



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1157323
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1157323

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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 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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Chieftain Oil Co., Inc.
Well Name	Molz 19
Doc ID	1157323

All Electric Logs Run

Geologist Log
Micro Log
Compensated Density/Neutron Log
Dual Induction Log
Sonic Cement Bond Log

Form	ACO1 - Well Completion
Operator	Chieftain Oil Co., Inc.
Well Name	Molz 19
Doc ID	1157323

Tops

Name	Top	Datum
Heebner	3804	-2414
Lansing K.C.	4342	-2932
Cherokee	4714	-3324
Mississippian	4768	-3378
Viola	5185	-3795
Simpson	5878	-3888
Simpson Sand	5294	-3904
Arbuckle	5503	-4118
Total Depth	5565	-4175



DRILL STEM TEST REPORT

Prepared For: **Chieftain Oil Co Inc**

PO Box 124
Kiowa KS 67070

ATTN: Ron Molz/ Arden Ratz

Molz #19

2-35s-12w Barber,KS

Start Date: 2013.07.18 @ 06:06:13

End Date: 2013.07.18 @ 15:49:58

Job Ticket #: 47515 DST #: 1

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

Printed: 2013.07.22 @ 14:21:09

Chieftain Oil Co Inc
2-35s-12w Barber,KS
Molz #19
DST # 1
Mizner
2013.07.18



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Chieftain Oil Co Inc

2-35s-12w Barber,KS

PO Box 124
Kiowa KS 67070

Molz #19

Job Ticket: 47515

DST#: 1

ATTN: Ron Molz/ Arden Ratz

Test Start: 2013.07.18 @ 06:06:13

GENERAL INFORMATION:

Formation: **Mizner**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:13:28

Time Test Ended: 15:49:58

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Staats

Unit No: 47

Interval: 5093.00 ft (KB) To 5130.00 ft (KB) (TVD)

Reference Elevations: 1389.00 ft (KB)

Total Depth: 5130.00 ft (KB) (TVD)

1377.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 6773

Inside

Press @ Run Depth: 192.26 psig @ 5094.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.18

End Date:

2013.07.18

Last Calib.:

2013.07.18

Start Time: 06:06:18

End Time:

15:49:58

Time On Btm:

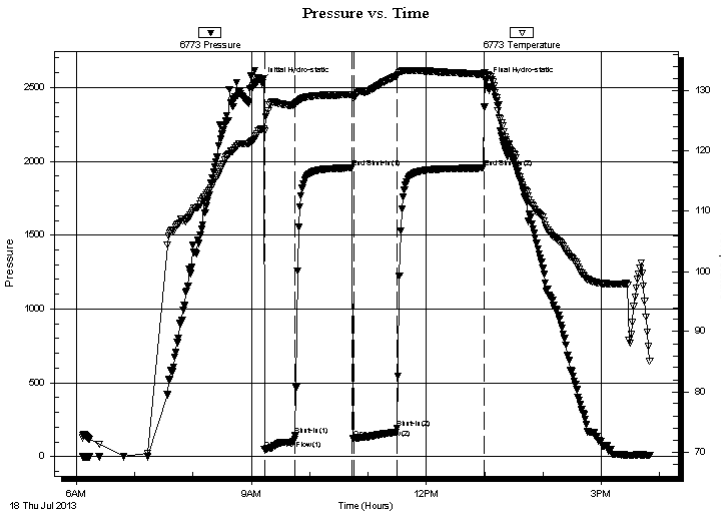
2013.07.18 @ 09:09:58

Time Off Btm:

2013.07.18 @ 13:01:13

TEST COMMENT: IF: Strong blow BOB 6 min
IS: No blow back
FF: Strong blow BOB 28 min
FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2540.81	123.64	Initial Hydro-static
4	50.75	123.34	Open To Flow (1)
35	146.41	127.85	Shut-In(1)
94	1955.77	129.38	End Shut-In(1)
96	124.94	129.04	Open To Flow (2)
140	192.26	132.55	Shut-In(2)
229	1954.84	132.83	End Shut-In(2)
232	2538.79	132.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	680' GIP	0.00
186.00	M,W 2% mud 98% w ater	1.23
120.00	M,W slight oil cut 40% mud 60% w ater	1.68
60.00	O,W,M 2% oil 8% w ater 90% mud	0.84

