



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1203248
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: _____

1203248

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
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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
<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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____					
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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Jones Oil, LLC
Well Name	Bookstore 4
Doc ID	1203248

All Electric Logs Run

Sonic
Dual Induction
Porsity
Micro resistivity

Form	ACO1 - Well Completion
Operator	Jones Oil, LLC
Well Name	Bookstore 4
Doc ID	1203248

Tops

Name	Top	Datum
Anh	854	1095
Base Heeb	3444	-1495
Doug	3494	-1545
BL	3591	-1642
KC Lansing	3617	-1668
Congl	3980	-2031
Viola	4024	-2075
Simp	4142	-2193
Arbuckle	4178	-2229
RTD	4500	
LTD	4250	



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Jones Oil, LLC.
 112 N. Gray
 St. John, KS 67576-1923
 ATTN: Keaton Johnes

2-24s-14w Stafford Co., KS

Bookstore 4

Job Ticket: 52498 **DST#: 4**

Test Start: 2014.04.26 @ 01:29:42

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 03:23:12
 Time Test Ended: 09:09:57
 Interval: **3963.00 ft (KB) To 3994.00 ft (KB) (TVD)**
 Total Depth: 3994.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Reynolds
 Unit No: 68
 Reference Elevations: 1949.00 ft (KB)
 1944.00 ft (CF)
 KB to GR/CF: 5.00 ft

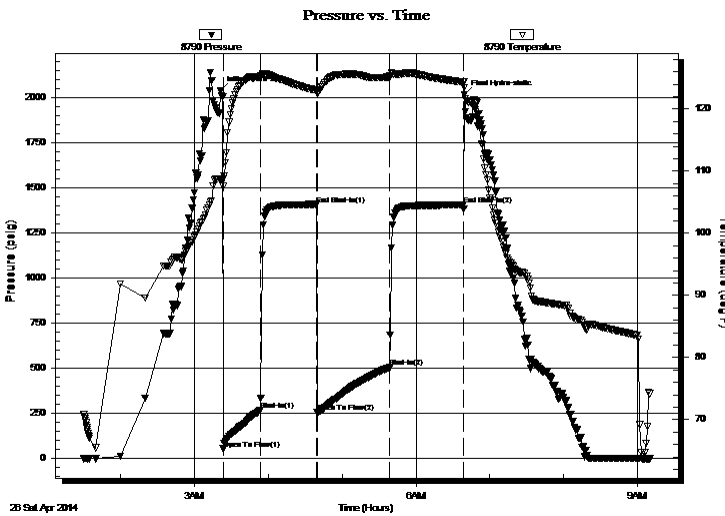
Serial #: 8790

Inside

Press @ Run Depth: 503.07 psig @ 3964.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.04.26 End Date: 2014.04.26 Last Calib.: 2014.04.26
 Start Time: 01:29:47 End Time: 09:09:56 Time On Btm: 2014.04.26 @ 03:20:57
 Time Off Btm: 2014.04.26 @ 06:39:27

TEST COMMENT: IF: Strong blow . BOB @ 5 1/2min.
 IS: Strong blow . BOB @ 3min.
 FF: Strong blow . BOB @ 4min. GTS @ 30min.
 FS: Strong blow . BOB throughout

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2034.82	108.79	Initial Hydro-static
3	52.42	107.53	Open To Flow (1)
33	267.16	125.27	Shut-In(1)
78	1407.08	122.99	End Shut-In(1)
79	253.41	122.53	Open To Flow (2)
138	503.07	125.15	Shut-In(2)
198	1403.55	124.32	End Shut-In(2)
199	2014.52	123.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1040.00	VSLI OCGMW trc%o, 5%g, 5%m, 90%w	13.52

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	17.00	50.77
Last Gas Rate	0.25	15.00	47.59
Max. Gas Rate	0.25	18.00	52.35



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Jones Oil, LLC.

2-24s-14w Stafford Co., KS

112 N. Gray
St. John, KS 67576-1923

Bookstore 4

Job Ticket: 52498

DST#: 4

ATTN: Keaton Johnes

Test Start: 2014.04.26 @ 01:29:42

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:

76000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1040.00	VSLI OCGMW trc%o, 5%g, 5%m, 90%w	13.523

Total Length: 1040.00 ft

Total Volume: 13.523 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #: RR-1

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Jones Oil, LLC.

