



KANSAS CORPORATION COMMISSION 1085511  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

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

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

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

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- 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: \_\_\_\_\_



1085511

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Chieftain Oil Co., Inc.
Well Name	Millie A 1
Doc ID	1085511

All Electric Logs Run

Geological Log
Dual Compensated Log
Dual Induction Log
Sector Bond / Gamma Ray CCL Log

Form	ACO1 - Well Completion
Operator	Chieftain Oil Co., Inc.
Well Name	Millie A 1
Doc ID	1085511

Tops

Name	Top	Datum
Heebner	3718	-2397
Toronta	3728	-2407
Kansas City	4306	-2985
Hush Sh.	4493	-3172
Cherokee Sh.	4696	-3375
Mississippian	4799	-3478
Kinderhook	5087	-3766
Chat. Sh.	5150	-3829
Woodford Sh.	5168	-3847
Viola	5224	-3903
Simpson	5334	-4013
Arbuckle	5525	-4204
Total Depth	5573	



PAGE	CUST NO	INVOICE DATE
1 of 1	1000719	01/10/2012
INVOICE NUMBER		
1718 - 90798192		

Pratt (620) 672-1201  
 B CHIEFTAIN OIL COMPANY  
 I PO Box: 124  
 L KIOWA  
 L KS US 67070  
 T  
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Miller A 1  
 O LOCATION  
 B COUNTY Barber  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T  
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40415983	19905		Net - 30 days	02/09/2012
<b>For Service Dates: 01/08/2012 to 01/08/2012</b>				
0040415983				
171805654A Cement-New Well Casing/Pi 01/08/2012				
Cement 13 3/8" Conductor				
60/40 POZ				
Cello-flake(POLEFLAKE-C)				
Calcium Chloride				
Heavy Equipment Mileage				
Proppant and Bulk Delivery Charge				
Blending & Mixing Service Charge				
Unit Mileage Charge-Pickups, Vans & Cars				
Depth Charge; 0-500'				
Service Supervisor				
	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
	325.00	EA	9.48	3,081.00
	82.00	EA	2.92	239.69
	840.00	EA	0.83	696.78
	110.00	MI	5.53	608.30
	770.00	MI	1.26	973.28
	325.00	MI	1.11	359.45
	55.00	HR	3.36	184.66
	1.00	HR	790.00	790.00
	1.00	HR	138.25	138.25

~~PAID~~  
 JAN 17 2012  
 9121 BC

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	7,071.41
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	293.28
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	7,364.69
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 05654 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB 01-08-12 DISTRICT PRATT KS		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:						
CUSTOMER CHIEFTAIN OIL CO.		LEASE Miller A 1 WELL NO.						
ADDRESS		COUNTY BARBER STATE KS						
CITY STATE		SERVICE CREW Sullivan, McCracken, Young						
AUTHORIZED BY		JOB TYPE: CPW 13 3/8 CONDUIT						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 01-07-12 DATE	AM	TIME
19889-19905	30					ARRIVED AT JOB 01-08-12	AM	10:00
19832-21010	25					START OPERATION	AM	3:20
37900						FINISH OPERATION	AM	7:45
						RELEASED	AM	3:30
						MILES FROM STATION TO WELL		55

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 103	60/40 DOZ cmt	SK	325		3,900.00
CL 102	Call/brake	LB	92		203.40
CL 109	Calcium chloride	LB	840		682.00
E 100	pickup engine	CV	55		233.75
C 101	Hydro pump engine	CV	110		770.00
C 113	Bucket Alkeng	TM	770		1,232.00
CE 200	Depth drive 0-500'	SA	1		1,000.00
CF 240	Blowing - King	SK	325		435.00
S 003	Sanding Supreme	EA	1		175.00

CHEMICAL / ACID DATA:			

SUB TOTAL		DLS	2,071.41
SERVICE & EQUIPMENT	% TAX ON \$		
MATERIALS	% TAX ON \$		
TOTAL			

SERVICE REPRESENTATIVE: \_\_\_\_\_ THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: \_\_\_\_\_  
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. \_\_\_\_\_

Customer <i>Chickfain Oil</i>	Lease No.	Date <i>01-09-12</i>	
Lease <i>2111111</i>	Well # <i>W-1</i>		
Field Order # <i>5054</i>	Station <i>PRATT KS</i>	Casing <i>13 3/8</i>	Depth <i>289'</i>
Type Job <i>CNW 13 3/8 Cond. treat.</i>	Formation	County <i>BARBER</i>	State <i>KS</i>
		Legal Description <i>13-35-11</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>13 3/8</i>								
Depth <i>289'</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>42</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press <i>500</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <i>Swirl</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>274'</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Sullivan</i>
-------------------------	--------------------------------------	-----------------------------------

Service Units	<i>2700</i>	<i>19809</i>	<i>19905</i>	<i>19832</i>	<i>21010</i>				
Driver Names	<i>Sullivan</i>	<i>McClung</i>	<i>Young</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					<i>on loc Sat, meet</i>
					<i>Ran 8 S.T.S 13 3/8 ccs.</i>
<i>2:10</i>					<i>CASING ON BOTTOM</i>
<i>2:15</i>					<i>Hook Up To circ.</i>
<i>2:20</i>	<i>300</i>		<i>3</i>	<i>3</i>	<i>St. 1/2" acc</i>
				<i>4.5</i>	<i>MIX CNT 32.5 SK 60/40 202 P14.80</i>
			<i>70</i>		<i>cnt mixed</i>
				<i>3.5</i>	<i>St. 1/2" acc</i>
<i>2:45</i>			<i>42</i>		<i>plug down</i>
					<i>circulated 5 BBL CNT TO PIT</i>
					<i>JOB complete</i>
					<i>Thank you</i>