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Chieftain Oil Co Inc

2-35s-12w Barber,KS

PO Box 124
Kiowa KS 67070

Molz #19

Job Ticket: 47515

DST#: 1

ATTN: Ron Molz/ Arden Ratz

Test Start: 2013.07.18 @ 06:06:13

Tool Information

Drill Pipe:	Length: 4944.00 ft	Diameter: 3.80 inches	Volume: 69.35 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: 151.00 ft	Diameter: 2.25 inches	Volume: 0.74 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 70.09 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	5093.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	61.00 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			5070.00	
Shut In Tool	5.00			5075.00	
Hydraulic tool	5.00			5080.00	
Safety Joint	3.00			5083.00	
Packer	5.00			5088.00	24.00 Bottom Of Top Packer
Packer	5.00			5093.00	
Stubb	1.00			5094.00	
Recorder	0.00	8676	Outside	5094.00	
Recorder	0.00	6773	Inside	5094.00	
Perforations	2.00			5096.00	
Change Over Sub	0.50			5096.50	
Drill Pipe	30.00			5126.50	
Change Over Sub	0.50			5127.00	
Bullnose	3.00			5130.00	37.00 Bottom Packers & Anchor

Total Tool Length: 61.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chieftain Oil Co Inc

2-35s-12w Barber,KS

PO Box 124
Kiowa KS 67070

Molz #19

Job Ticket: 47515

DST#: 1

ATTN: Ron Molz/ Arden Ratz

Test Start: 2013.07.18 @ 06:06:13

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

18000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4300.00 ppm

Filter Cake: 0.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	680' GIP	0.000
186.00	M,W 2% mud 98% water	1.234
120.00	M,W slight oil cut 40% mud 60% water	1.683
60.00	O,W,M 2% oil 8% water 90% mud	0.842

Total Length: 366.00 ft

Total Volume: 3.759 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

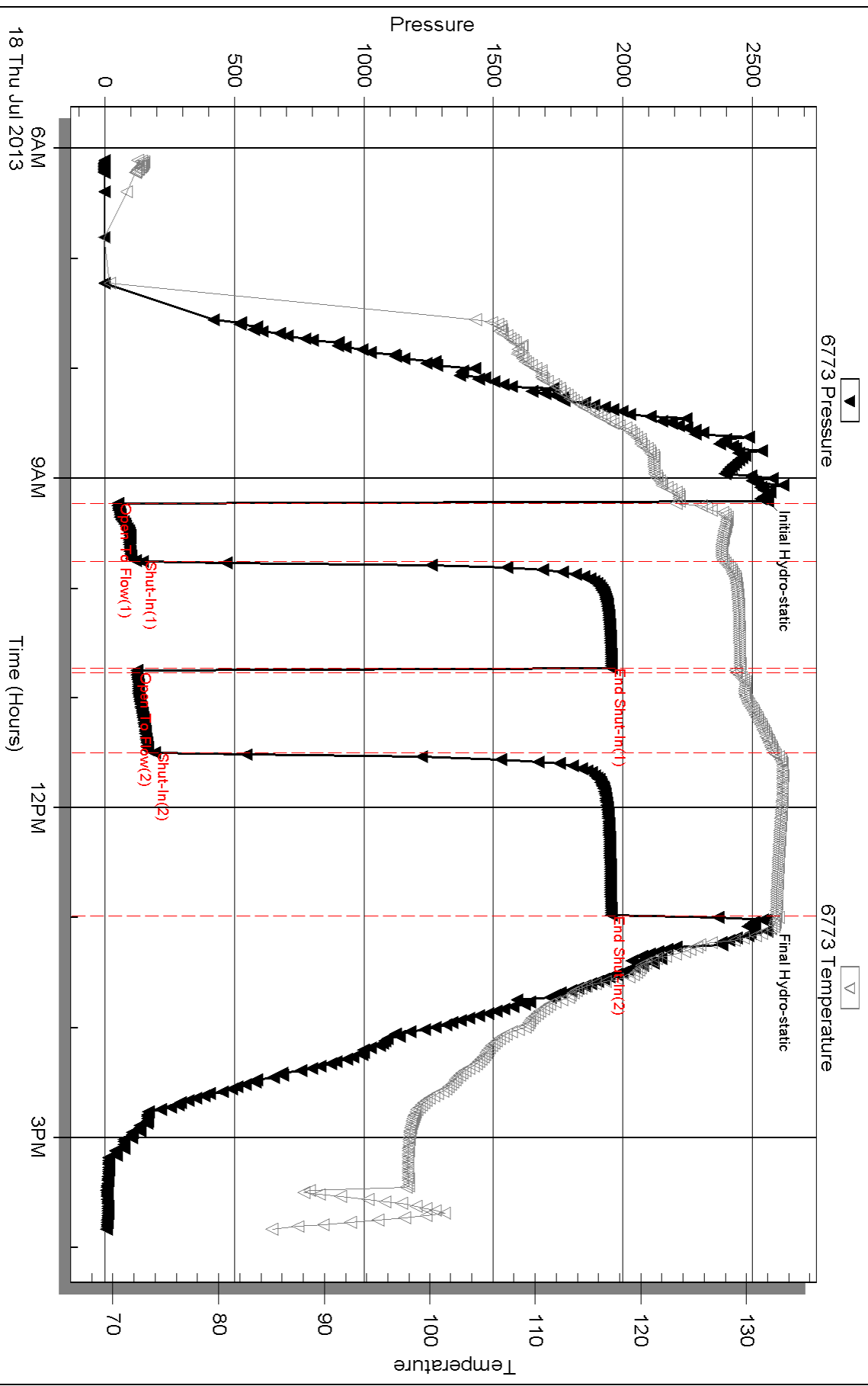
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

