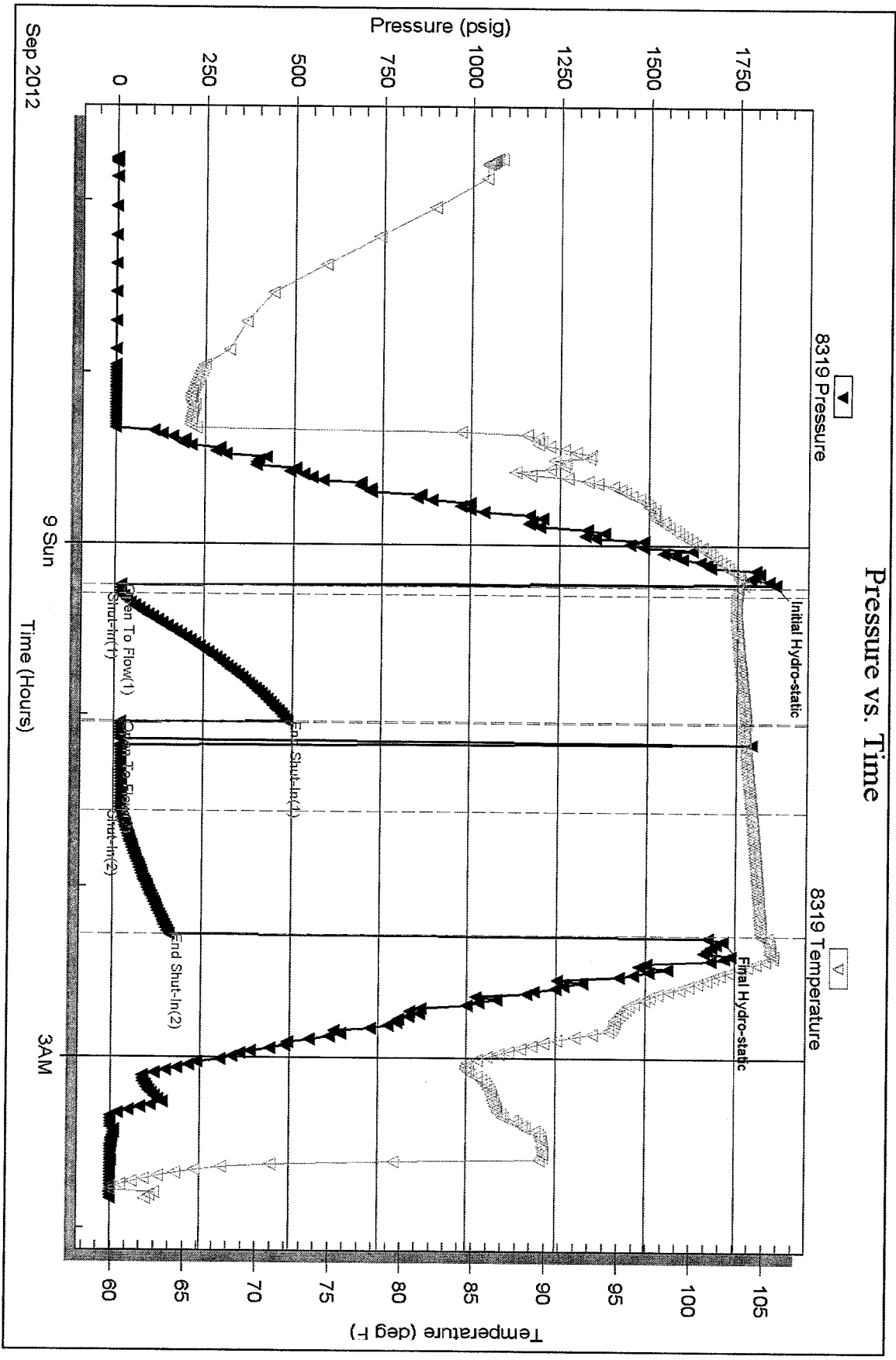
Serial #: 8319

Outside Cla-Mar Oil Company

Hadley #1

DST Test Number: 2

### Pressure vs. Time



Serial #: 8166

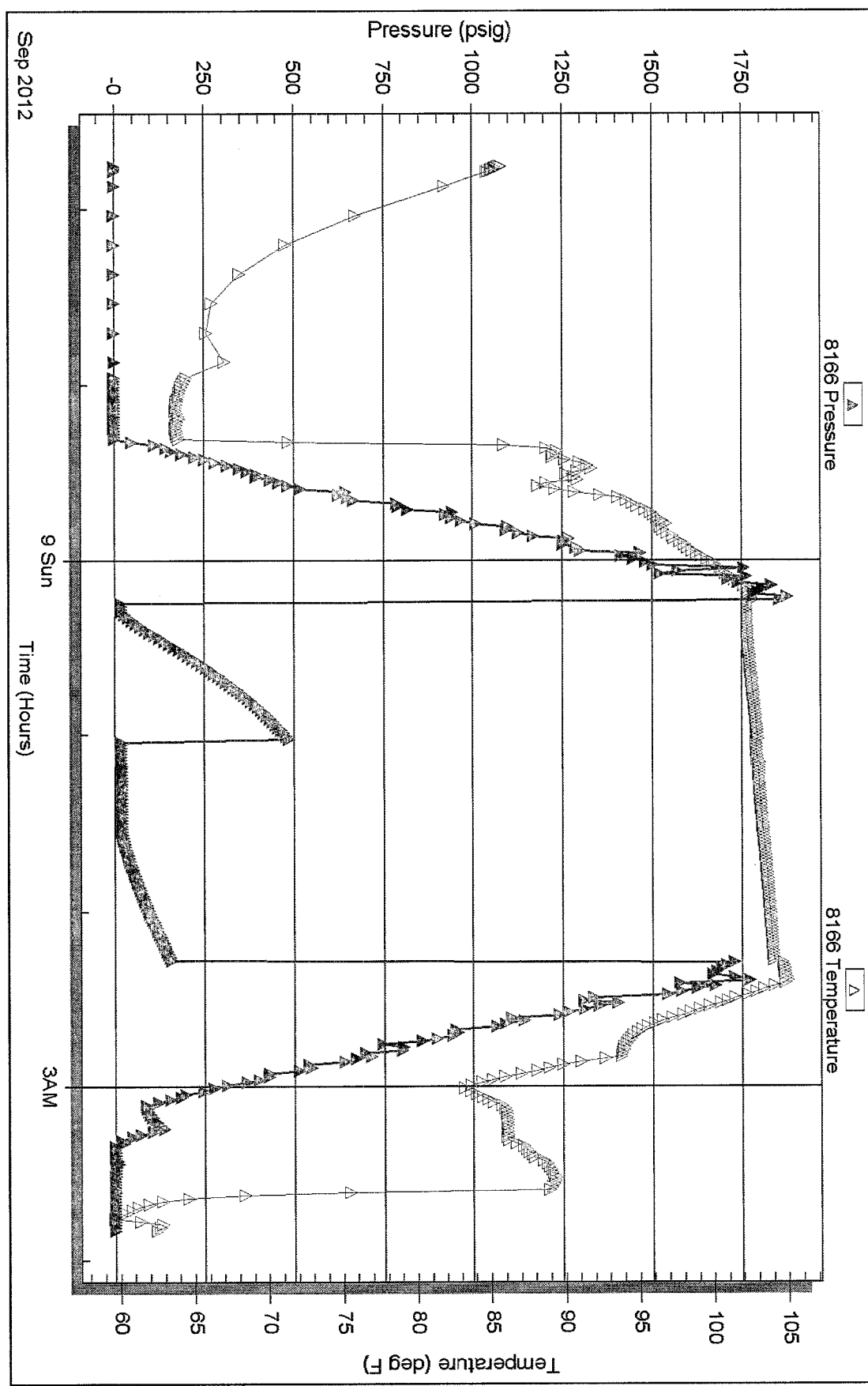
Inside

Che-Mar Oil Company

Hadley #1

DST Test Number: 2

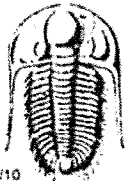
### Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 48568