2-24s-14w Stafford Co., KS

112 N. Gray
St. John, KS 67576-1923

Bookstore 4

Job Ticket: 52498

DST#: 4

ATTN: Keaton Johnes

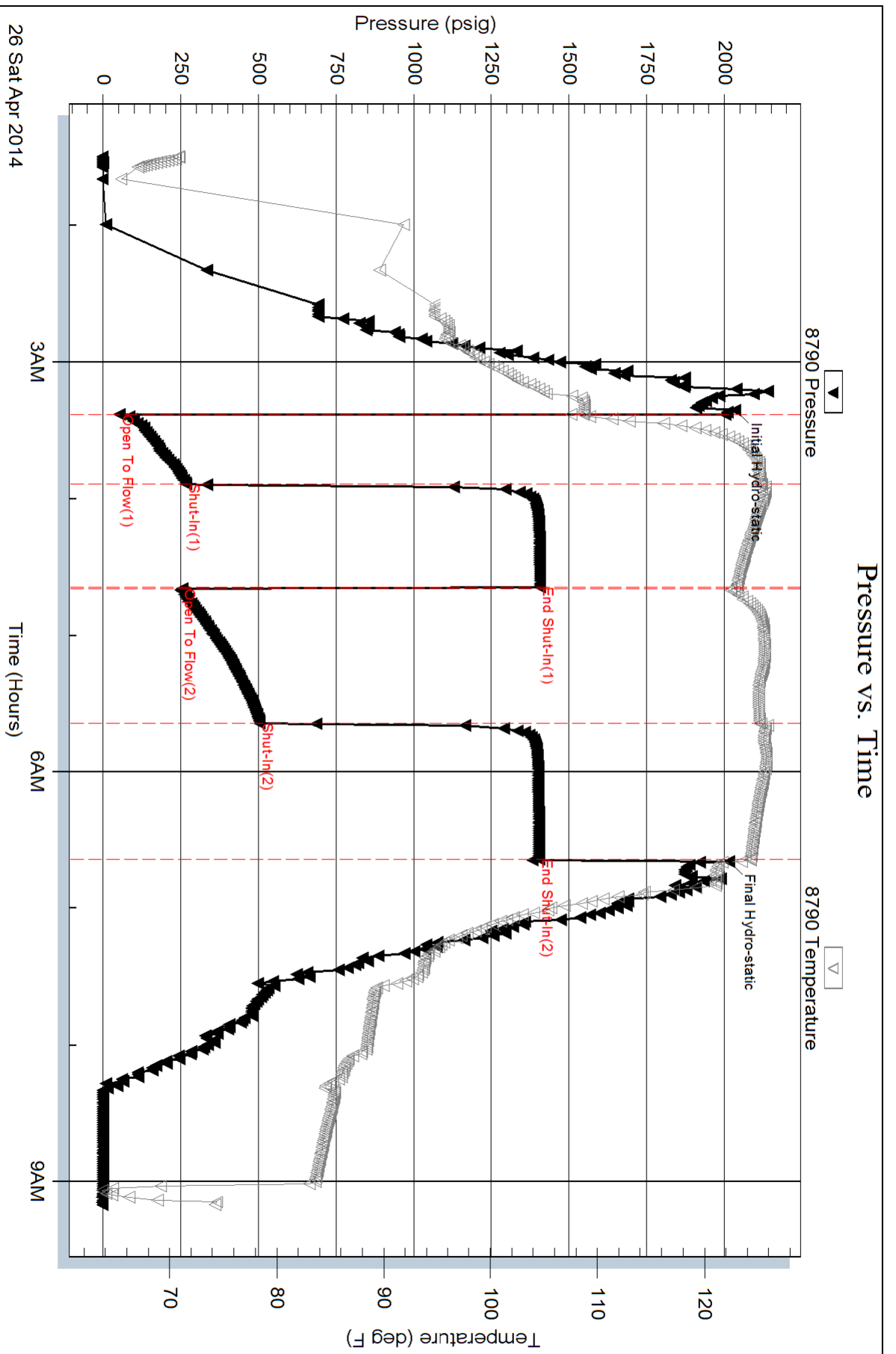
Test Start: 2014.04.26 @ 01:29:42

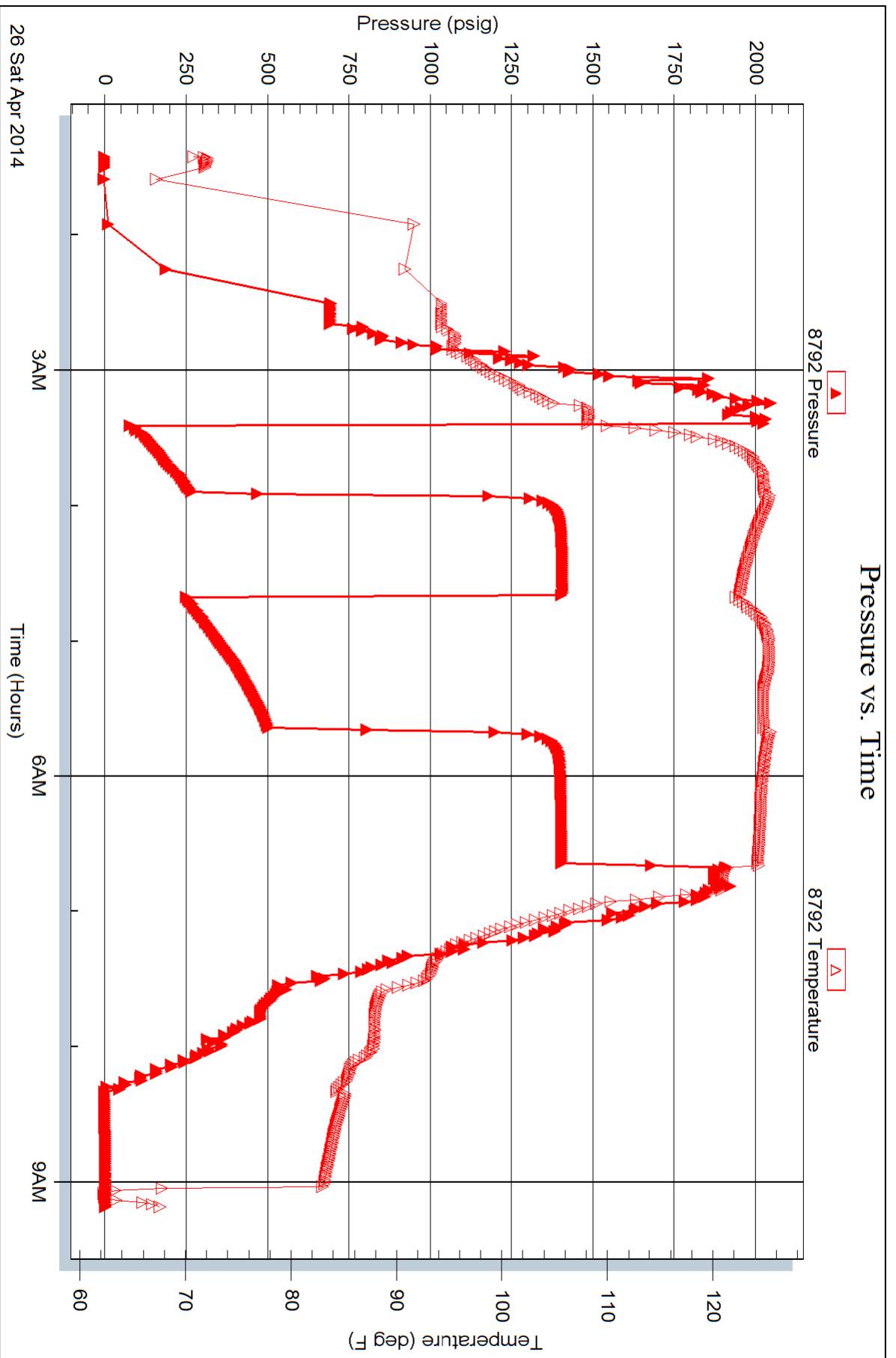
Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	30	0.25	17.00	50.77
2	40	0.25	17.00	50.77
2	50	0.25	18.00	52.35
2	60	0.25	15.00	47.59







**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Jones Oil, LLC.
112 N. Gray
St. John, KS 67576-1923
ATTN: Keaton Johnes

2-24s-14w Stafford Co., KS

Bookstore 4

Job Ticket: 52497

DST#: 3

Test Start: 2014.04.25 @ 05:05:53

GENERAL INFORMATION:

Formation: **Lans. K-L**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 07:07:08

Time Test Ended: 11:00:38

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Reynolds

Unit No: 68

Interval: 3816.00 ft (KB) To 3860.00 ft (KB) (TVD)

Reference Elevations: 1949.00 ft (KB)

Total Depth: 3860.00 ft (KB) (TVD)

1944.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8790

Inside

Press@RunDepth: 30.39 psig @ 3817.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.25

End Date:

2014.04.25

Last Calib.:

2014.04.25

Start Time: 05:05:58

End Time:

11:00:37

Time On Btm:

2014.04.25 @ 07:03:23

Time Off Btm:

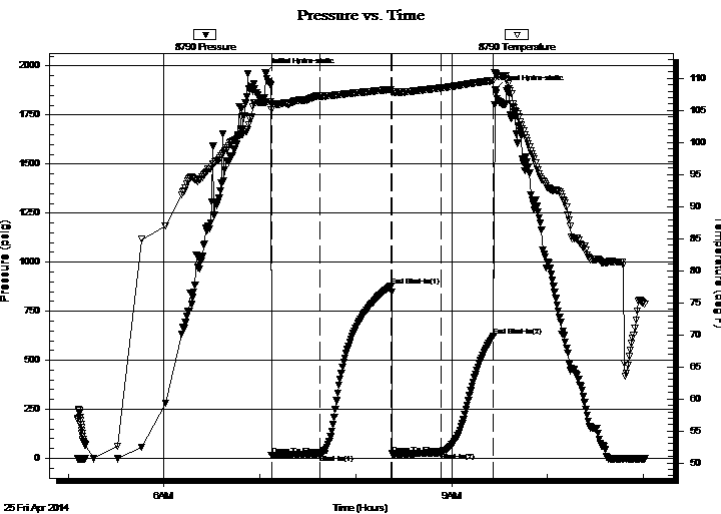
2014.04.25 @ 09:27:23

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

IS: No blow

FF: No blow

FS: No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1967.47	106.26	Initial Hydro-static
4	14.22	105.09	Open To Flow (1)
35	21.22	107.23	Shut-In(1)
79	879.22	108.28	End Shut-In(1)
80	23.25	107.85	Open To Flow (2)
110	30.39	108.50	Shut-In(2)
143	622.31	109.68	End Shut-In(2)
144	1879.53	110.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	VSLI OCWM trc%o, 50%w, 50%m	0.05

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m ³ /d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Jones Oil, LLC.

2-24s-14w Stafford Co., KS

112 N. Gray
St. John, KS 67576-1923

Bookstore 4

Job Ticket: 52497

DST#: 3

ATTN: Keaton Johnes

Test Start: 2014.04.25 @ 05:05:53

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:

82000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbf

Water Loss: 11.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
10.00	VSLI OCWM trc%o, 50%w, 50%m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbf

Num Fluid Samples: 0

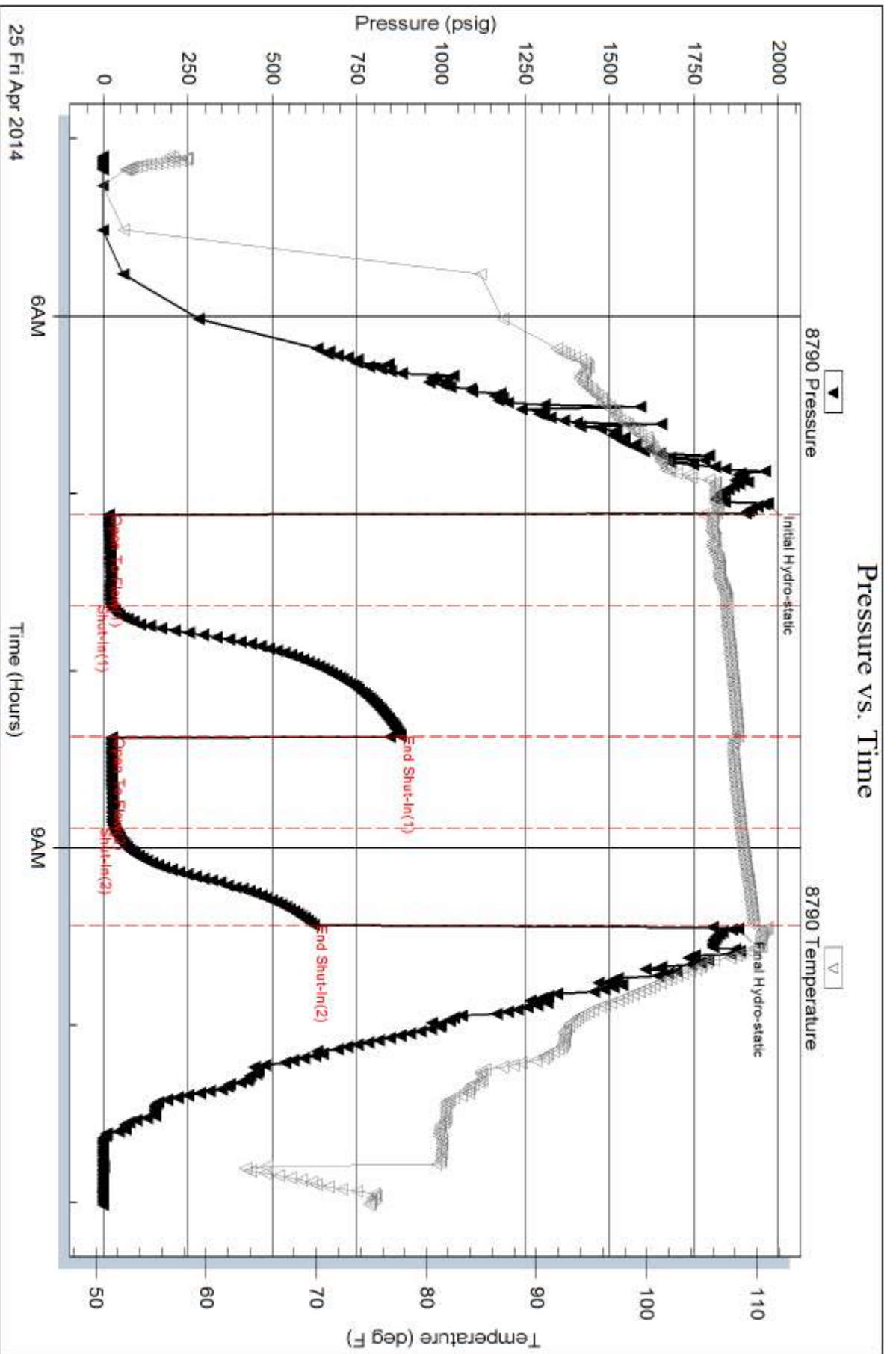
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Jones Oil, LLC.
 112 N. Gray
 St. John, KS 67576-1923
 ATTN: Keaton Johnes