PAGE	CUST NO	INVOICE DATE
1 of 1	1000719	01/11/2012
INVOICE NUMBER		
1718 - 90798464		

Pratt (620) 672-1201  
 B CHIEFTAIN OIL COMPANY  
 I PO Box: 124  
 L KIOWA  
 L KS US 67070  
 T  
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Miller A 1  
 O LOCATION  
 B COUNTY Barber  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40416182	27463		Net - 30 days	02/10/2012
			UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 01/09/2012 to 01/09/2012</i>				
<del>ENTERED</del> JAN 17 2012 912/BC				
0040416182				
171805513A				
8 5/8" Surface Pipe				
A-Con Blend Common		175.00 EA	14.22	2,488.43 T
Common		250.00 EA	12.64	3,159.92 T
Cello-flake		88.00 EA	2.92	257.22 T
Calcium Chloride		1,203.00 EA	0.83	997.86 T
Cement Gel		330.00 EA	0.20	65.17 T
Top Rubber Cement Plug 8 5/8"		1.00 EA	177.75	177.75
8 5/8" Basket (Blue)		1.00 EA	248.84	248.84
Unit Mileage Charge-Pickups, Vans & Cars		55.00 HR	3.36	184.66
Heavy Equipment Mileage		110.00 MI	5.53	608.28
Proppant and Bulk Delivery Charges		1,103.00 MI	1.26	1,394.15
Depth Charge; 501-1000'		1.00 HR	947.97	947.97
Blending & Mixing Service Charge		425.00 MI	1.11	470.04
Plug Container Utilization Charge		1.00 EA	197.49	197.49
Supervisor		1.00 HR	138.25	138.25

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	11,336.03
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	508.71
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	11,844.74
DALLAS, TX 75284-1903	MIDLAND, TX 79702		







Customer <b>CHIEFTAIN OIL</b>	Lease No.	Date <b>1-9-2012</b>
Lease <b>MILLER 'A'</b>	Well # <b>1</b>	
Field Order # <b>05513</b>	Station <b>PRATT, KS.</b>	Casing <b>5 1/8"</b>
Type Job <b>CNW - 8 5/8" S.P.</b>	Formation <b>TD = 729'</b>	Depth
		County <b>BARBER</b>
		State <b>KS.</b>
		Legal Description <b>15-35-11</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>8 1/8" x 24"</b>	Tubing Size	Shots/Ft	<b>CMT -</b>	Acid <b>175SK A-CON</b>		RATE	PRESS	ISIP
Depth <b>126.66'</b>	Depth	From	To	Pre Pad <b>@ 2.12 CUFT<sup>3</sup></b>	Max			5 Min.
Volume <b>76.21 BBL</b>	Volume	From	To	Pad <b>175SK COMMON</b>	Min			10 Min.
Max Press <b>500</b>	Max Press	From	To	Frac <b>@ 1.34 CUFT<sup>3</sup></b>	Avg			15 Min.
Well Connection <b>P.C.</b>	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth <b>106</b>	Packer Depth	From	To	Flush <b>45 BBL</b>	Gas Volume			Total Load

Customer Representative <b>RON MOLZ</b>	Station Manager <b>D. SCOTT</b>	Treater <b>K. LESLEY</b>
Service Units <b>37586 27463 19831 19862</b>		
Driver Names <b>LESLEY LAURENCE HUNTER</b>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6:30AM					ON LOCATION - SAFETY MEETING
7:15AM					SPOT TRUCKS ON LOCATION
7:15AM					RUN 17 JTS. @ 5 1/8" x 24" CSG.
?					BASK - # 12
10:30AM					CSG. ON BOTTOM
10:35AM					HOOKUP TO CSG. / BREAK CIRC. W/ RIG
11:10AM	350		5	6	H2O AHEAD
11:12AM	300		66	6	MIX 175SK A-CON @ 12.6 PPG
11:23AM	250		42	6	MIX 175SK COMMON @ 15.0 PPG
11:30AM					SHUT DOWN - RELEASE PLUG
11:33AM	0		0	4	START DISPLACEMENT
11:43AM	300		35	3	SLOW RATE
11:45AM	350		45	3	PLUG DOWN - CLOSE MANIFOLD
					CIRC. THRU JOB
					<del>NO CMT IN CELL</del>
4:30PM			15 BBL - 75 SKS		1" W/ 2 JTS. - FILLED CELLAR
					JOB COMPLETE,
					THANKS -
					KEVIN LESLEY



PAGE	CHIT NO	INVOICE DATE
1 of 1	1000719	01/23/2012
INVOICE NUMBER		
1718 - 90809247		

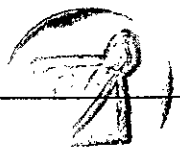
Pratt (620) 672-1201  
 B CHIEFTAIN OIL COMPANY  
 I PO Box: 124  
 L KIOWA  
 L KS US 67070  
 T  
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Millie A-1  
 O LOCATION  
 B COUNTY Barber  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40420729	27463		Net - 30 days	02/22/2012
<b>For Service Dates: 01/20/2012 to 01/20/2012</b>				
0040420729				
171805637A Cement-New Well Casing/Pi 5 1/2" Longstring				
AA2 Cement		275.00 EA	13.43	3,693.34 T
C-41P		52.00 EA	3.16	164.32 T
Salt		1,364.00 EA	0.40	538.79 T
C-44		259.00 EA	4.07	1,053.76 T
FLA-322		208.00 EA	5.93	1,232.43 T
Gilsonite		1,375.00 EA	0.53	727.80 T
Claymax KCL Substitute		5.00 EA	27.65	138.25 T
Mud Flush		500.00 EA	0.68	339.71 T
Super Flush II		500.00 EA	1.21	604.36 T
Latch Down Plug & Baffle 5 1/2" (Blue)		1.00 EA	316.01	316.01
Auto Fill Float Shoe 5 1/2" (Blue)		1.00 EA	284.41	284.41
Turbolizer 5 1/2" (Blue)		7.00 EA	86.90	608.31
5 1/2" Basket (Blue)		2.00 EA	229.11	458.21
Unit Mileage Charge-Pickups, Vans & Cars		55.00 HR	3.36	184.67
Heavy Equipment Mileage		110.00 MI	5.53	608.31
Proppant and Bulk Delivery Charges		712.00 MI	1.26	899.99
Depth Charge; 5001-6000'		1.00 HR	2,275.25	2,275.25
Blending & Mixing Service Charge		275.00 MI	1.11	304.16
Plug Container Utilization Charge		1.00 EA	197.50	197.50
Supervisor		1.00 HR	138.25	138.25

