

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1258975
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: _____

1258975

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Red Oak Energy
7701 E Kellogg Dr Ste 710
Wichita, Ks
67207-1738
ATTN: Sean Deenihan

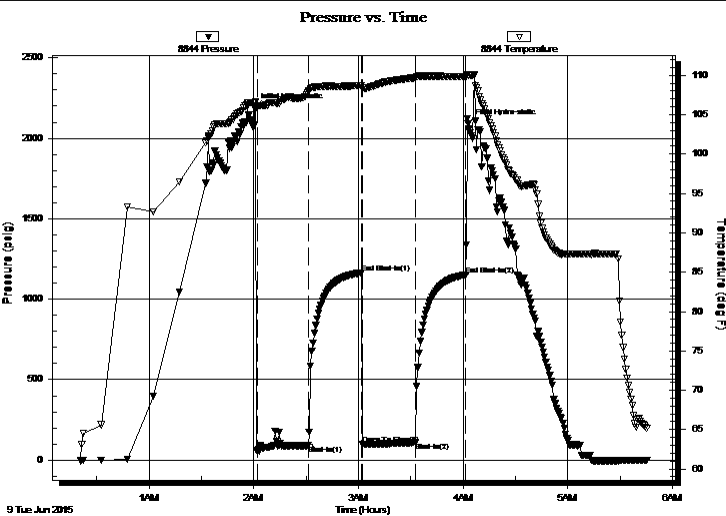
7-17-34w Scott, Ks
Wilkens #1-7
Job Ticket: 61488 **DST#: 1**
Test Start: 2015.06.09 @ 00:20:46

GENERAL INFORMATION:

Formation: **H-I**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 02:02:01
Time Test Ended: 05:55:16
Interval: **4248.00 ft (KB) To 4340.00 ft (KB) (TVD)**
Total Depth: 4340.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Shane McBride
Unit No: 84
Reference Elevations: 3163.00 ft (KB)
3158.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8844 Inside
Press @ Run Depth: 110.02 psig @ 4249.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.06.09 End Date: 2015.06.09 Last Calib.: 2015.06.09
Start Time: 00:20:46 End Time: 05:45:16 Time On Btm: 2015.06.09 @ 02:00:31
Time Off Btm: 2015.06.09 @ 04:02:46

TEST COMMENT: 5 1/4" in blow
No return
5 1/4" in blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2189.71	106.61	Initial Hydro-static
2	54.56	106.16	Open To Flow (1)
31	90.82	107.93	Shut-In(1)
62	1164.59	108.70	End Shut-In(1)
62	97.64	108.41	Open To Flow (2)
92	110.02	109.70	Shut-In(2)
121	1152.26	109.84	End Shut-In(2)
123	2092.09	110.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	m c w 30m 70w	0.30
60.00	o & w c m 20o 30w 50m	0.30
95.00	m & w c o 20w 35m 45o	1.33
20.00	c o 100o	0.28

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy

7-17-34w Scott, Ks

7701 E Kellogg Dr Ste 710
Wichita, Ks
67207-1738
ATTN: Sean Deenihan

Wilkens #1-7

Job Ticket: 61488

DST#: 1

Test Start: 2015.06.09 @ 00:20:46

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

18 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

31000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
60.00	m c w 30m 70w	0.295
60.00	o & w c m 20o 30w 50m	0.295
95.00	m & w c o 20w 35m 45o	1.333
20.00	c o 100o	0.281