2-24s-14w Stafford Co., KS

Bookstore 4

Job Ticket: 52496 **DST#: 2**
 Test Start: 2014.04.24 @ 09:29:17

GENERAL INFORMATION:

Formation: **Lans. H + I**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 11:27:47
 Time Test Ended: 14:48:17
 Interval: **3735.00 ft (KB) To 3770.00 ft (KB) (TVD)**
 Total Depth: 3770.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Reynolds
 Unit No: 68
 Reference Elevations: 1949.00 ft (KB)
 1944.00 ft (CF)
 KB to GR/CF: 5.00 ft

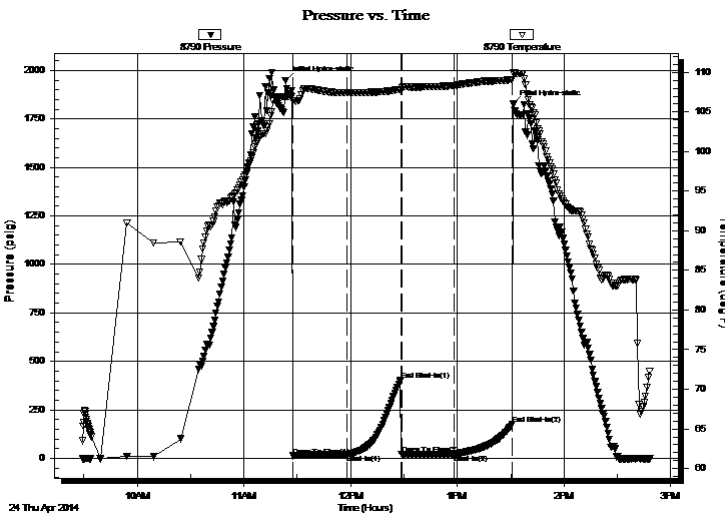
Serial #: 8790

Inside

Press@RunDepth: 22.95 psig @ 3736.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.04.24 End Date: 2014.04.24 Last Calib.: 2014.04.24
 Start Time: 09:29:22 End Time: 14:48:16 Time On Btm: 2014.04.24 @ 11:23:17
 Time Off Btm: 2014.04.24 @ 13:31:32

TEST COMMENT: IF: Weak blow . Surf. throughout
 IS: No blow
 FF: No blow
 FS: No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1948.59	106.91	Initial Hydro-static
5	12.33	106.46	Open To Flow (1)
35	18.88	107.41	Shut-In(1)
65	404.07	107.83	End Shut-In(1)
66	20.84	108.02	Open To Flow (2)
95	22.95	108.33	Shut-In(2)
128	175.05	109.07	End Shut-In(2)
129	1826.34	109.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OWCM 10%o, 35%w, 55%m	0.15

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (m ³ /d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Jones Oil, LLC.

2-24s-14w Stafford Co., KS

112 N. Gray
St. John, KS 67576-1923

Bookstore 4

Job Ticket: 52496

DST#: 2

ATTN: Keaton Johnes

Test Start: 2014.04.24 @ 09:29:17

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:

78000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OWCM 10%o, 35%w, 55%m	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