**PAID**  
 JAN 26 2012  
 9121BC

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	14,767.83
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	619.97
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	15,387.80
DALLAS, TX 75284-1903	MIDLAND, TX 79702		





**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET

1718 05637 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB: 1-20-12 DISTRICT: Pratt		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER: Chiofain Oil		LEASE: Millie WELL NO. A.1								
ADDRESS:		COUNTY: Barber STATE: KS								
CITY: STATE:		SERVICE CREW: Orlando, Mitchell, McCaskey, P. Hye.								
AUTHORIZED BY:		JOB TYPE: C New 5 1/2" L.S.								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
07283	1						1-20-12			7:00
27463	1					ARRIVED AT JOB				10:00
19A60-19918	1					START OPERATION				5:00
						FINISH OPERATION				6:00
						RELEASED				6:30
						MILES FROM STATION TO WELL				55

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AA2	SK	225		3825.00
CP105	AA2	SK	50		850.00
CC105	C-41P	Lb	52		208.00
CC111	Salt	Lb	1364		622.00
CC115	C-44	Lb	259		1333.85
CC129	FLA-322	Lb	208		1560.00
CC201	Gilsonite	Lb	1375		961.25
CF607	Latch Down Plug + Nut 5/8"	ea	1		400.00
CF1251	Auto Kill Float 5/8" 5/8"	ea	1		360.00
CF1651	Turbolizer 5/8"	ea	7		770.00
CF1901	5/8 Basket	ea	2		580.00
C704	Claymat	Gal	5		175.00
CC151	Mud Flush	Gal	500		430.00
CC155	Super Flush II	Gal	500		765.00

SUB TOTAL  
NLS 14767.83

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: \_\_\_\_\_ THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: \_\_\_\_\_

FIELD SERVICE ORDER NO. \_\_\_\_\_ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)



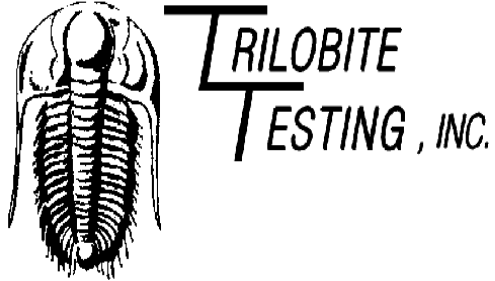
Customer Chickadee (11)	Lease No.	Date 1/25/11	
Lease M-111	Well # A-1		
Field Order # 3137	Station M-111	Casing 5 7/8" ID	Depth 536'
Type Job C-111 51, 2, 3	Formation	County	State KS
			Legal Description 15.35-11

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
			22'	Pre Pad			5 Min.	
Depth	Depth	From	To	Pad	Max		10 Min.	
Volume	Volume	From	To	Frac	Min		15 Min.	
Max Press	Max Press	From	To	Flush	Avg		HHP Used	
Well Connection	Annulus Vol.	From	To		Gas Volume		Annulus Pressure	
Plug Depth	Packer Depth	From	To				Total Load	

Customer Representative R. H. H. H.	Station Manager D. H. H. H.	Treater S. H. H. H.
--	--------------------------------	------------------------

Service Units 22'	1998	27423							
Driver Names C. H. H. H.									

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:00					Dr. Location - Sand Injection
					Run 1500' 2 1/2" ID Casing
					Connect tubing joint, 300' out
					Prod. 2-12' casing, 4 3/4" ID (17' 18")
					SD. 2-12' casing, 14' 2-1/2" ID
11:00					Connect tubing joint, 300' out
			15	5	Monitor
			3	5	11:20
			12	5	2:00
			3	5	11:40
			57	5	Run 22' casing, 15' 1/2" ID @ 15#/c
			8		2:15
	4120		85		2:30
	320		150		3:00
6:00	1800		1315	41	Plug 22' casing (11')



## DRILL STEM TEST REPORT

Prepared For: **Chieftain Oil Co.Inc.**

PO Box 124  
Kiowa KS 67070

ATTN: David Barker

**Millie A#1**

**15-35s-11w Barber,KS**

Start Date: 2012.01.17 @ 00:19:35

End Date: 2012.01.17 @ 08:48:35

Job Ticket #: 44100                      DST #: 1

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

Printed: 2012.01.25 @ 14:06:36



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Chieftain Oil Co. Inc.

**15-35s-11w Barber, KS**

PO Box 124  
Kiowa KS 67070

**Millie A#1**

Job Ticket: 44100

**DST#: 1**

ATTN: David Barker

Test Start: 2012.01.17 @ 00:19:35

## GENERAL INFORMATION:

Formation: **Misener**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:24:20

Time Test Ended: 08:48:35

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

**Interval: 5056.00 ft (KB) To 5191.00 ft (KB) (TVD)**

Reference Elevations: 1418.00 ft (KB)

Total Depth: 5191.00 ft (KB) (TVD)

1410.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 8.00 ft

**Serial #: 8167 Inside**

Press @ Run Depth: 40.26 psig @ 5057.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.17

End Date:

2012.01.17

Last Calib.:

2012.01.17

Start Time: 00:19:36

End Time:

08:48:35

Time On Btm:

2012.01.17 @ 02:22:50

Time Off Btm:

2012.01.17 @ 06:20:20

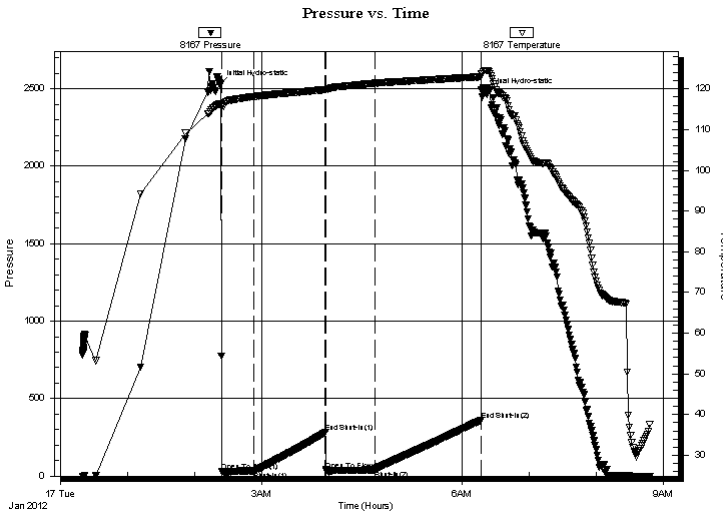
TEST COMMENT: IF: Fair blow . Increase to 10".

IS: No blow .

FF: Fair blow . 4 - 13".

FS: No blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2529.68	116.36	Initial Hydro-static
2	31.01	115.89	Open To Flow (1)
31	30.19	118.15	Shut-In(1)
95	282.14	119.81	End Shut-In(1)
95	35.87	119.77	Open To Flow (2)
139	40.26	121.39	Shut-In(2)
234	361.19	122.99	End Shut-In(2)
238	2476.05	124.46	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	Drig. mud	0.25
0.00	390 ft. of GIP	0.00

## Gas Rates

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







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Chieftain Oil Co. Inc.

**15-35s-11w Barber, KS**

PO Box 124  
Kiowa KS 67070

**Millie A#1**

Job Ticket: 44100

**DST#: 1**

ATTN: David Barker

Test Start: 2012.01.17 @ 00:19:35

## Tool Information

Drill Pipe:	Length: 4921.00 ft	Diameter: 3.80 inches	Volume: 69.03 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: 24000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 104000.0 lb
			Total Volume: 69.64 bbl	Tool Chased 2.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	5056.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	135.00 ft			
Tool Length:	163.00 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			5029.00	
Shut in tool	5.00			5034.00	
HMV	5.00			5039.00	
Jars	5.00			5044.00	
Safety Joint	3.00			5047.00	
Packer	4.00			5051.00	28.00 Bottom Of Top Packer
Packer	5.00			5056.00	
Stubb	1.00			5057.00	
Recorder	0.00	8167	Inside	5057.00	
Recorder	0.00	8370	Outside	5057.00	
Perforations	7.00			5064.00	
Blank Spacing	122.00			5186.00	
Bullnose	5.00			5191.00	135.00 Bottom Packers & Anchor

**Total Tool Length: 163.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Chieftain Oil Co.Inc.

**15-35s-11w Barber,KS**

PO Box 124  
Kiowa KS 67070

**Millie A#1**

Job Ticket: 44100

**DST#: 1**

ATTN: David Barker

Test Start: 2012.01.17 @ 00:19:35

## 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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 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 bbl
50.00	Drig.mud	0.246
0.00	390 ft.of GIP	0.000

Total Length: 50.00 ft      Total Volume: 0.246 bbl

Num Fluid Samples: 0

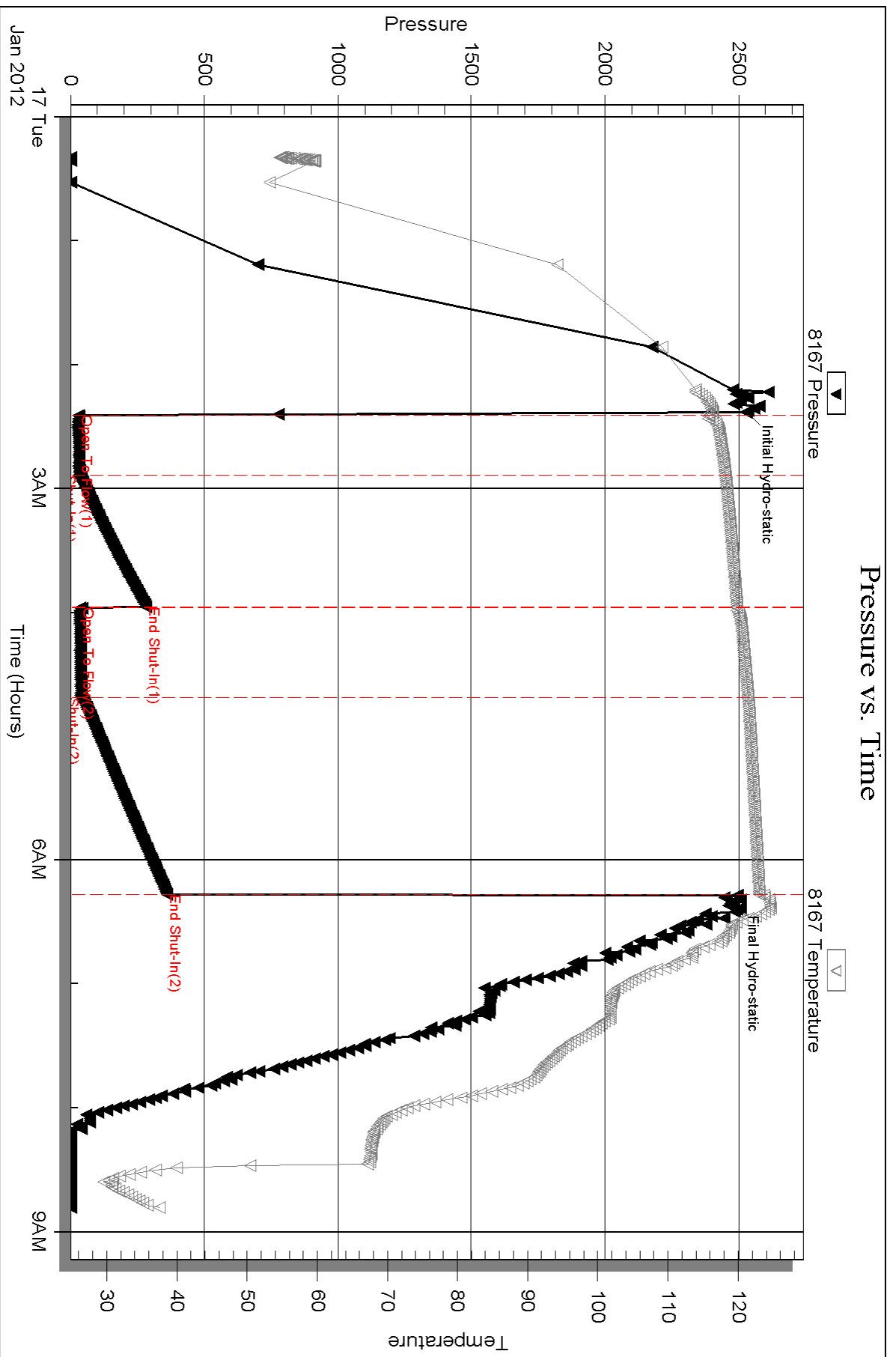
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