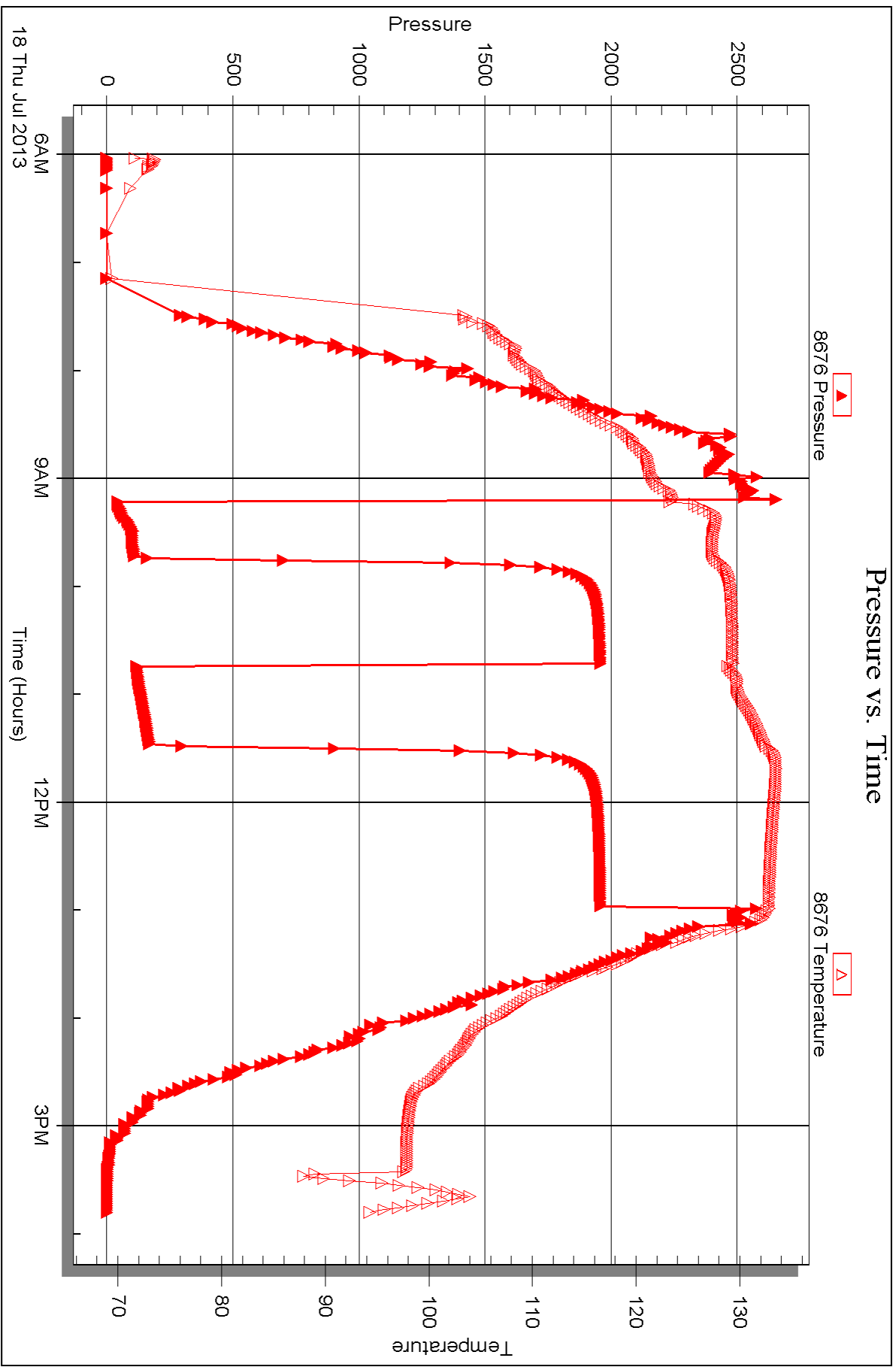


Serial #: 8676

Outside Chieftain Oil Co Inc

Molz #19

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Chieftain Oil Co Inc**

PO Box 124
Kiowa KS 67070

ATTN: Ron Molz/ Arden Ratz

Molz #19

2-35s-12w Barber,KS

Start Date: 2013.07.19 @ 14:54:01

End Date: 2013.07.20 @ 00:48:01

Job Ticket #: 47516 DST #: 2

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

Printed: 2013.07.22 @ 14:17:29



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Chieftain Oil Co Inc

2-35s-12w Barber,KS

PO Box 124
Kiowa KS 67070

Molz #19

Job Ticket: 47516

DST#: 2

ATTN: Ron Molz/ Arden Ratz

Test Start: 2013.07.19 @ 14:54:01

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:59:01

Time Test Ended: 00:48:01

Test Type: Conventional Bottom Hole (Reset)

Tester: Chris Staats

Unit No: 47

Interval: 5270.00 ft (KB) To 5299.00 ft (KB) (TVD)

Reference Elevations: 1389.00 ft (KB)