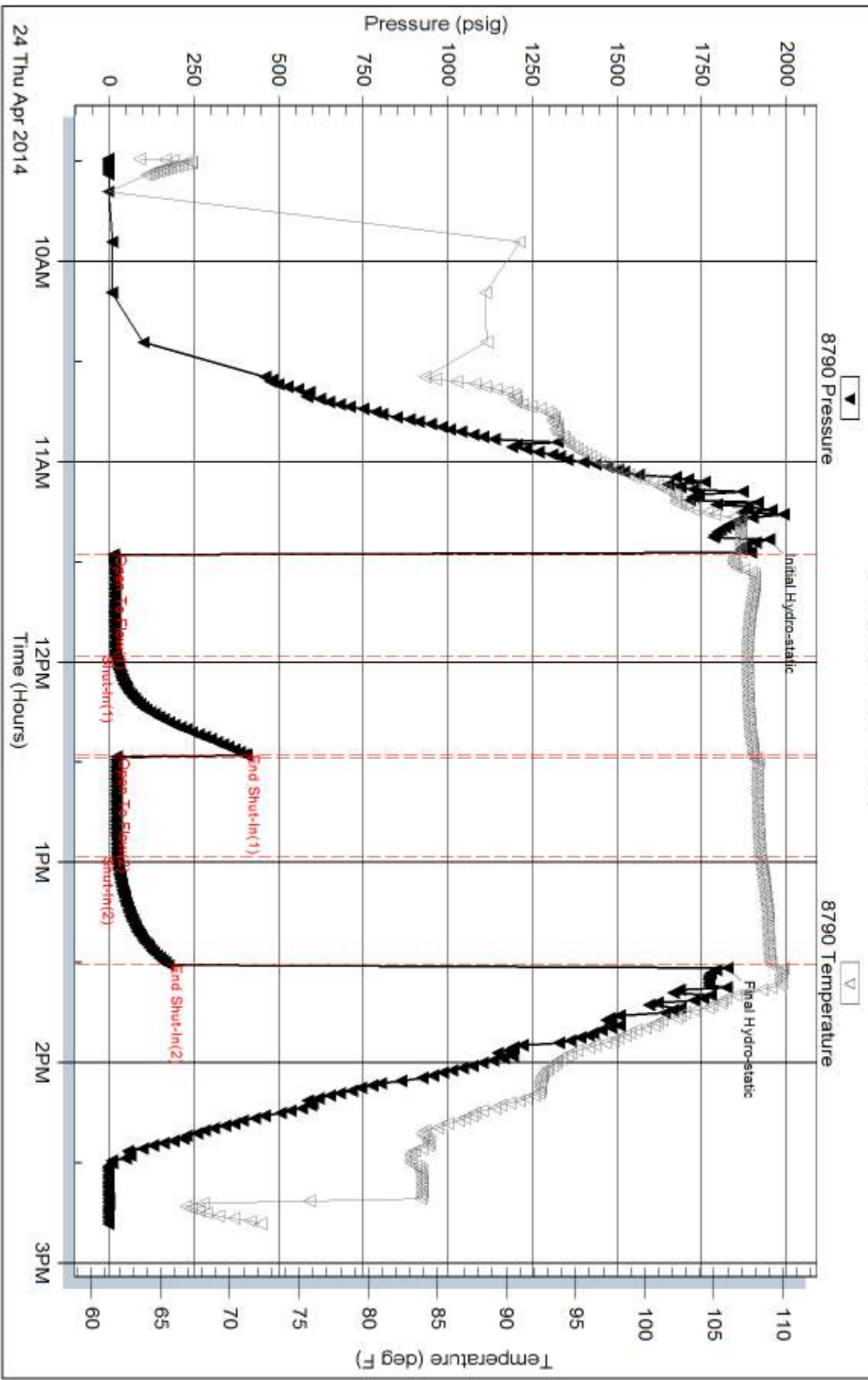
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Jones Oil, LLC.
112 N. Gray
St. John, KS 67576-1923
ATTN: Keaton Johnes

2-24s-14w Stafford Co., KS

Bookstore 4

Job Ticket: 52495 **DST#: 1**

Test Start: 2014.04.23 @ 12:04:37

GENERAL INFORMATION:

Formation: **Lansing "B"**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 14:03:37

Time Test Ended: 17:34:07

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Reynolds

Unit No: 68

Interval: 3628.00 ft (KB) To 3651.00 ft (KB) (TVD)

Total Depth: 3651.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1949.00 ft (KB)

1944.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8790 Inside

Press@RunDepth: 31.36 psig @ 3629.00 ft (KB)