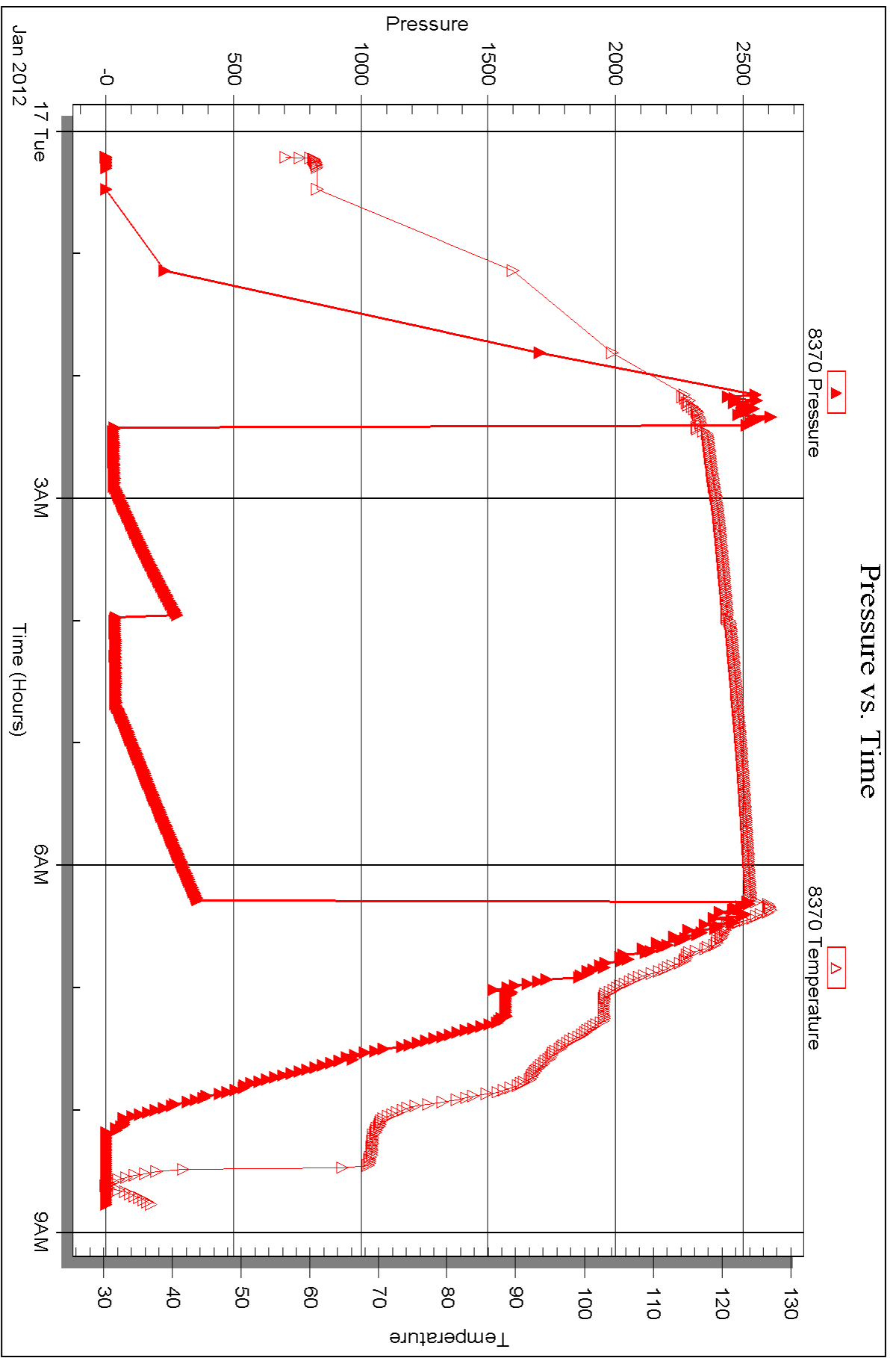


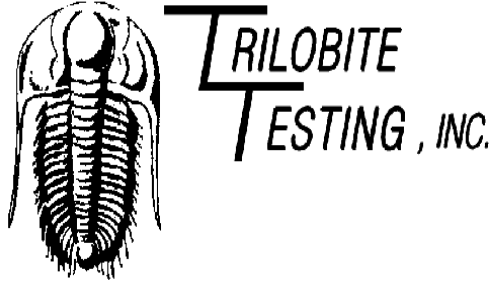
Serial #: 8370

Outside Chieftain Oil Co. Inc.