Total Depth: 5299.00 ft (KB) (TVD)

1377.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 6773

Inside

Press @ Run Depth: 247.06 psig @ 5271.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.19

End Date:

2013.07.20

Last Calib.:

2013.07.20

Start Time: 14:54:06

End Time:

00:48:01

Time On Btm:

2013.07.19 @ 17:54:31

Time Off Btm:

2013.07.19 @ 21:46:01

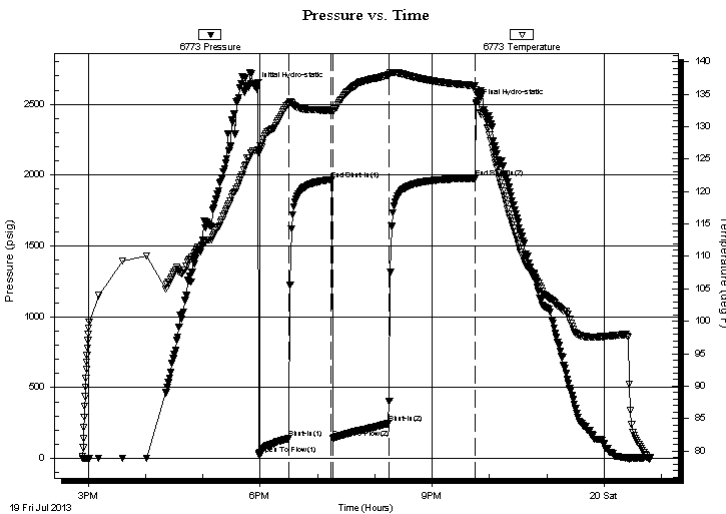
TEST COMMENT: IF: Strong blow 10 1/2 "

IS: No blow back

FF: Strong blow BOB 42 min

FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2624.10	126.33	Initial Hydro-static
5	31.83	126.15	Open To Flow (1)
36	140.05	133.57	Shut-In(1)
80	1968.78	132.51	End Shut-In(1)
82	144.09	132.27	Open To Flow (2)
140	247.06	137.98	Shut-In(2)
231	1979.13	136.33	End Shut-In(2)
232	2505.45	135.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	W,M 40% w ater 60% mud Slight Oil Cut	0.25
372.00	W,M 10% mud 90% w ater	4.30