Start Date: 2014.04.23

End Date: 2014.04.23

Start Time: 12:04:42

End Time: 17:34:06

Capacity: 8000.00 psig

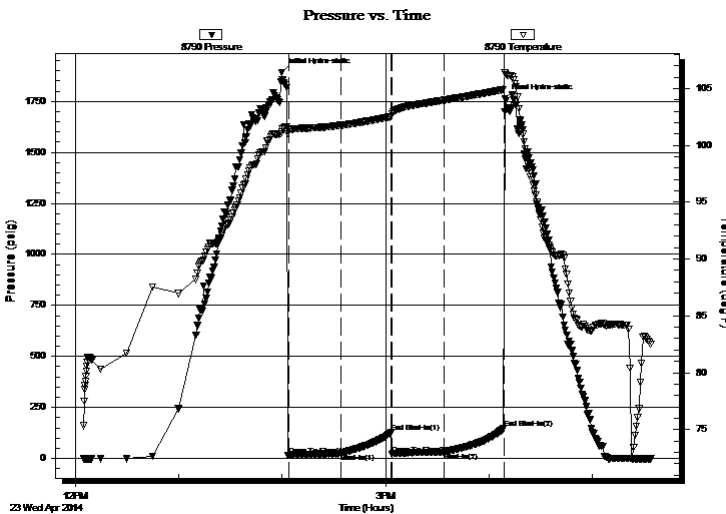
Last Calib.: 2014.04.23

Time On Btm: 2014.04.23 @ 13:59:37

Time Off Btm: 2014.04.23 @ 16:09:22

TEST COMMENT: IF: Weak blow . surf. - 3"
IS: No blow
FF: Weak blow . 1" - surf.
FS: No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1891.85	101.16	Initial Hydro-static
4	14.67	101.37	Open To Flow (1)
35	25.57	101.78	Shut-In(1)
64	126.56	102.54	End Shut-In(1)
65	21.46	102.76	Open To Flow (2)
95	31.36	103.97	Shut-In(2)
129	147.38	104.90	End Shut-In(2)
130	1763.06	106.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OCM 2%o, 98%m	0.10
0.00	160' GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m ³ /d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Jones Oil, LLC.

2-24s-14w Stafford Co., KS

112 N. Gray
St. John, KS 67576-1923

Bookstore 4

Job Ticket: 52495

DST#: 1

ATTN: Keaton Johnes

Test Start: 2014.04.23 @ 12:04:37

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:

7000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	OCM 2%o, 98%m	0.098
0.00	160' GIP	0.000

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

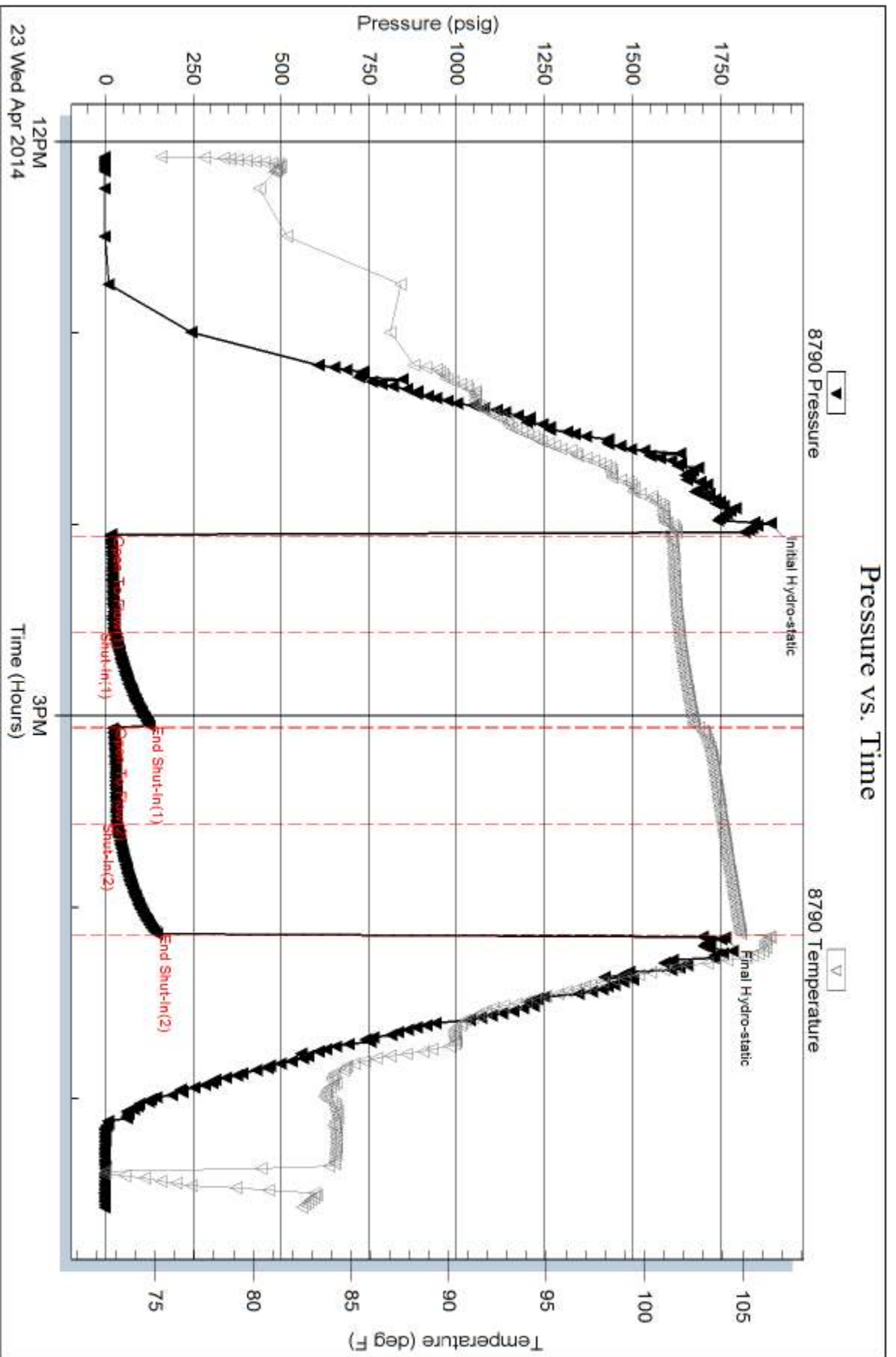
Serial #: 8790

Inside

Jones Oil, LLC.