Millie A#1

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Chieftain Oil Co.Inc.**

PO Box 124  
Kiowa KS 67070

ATTN: David Barker

**Millie A#1**

**15-35s-11w Barber,KS**

Start Date: 2012.01.18 @ 04:10:59

End Date: 2012.01.18 @ 13:26:44

Job Ticket #: 44101                      DST #: 2

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

Printed: 2012.01.25 @ 14:04:57



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Chieftain Oil Co. Inc.

**15-35s-11w Barber, KS**

PO Box 124  
Kiowa KS 67070

**Millie A#1**

Job Ticket: 44101

**DST#: 2**

ATTN: David Barker

Test Start: 2012.01.18 @ 04:10:59

## GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:56:59

Time Test Ended: 13:26:44

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

**Interval: 5322.00 ft (KB) To 5350.00 ft (KB) (TVD)**

Reference Elevations: 1418.00 ft (KB)

Total Depth: 5350.00 ft (KB) (TVD)

1410.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 8.00 ft

**Serial #: 8167**

**Inside**

Press @ Run Depth: 27.35 psig @ 5323.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.18

End Date:

2012.01.18

Last Calib.:

2012.01.18

Start Time: 04:11:00

End Time:

13:26:44

Time On Btm:

2012.01.18 @ 06:55:29

Time Off Btm:

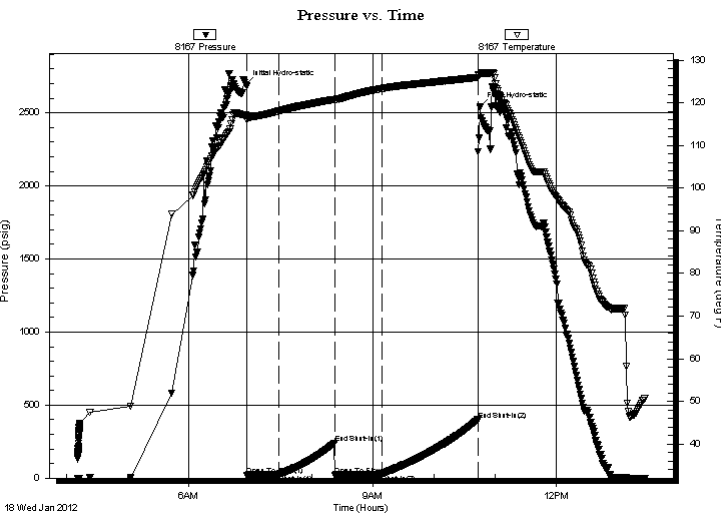
2012.01.18 @ 10:45:14

TEST COMMENT: IF: Weak blow . 3/4 - 1/2".

IS: No blow .

FF: Weak blow . 2 - 5".

FS: No blow .



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2694.56	117.06	Initial Hydro-static
2	20.67	116.04	Open To Flow (1)
33	23.42	118.00	Shut-In(1)
88	238.77	120.77	End Shut-In(1)
88	19.67	120.74	Open To Flow (2)
134	27.35	123.31	Shut-In(2)
228	399.92	125.94	End Shut-In(2)
230	2541.03	126.64	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
35.00	SOCM 2%o 98%m	0.17
0.00	185 ft. of GIP	0.00

\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Chieftain Oil Co. Inc.

**15-35s-11w Barber, KS**

PO Box 124  
Kiowa KS 67070

**Millie A#1**

Job Ticket: 44101

**DST#: 2**

ATTN: David Barker

Test Start: 2012.01.18 @ 04:10:59

## Tool Information

Drill Pipe:	Length: 5201.00 ft	Diameter: 3.80 inches	Volume: 72.96 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: 24000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 126000.0 lb
			<u>Total Volume: 73.57 bbl</u>	Tool Chased 3.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 73000.00 lb
Depth to Top Packer:	5322.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	56.00 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			5295.00	
Shut in tool	5.00			5300.00	
HMV	5.00			5305.00	
Jars	5.00			5310.00	
Safety Joint	3.00			5313.00	
Packer	4.00			5317.00	28.00 Bottom Of Top Packer
Packer	5.00			5322.00	
Stubb	1.00			5323.00	
Recorder	0.00	8167	Inside	5323.00	
Recorder	0.00	8370	Outside	5323.00	
Perforations	22.00			5345.00	
Bullnose	5.00			5350.00	28.00 Bottom Packers & Anchor

**Total Tool Length: 56.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Chieftain Oil Co.Inc.

**15-35s-11w Barber,KS**

PO Box 124  
Kiowa KS 67070

**Millie A#1**

Job Ticket: 44101

**DST#: 2**

ATTN: David Barker

Test Start: 2012.01.18 @ 04:10:59

## 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:

5000 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
35.00	SOCM2%o 98%m	0.172
0.00	185 ft.of GIP	0.000