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Chieftain Oil Co Inc

2-35s-12w Barber,KS

PO Box 124
Kiowa KS 67070

Molz #19

Job Ticket: 47516

DST#: 2

ATTN: Ron Molz/ Arden Ratz

Test Start: 2013.07.19 @ 14:54:01

Tool Information

Drill Pipe:	Length: 5124.00 ft	Diameter: 3.80 inches	Volume: 71.88 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: 151.00 ft	Diameter: 2.25 inches	Volume: 0.74 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 72.62 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	5270.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 ft			
Tool Length:	53.00 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			5247.00	
Shut In Tool	5.00			5252.00	
Hydraulic tool	5.00			5257.00	
Safety Joint	3.00			5260.00	
Packer	5.00			5265.00	24.00 Bottom Of Top Packer
Packer	5.00			5270.00	
Stubb	1.00			5271.00	
Recorder	0.00	8676	Outside	5271.00	
Recorder	0.00	6773	Inside	5271.00	
Perforations	25.00			5296.00	
Bullnose	3.00			5299.00	29.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chieftain Oil Co Inc

2-35s-12w Barber,KS

PO Box 124
Kiowa KS 67070

Molz #19

Job Ticket: 47516

DST#: 2

ATTN: Ron Molz/ Arden Ratz

Test Start: 2013.07.19 @ 14:54:01

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

94000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4700.00 ppm

Filter Cake: 0.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	W,M 40% water 60% mud Slight Oil Cut	0.246
372.00	W,M 10% mud 90% water	4.298

Total Length: 422.00 ft

Total Volume: 4.544 bbl

Num Fluid Samples: 0

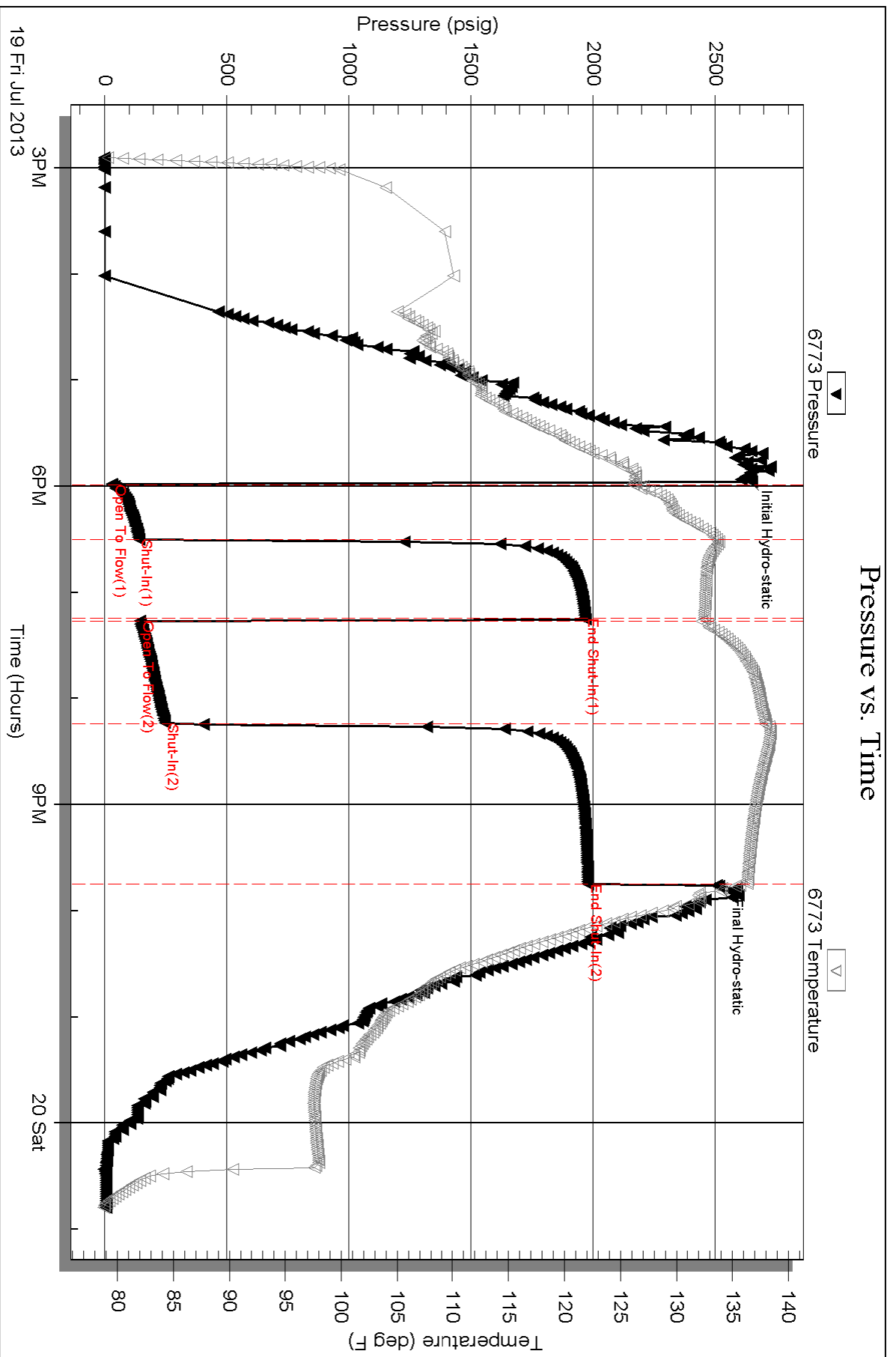
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