Bookstore 4

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 52495

Printed: 2014.04.24 @ 07:39:30

BASIC

energy services, L.P.

TREATMENT REPORT

Customer STEVE JONES	Lease No.	Date 4-19-14
Lease BOOKSTORE	Well # 4	
Field Order # 10532	Station PRATT, KS	Casing 8 5/8
Type Job ONW - SURFACE	Depth 719	County STAFFORD
	Formation TD-731	State KS
		Legal Description 2-24-14

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth 719	Depth	From	To	Pre Pad	Max			5 Min.
Volume	Volume	From	To	Pad	Min			10 Min.
Max Press	Max Press	From	To	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative SITKOW	Station Manager KEVIN	Treater COPLEY
Service Units 19907	27463	19960-21010
Driver Names KG	RATE	CDRSON

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0630					ON LOUDBOX
					RUN 716' 8 5/8" SC = 17 JTS
					SET 8 5/8" AT 719' W/LAND JT.
					BREAK CIRC
					MIX CEMENT
0800			88	6	200 SIC A-CON CEMENT
					3% CC, 1/4" H/K CELLFIBRE
			32	6	150 SIC COMMON CEMENT
					2% CC, 1/4" H/SZ CELLFIBRE
					DROP PLUG
			0	6	START DISP.
0845			44 1/2	6	PLUG DOWN
					CIRC. 20 bbl. CEMENT TO PZ
0930					JOB COMPLETE - KEVIN

BASIC

energy services, L.P.

TREATMENT REPORT

Customer Steve Jones	Lease No. Bookstore	Date 5-2-14	
Lease Book Store	Well # 4		
Field Order # 09979	Station Pratt KS	Casing 5 1/2	Depth 2043
Type Job C/W 5 1/2 Port Collar	Formation	County Stafford	State KS
		Legal Description 2-24-14	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size 2 1/8	Shots/Ft		Acid 350 sk. A-Con	RATE	PRESS 1000	ISIP	
Depth 2043	Depth 2043	From	To	Pre Pad 11.6 ppg	Max		5 Min.	
Volume 11.8	Volume 11.8	From	To	Pad 2.177 #3	Min		10 Min.	
Max Press	Max Press	From	To	Frac 16.75 gal/sk	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush H2O	Gas Volume		Total Load	

Customer Representative Steve Jones	Station Manager K. Gardley	Treater D. Scott
Service Units VOP 19889 19843 19860 20010		
Driver Names Scott Edmundo Shawn Erust		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					Port Collar @ 2043'
1030					On Loc w/ Talks Safety mtg
1100	1000		112	114	PSI Test Csg
1115		100	10	3	Open Port Collar & Est Good Circ
1120		100	172.6	3	Mix @ 2 11.6 ppg 350 sk. A-Con Good Circ.
1200					finish mix Didnt Circ cmf
1201					St Disp
1205			11.5	3	Disp Pumped No Cmt Returns
1210	1000		12	112	Close Port Collar & psi Test Held
1215	100		25	3	Run 2 Jts Tbg & Rev out
1220		1000			PSI Test Csg Held
					T.O.H. w/ Tbg & Shifting Tool

BASIC

energy services, L.P.

TREATMENT REPORT

Customer STEVE JONES	Lease No.	Date 4-19-14
Lease BOOKSTORE	Well # 4	
Field Order # 10532	Station PRATT, KS	Casing 8 5/8
Type Job ONW - SURFACE	Depth 719	County STAFFORD
	Formation TD-731	State KS
		Legal Description 2-24-14

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 719	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative SITKOW	Station Manager KEVIN	Treater COPLEY
Service Units 19907	27463	19960-21010
Driver Names KG	RATE	CDRSON

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0630					ON LOUDBOX
					RUN 716' 8 5/8" SC = 17 JTS
					SET 8 5/8" AT 719' W/LAND JT.
					BREAK CIRC
					MIX CEMENT
0800			88	6	200 SIC A-CON CEMENT
					3% CC, 1/4" H/K CELLFIBRE
			32	6	150 SIC COMMON CEMENT
					2% CC, 1/4" H/BZ CELLFIBRE
					DROP PLUG
			0	6	START DISP.
0845			44 1/2	6	PLUG DOWN
					CIRC. 20 bbl. CEMENT TO PZ
0930					JOB COMPLETE - KEVIN