Total Length: 35.00 ft      Total Volume: 0.172 bbl

Num Fluid Samples: 0

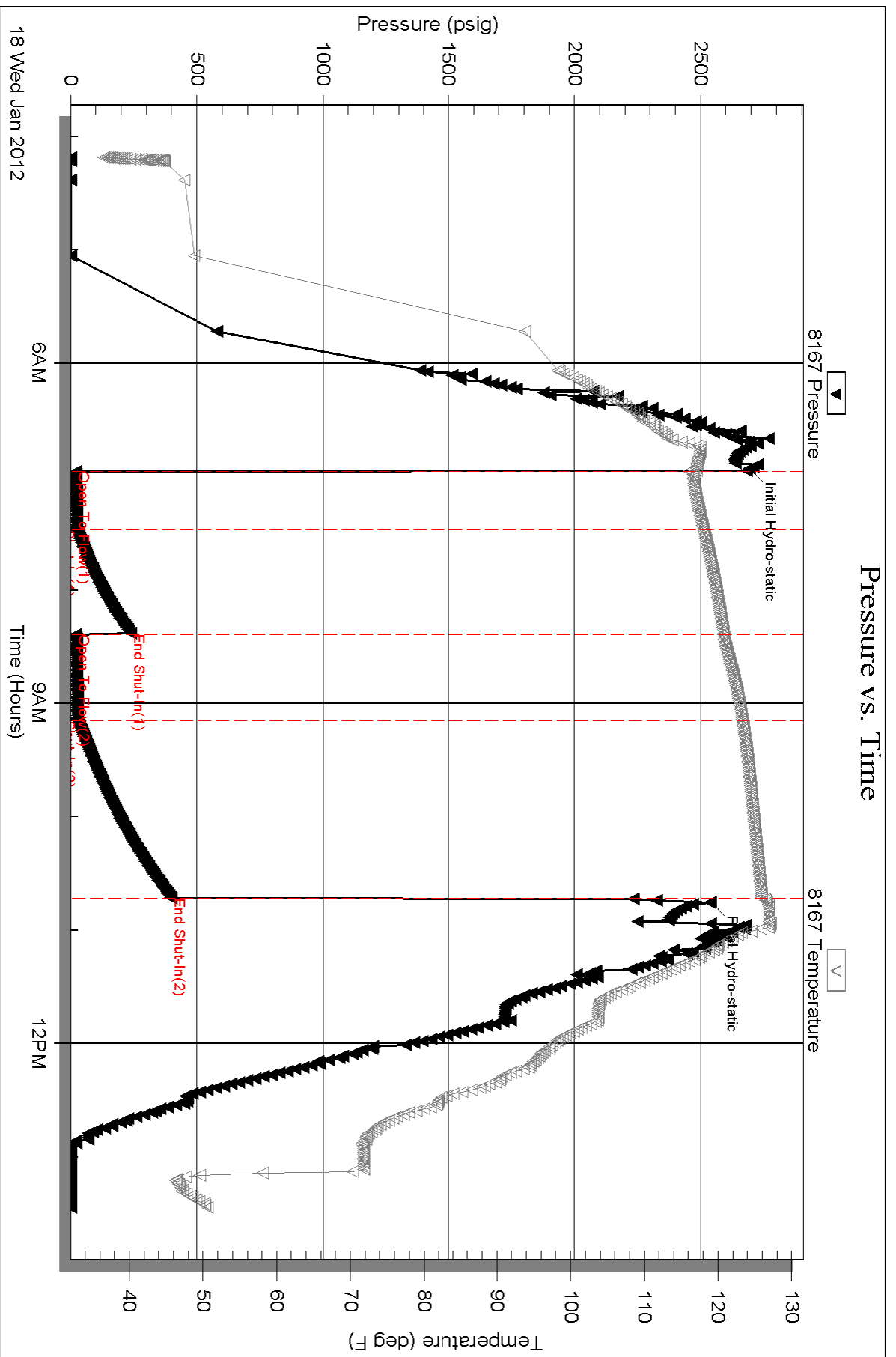
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