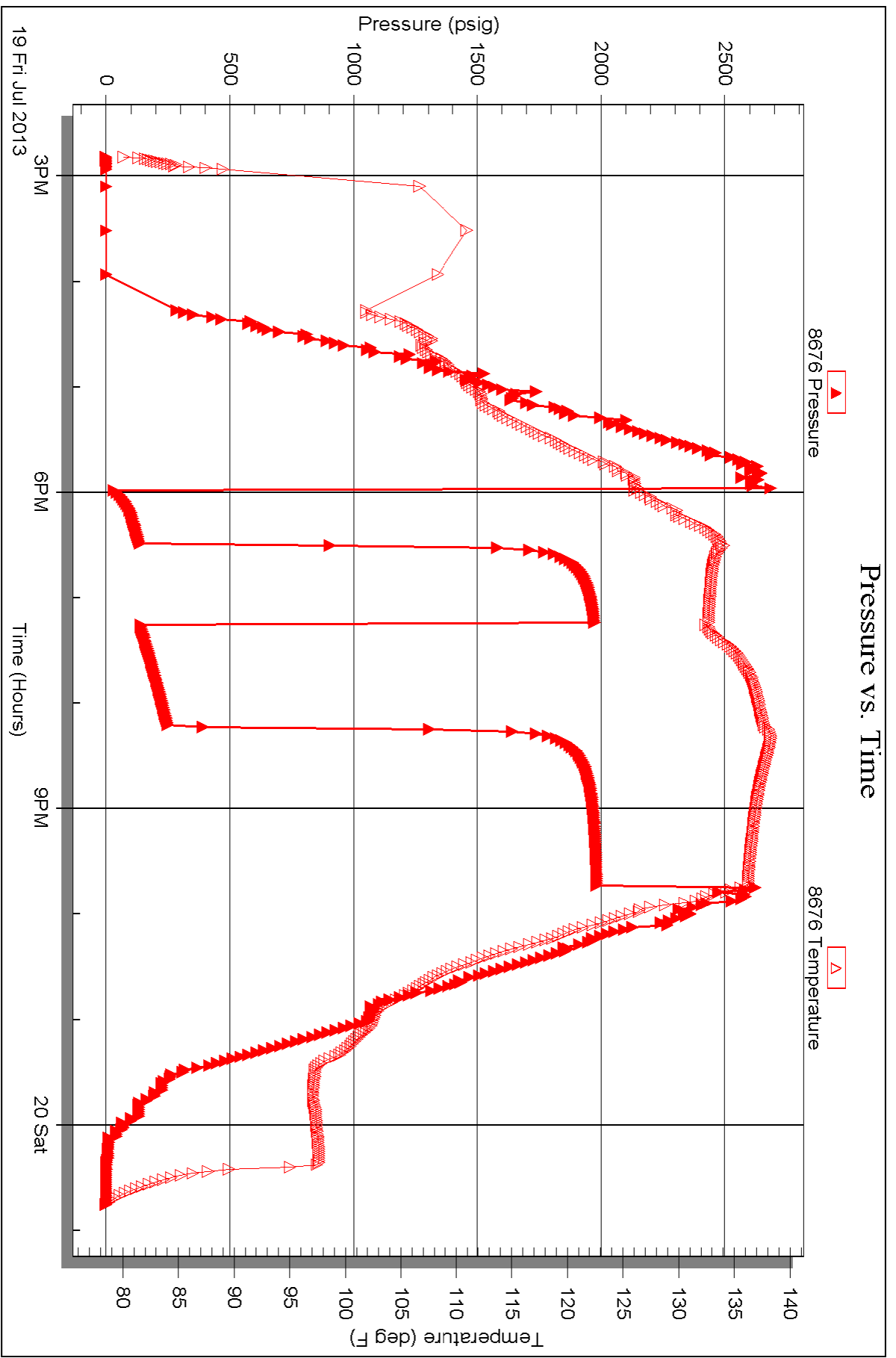


Serial #: 8676

Outside Chieftain Oil Co Inc

Molz #19

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47515

4/10

Well Name & No. Molz #19 Test No. 1 Date 7-18-13
 Company Chieftain Oil Co INC Elevation 1389 KB 1377 GL
 Address 101 S 5th street Pobox 124 Kiowa KS 67070
 Co. Rep / Geo. Ron Molz / Ardian Ratzlaff Rig Fossil Rig #3
 Location: Sec. 2 Twp. 35 Rge. 12 Co. Barber State KS

Interval Tested 5093-5130 Zone Tested Mizner
 Anchor Length 37' Drill Pipe Run 4944 Mud Wt. 9.5
 Top Packer Depth 5088 Drill Collars Run 151 Vis 52
 Bottom Packer Depth 5093 Wt. Pipe Run 0 WL 8.0
 Total Depth _____ Chlorides 4300 ppm System LCM 4A

Blow Description IF: Strong blow BOB 6min
ISI: NO blow back
FF: Strong blow BOB 28min
FSS: NO blow back

Rec	Feet of	%gas	%oil	%water	%mud
	<u>680' GIP</u>				
Rec <u>60</u>	Feet of <u>O, W, M</u>	%gas <u>2</u>	%oil <u>8</u>	%water <u>90</u>	%mud
Rec <u>120</u>	Feet of <u>M, W slight oil GUT</u>	%gas	%oil <u>60</u>	%water <u>40</u>	%mud
Rec <u>186</u>	Feet of <u>M, W</u>	%gas	%oil <u>98</u>	%water <u>2</u>	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 366' BHT 132 Gravity - API RW 26 @ 94 °F Chlorides 18000 ppm

(A) Initial Hydrostatic 2540 Test 1350 T-On Location 5:45
 (B) First Initial Flow 50 Jars T-Started 6:06
 (C) First Final Flow 146 Safety Joint 75 T-Open 9:13
 (D) Initial Shut-In 1955 Circ Sub T-Pulled 13:00
 (E) Second Initial Flow 124 Hourly Standby T-Out 15:40