Printed: 2012.09.12 @ 09:41:43



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 48567

Well Name & No. Hadley #1 Test No. 1 Date 9/8/12  
 Company C19-Mar Oil, Company Elevation 2056 KB 2048 GL  
 Address PO Box 1197 Hays KS 67601  
 Co. Rep / Geo. Roger Fisher Rig Royal #2  
 Location: Sec. 31 Twp. 11 Rge. 17 Co. Ellis State KS

Interval Tested 3420 - 3512 Zone Tested KC<sup>11</sup>H-K<sup>11</sup>  
 Anchor Length 92 Drill Pipe Run 3413 Mud Wt. 8.8  
 Top Packer Depth 3415 Drill Collars Run --- Vis 49  
 Bottom Packer Depth 3420 Wt. Pipe Run --- WL 8.8  
 Total Depth 3512 Chlorides 3,000 ppm System LCM ---

Blow Description IF - in blow  
ISI - No blow  
FF - No blow flush tool west surface blow died in 15 min  
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>oil spotted 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 10 BHT 102 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1,665  Test 1150 T-On Location 6:10  
 (B) First Initial Flow 19  Jars \_\_\_\_\_ T-Started 6:35  
 (C) First Final Flow 19  Safety Joint \_\_\_\_\_ T-Open 8:47  
 (D) Initial Shut-In 954  Circ Sub \_\_\_\_\_ T-Pulled 10:50  
 (E) Second Initial Flow 20  Hourly Standby \_\_\_\_\_ T-Out 12:05  
 (F) Second Final Flow 23  Mileage 40 RT 62 Comments \_\_\_\_\_  
 (G) Final Shut-In 304  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1,636  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 3  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Initial Shut-In 45  Day Standby \_\_\_\_\_ Total 1212  
 Final Flow 30  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 45 Sub Total 1212

Approved By \_\_\_\_\_ Our Representative [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.



4/10

# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 48566

Well Name & No. Hadley #1 Test No. 2 Date 9/8/12  
 Company Ch-Mar Oil, Company Elevation 2056 KB 2048 GL  
 Address PO Box 1197 Hays KS 67601  
 Co. Rep / Geo. Roger Fisher Rig Royal #2  
 Location: Sec. 31 Twp. 11 Rge. 17 Co. Ellis State KS

Interval Tested 3544-3603 Zone Tested Arb.  
 Anchor Length 59 Drill Pipe Run 3539 Mud Wt. 9.3  
 Top Packer Depth 3539 Drill Collars Run — Vis 53  
 Bottom Packer Depth 3544 Wt. Pipe Run — WL 9.6  
 Total Depth 3603 Chlorides 3,000 ppm System LCM  
 Blow Description IF - 3/4 in blow  
IS2 - No blow  
FF - No blow flush top  
FSE - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<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 5 BHT 105 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1,857  Test 1150 T-On Location 22:20  
 (B) First Initial Flow 17  Jars T-Started 21:45  
 (C) First Final Flow 17  Safety Joint T-Open 23:55  
 (D) Initial Shut-In 487  Circ Sub T-Pulled 1:58  
 (E) Second Initial Flow 18  Hourly Standby T-Out 3:35  
 (F) Second Final Flow 22  Mileage 40-T X 2<sup>124</sup> Comments lost tools  
 (G) Final Shut-In 158  Sampler  
 (H) Final Hydrostatic 1,717  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer  
 Extra Packer  Extra Copies  
 Initial Open 3  Extra Recorder Sub Total 0  
 Initial Shut-In 45  Day Standby Total 1274  
 Final Flow 30  Accessibility MP/DST Disc't  
 Final Shut-In 45 Sub Total 1274

Approved By \_\_\_\_\_ Our Representative [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.