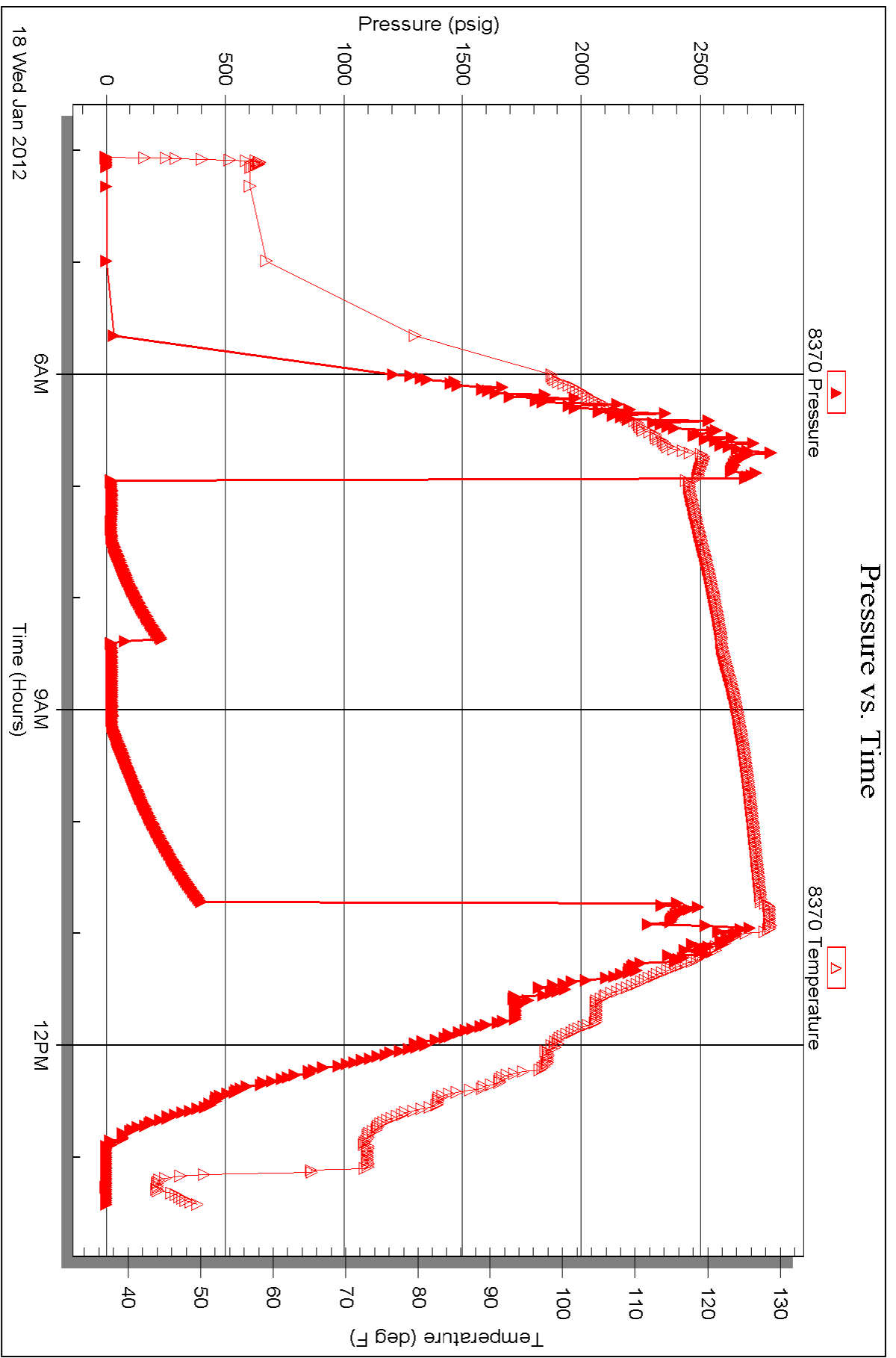


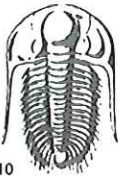
Serial #: 8370

Outside Chieftain Oil Co. Inc.

Miller A#1

DST Test Number: 2





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
JAN 24 2012  
BY:

## Test Ticket

NO. 44100

Well Name & No. MILLIE #1 Test No. 1 Date 1-17-12  
 Company CHIEFTAIN OIL CO. INC. Elevation 1418 KB 1410 GL  
 Address 605 S. 6TH, P.O. BOX 124, KIOWA KS. 67070  
 Co. Rep / Geo. DAVID BARBER Rig Fossil Drill. II A  
 Location: Sec. 15 Twp. 35 S Rge. 11 W Co. BARBER State KS

Interval Tested 5056 - 5191' Zone Tested MESQUER  
 Anchor Length 135' Drill Pipe Run 4921' Mud Wt. 9.2  
 Top Packer Depth 5051' Drill Collars Run 124' Vis 57  
 Bottom Packer Depth 5056' Wt. Pipe Run 0 WL 8.0cc  
 Total Depth 5191' Chlorides 4,000 ppm System LCM 6th  
 Blow Description IF: FAIR BLOW, INCREASE TO 10" - FSI, NO BLOW.

FF: FAIR BLOW, 4-13" FSI, NO BLOW.

Rec	Feet of	%gas	%oil	%water	%mud
<u>390</u>	<u>Core in pipe</u>				
<u>50</u>	<u>Drilg. Mud.</u>				

Rec Total 50' FLOWN BHT 123° Gravity N/A API RW NC. @ ~ °F Chlorides 4,000 ppm

(A) Initial Hydrostatic 2530  Test 1325' T-On Location 2317  
 (B) First Initial Flow 31  Jars 255 T-Started 0019  
 (C) First Final Flow 30  Safety Joint 75' T-Open 0224  
 (D) Initial Shut-In 282  Circ Sub \_\_\_\_\_ T-Pulled .0614  
 (E) Second Initial Flow 36  Hourly Standby \_\_\_\_\_ T-Out 0848  
 (F) Second Final Flow 40  Mileage (114) 159.60 Comments \_\_\_\_\_  
 (G) Final Shut-In 361  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2476  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1809.60  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1809.60

Approved By [Signature] 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.



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
JAN 24 2012

## Test Ticket

NO. 44101

Well Name & No. MILLIE A#1 Test No. 2 Date 1-18-12  
 Company CHESTNUT OIL CO. INC. Elevation 1418 KB 1410 GL  
 Address 605 S. 6<sup>TH</sup> P.O. Box 124, KIOWA Ks. 67070  
 Co. Rep / Geo. DAVID BARKER Rig Fossil DRLG. II  
 Location: Sec. 15 Twp. 35<sup>S</sup> Rge. 11<sup>W</sup> Co. BARBER State Ks.

Interval Tested 5322 - 5350' Zone Tested SEMPSON  
 Anchor Length 28' Drill Pipe Run 5201 Mud Wt. 9.2  
 Top Packer Depth 5317' Drill Collars Run 124 Vis 61  
 Bottom Packer Depth 5322' Wt. Pipe Run 0 WL 8.8  
 Total Depth 5350' Chlorides 5,000 ppm System LCM 6<sup>th</sup>  
 Blow Description IF: WEAK BLOW. 3/4 - 1/2". ISI: No Blow.

FF: WEAK BLOW. 2-5". FSI: No Blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>185</u>	<u>Casing pipe</u>				
<u>35</u>	<u>SOCM</u>		<u>2</u>		<u>98</u>

Rec Total 35 Fluid BHT 126 Gravity N/A API RW N.C.@ °F Chlorides 5,000 ppm

(A) Initial Hydrostatic 2695  Test 1325' T-On Location 0350  
 (B) First Initial Flow 21  Jars 250' T-Started 0410  
 (C) First Final Flow 23  Safety Joint 75' T-Open 0656  
 (D) Initial Shut-In 239  Circ Sub \_\_\_\_\_ T-Pulled 1044  
 (E) Second Initial Flow 20  Hourly Standby \_\_\_\_\_ T-Out 1326  
 (F) Second Final Flow 27  Mileage (114) 159.60 Comments \_\_\_\_\_  
 (G) Final Shut-In 400  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2541  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_

Initial Open 30  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In 60  Extra Recorder \_\_\_\_\_ Sub Total 08  
 Final Flow 45  Day Standby \_\_\_\_\_ Total 1809.60  
 Final Shut-In 90  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1809.60

Approved By [Signature] 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.