 (F) Second Final Flow 192 Mileage 110 miles 170.50
 (G) Final Shut-In 1954 Sampler
 (H) Final Hydrostatic 2538 Straddle Ruined Shale Packer
 Shale Packer 250 Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder Sub Total 0
 Day Standby Total 1845.50
 Accessibility MP/DST Disc't yes
 Sub Total 1845.50

Approved By Ardian Ratzlaff Our Representative Chris [Signature]

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



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47516

Well Name & No. Mol 2 #19 Test No. 2 Date 7-19-13
 Company Chieftain Oil Co INC Elevation 1389 KB 1377 GL
 Address 101 S 5th Street Po box 124 Kiowa KS 67070
 Co. Rep / Geo. Ron Molz / Arden Ratzlaff Rig Fossil Rig #3
 Location: Sec. 2 Twp. 35 Rge. 12 Co. Barber State KS

Interval Tested 5270 - 5299 Zone Tested Simpson
 Anchor Length 29' Drill Pipe Run 5124 Mud Wt. 9.5
 Top Packer Depth 5265 Drill Collars Run 151 Vis 58
 Bottom Packer Depth 5270 Wt. Pipe Run _____ WL 8.0
 Total Depth 5299 Chlorides 4700 ppm System LCM 5#
 Blow Description IF: Strong blow 10 1/2"
ISF: NO blow back
FF: Strong blow BOB 42 min
FSI: NO blow back

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>50'</u>	Feet of <u>W, M slight oil cut</u>	%gas	%oil <u>40</u>	%water <u>60</u>	%mud
Rec <u>372'</u>	Feet of <u>M, W</u>	%gas	%oil <u>90</u>	%water <u>10</u>	%mud
Rec _____	Feet of _____	%gas	%oil _____	%water _____	%mud
Rec _____	Feet of _____	%gas	%oil _____	%water _____	%mud

Rec Total 422' BHT 135 Gravity _____ API RW 07 @ 83 °F Chlorides 94,000 ppm

(A) Initial Hydrostatic 2624 Test 1350 T-On Location 14:20
 (B) First Initial Flow 31 Jars _____ T-Started 14:54
 (C) First Final Flow 140 Safety Joint 75 T-Open 17:59
 (D) Initial Shut-In 1968 Circ Sub _____ T-Pulled 21:45
 (E) Second Initial Flow 144 Hourly Standby _____ T-Out 00:40
 (F) Second Final Flow 247 Mileage 40 miles 170.50 Comments _____
 (G) Final Shut-In 1979 Sampler _____
 (H) Final Hydrostatic 2505 Straddle _____ Ruined Shale Packer _____
 Shale Packer 250 Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1845.50
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1845.50

Approved By Arden Ratzlaff Our Representative Chris [Signature]

TriLOBite Testing Inc. shall not be liable for damaged or any loss 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.



PAGE 1 of 1	CUS ^m NO 1000/19	INVOICE DATE 07/12/2013
INVOICE NUMBER 1718 - 91236508		

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 Molz 19
 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
40616640	19843		Net - 30 days	08/11/2013

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 07/11/2013 to 07/11/2013</i>				
0040616640				
171808387A Cement-New Well Casing/Pi 07/11/2013 Cement 13 3/8 Conductor				
60/40 POZ	350.00	EA	8.40	2,940.13 T
Celloflake	88.00	EA	2.59	227.93 T
Calcium Chloride	903.00	EA	0.74	663.73 T
Sugar	50.00	EA	1.40	70.00 T
"Unit Mileage Chg (PU, cars one way)"	45.00	MI	2.98	133.88
Heavy Equipment Mileage	90.00	MI	4.90	441.02
"Proppant & Bulk Del. Chgs., per ton mil	677.00	EA	1.12	758.27
Depth Charge; 0-500'	1.00	EA	700.03	700.03
Blending & Mixing Service Charge	350.00	BAG	0.98	343.02
"Service Supervisor, first 8 hrs on loc.	1.00	EA	122.51	122.51

ENTERED
 JUL 16 2013
 912/BC

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	6,400.52
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	278.98
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	6,679.50
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>CHIEFTAIN OIL</i>	Lease No.	Date <i>07-11-13</i>	
Lease <i>21062</i>	Well # <i>19</i>		
Field Order # <i>8367</i>	Station <i>PRATT</i>	Casing <i>315'</i>	Depth <i>13 3/4</i>
		County <i>BARBER</i>	State <i>KS</i>
Type Job <i>CNW 13 3/4 conductor</i>		Formation	Legal Description <i>2-35-12</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>13 3/4</i>				Pre Pad	Max		5 Min.	
Depth <i>315'</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>49</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>300</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection <i>Swirl P</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth <i>290</i>	Packer Depth	From	To					

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert J. [Signature]</i>
Service Units <i>37900 19889 19843 19960 21010</i>		
Driver Names <i>Sullivan Meltzer Pierson</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>10:45</i>	<i>200</i>				<i>on loc safety meeting</i>
					<i>Run 7 JTS 13 3/4 csg.</i>
<i>3:25</i>					<i>Casing on bottom</i>
<i>3:30</i>					<i>Hook rig to circ.</i>
<i>3:35</i>			<i>3</i>	<i>4.5</i>	<i>M. Spacer</i>
				<i>5</i>	<i>mix cmt. 350 sk 60/40 P02 3% cc 1/4 CF</i>
<i>7</i>			<i>79</i>		<i>cmt mix O</i>
				<i>3.5</i>	<i>St Dip</i>
<i>4:15</i>	<i>100</i>		<i>45</i>		<i>plug down</i>
					<i>1 circ 25 BBL cmt Pit</i>
					<i>SOB complete</i>
					<i>Thank you</i>

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

September 13, 2013

Ron Molz
Chieftain Oil Co., Inc.
101 S. 5TH ST.
PO BOX 124
KIOWA, KS 67070-1912

Re: ACO1
API 15-007-24041-00-00
Molz 19
SE/4 Sec.02-35S-12W
Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Ron Molz