Total Length: 235.00 ft

Total Volume: 2.204 bbf

Num Fluid Samples: 0

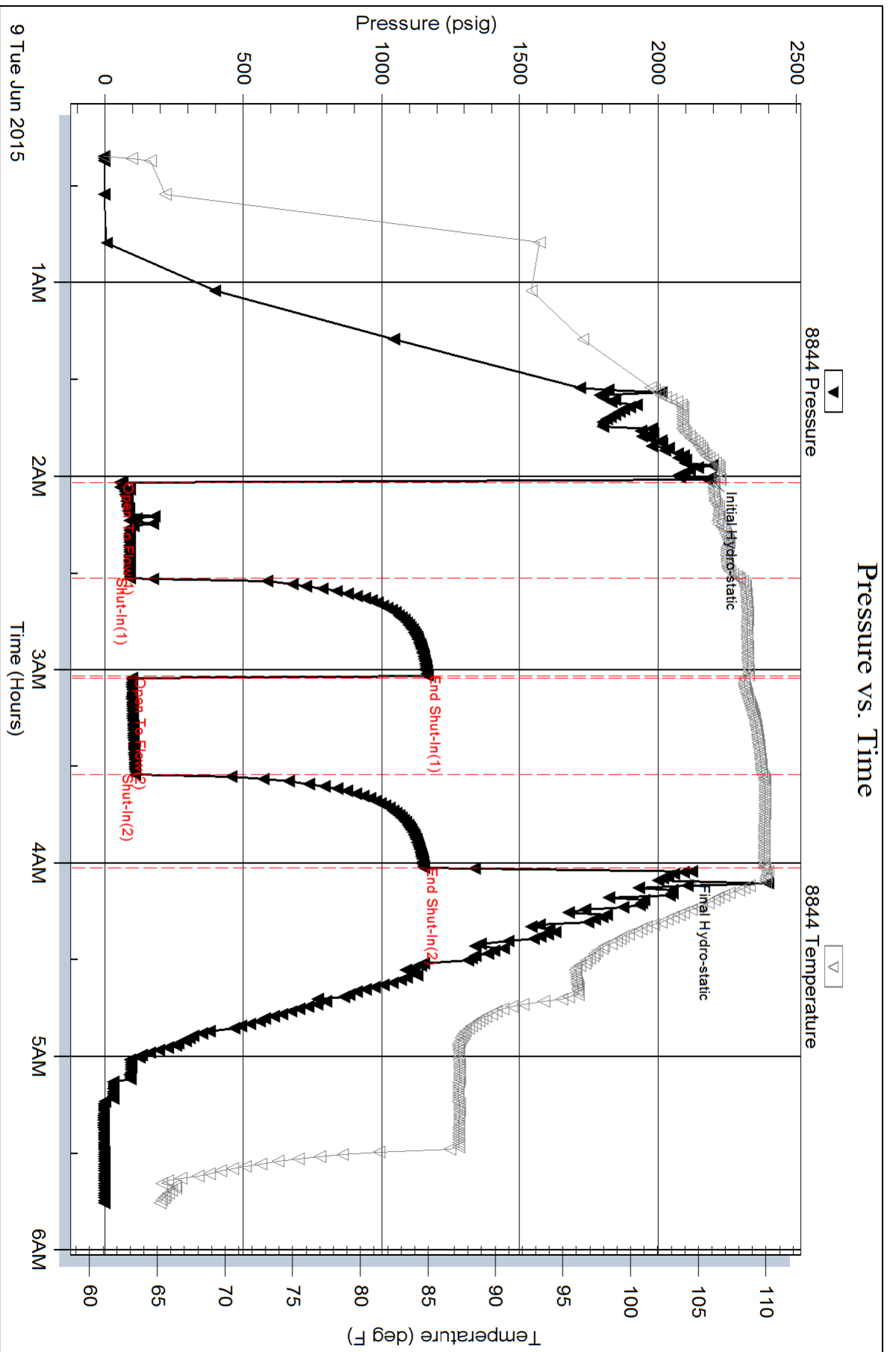
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .259 @ 60*f= 31,000 chlor





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Red Oak Energy
7701 E Kellogg Dr Ste 710
Wichita, Ks
67207-1738
ATTN: Sean Deenihan

7-17-34w Scott, Ks

Wilkens #1-7

Job Ticket: 61489

DST#: 2

Test Start: 2015.06.09 @ 11:35:22

GENERAL INFORMATION:

Formation: **K**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 13:12:07
 Time Test Ended: 17:50:22
 Interval: **4340.00 ft (KB) To 4376.00 ft (KB) (TVD)**
 Total Depth: 4376.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Shane McBride
 Unit No: 84
 Reference Elevations: 3163.00 ft (KB)
 3158.00 ft (CF)
 KB to GR/CF: 5.00 ft

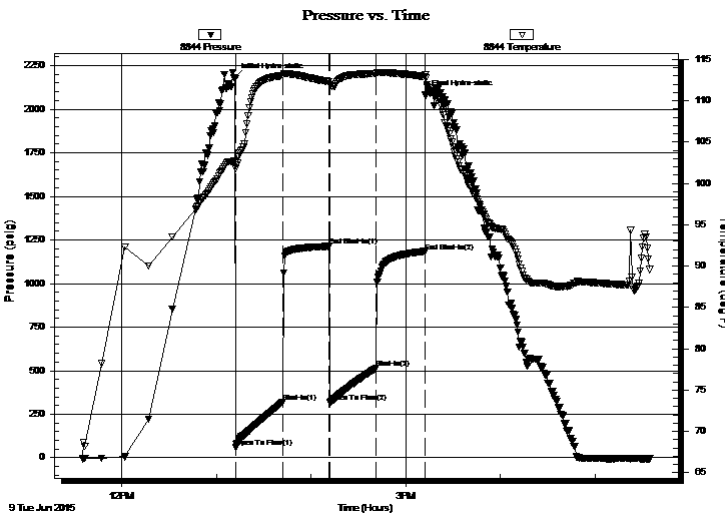
Serial #: 8844

Inside

Press@RunDepth: 513.83 psig @ 4341.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.06.09 End Date: 2015.06.09 Last Calib.: 2015.06.09
 Start Time: 11:35:22 End Time: 17:34:22 Time On Btm: 2015.06.09 @ 13:11:37
 Time Off Btm: 2015.06.09 @ 15:12:22

TEST COMMENT: B.O.B. in 6 1/2 min
 No return
 B.O.B. in 7 min.
 No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2180.37	102.73	Initial Hydro-static
1	58.40	101.78	Open To Flow (1)
31	317.88	113.03	Shut-In(1)
60	1213.39	112.32	End Shut-In(1)
61	318.00	111.98	Open To Flow (2)
90	513.83	113.27	Shut-In(2)
121	1184.29	112.91	End Shut-In(2)
121	2084.51	113.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
819.00	water 100%w w/heavy oil scum	10.40
126.00	m c w 20m 80w w/heavy oil scum	1.77
121.00	w c m 45w 55m w/heavy oil scum	1.70

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy
7701 E Kellogg Dr Ste 710
Wichita, Ks
67207-1738
ATTN: Sean Deenihan

7-17-34w Scott, Ks
Wilkens #1-7
Job Ticket: 61489 **DST#: 2**
Test Start: 2015.06.09 @ 11:35:22

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity: 38000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.78 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 7000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

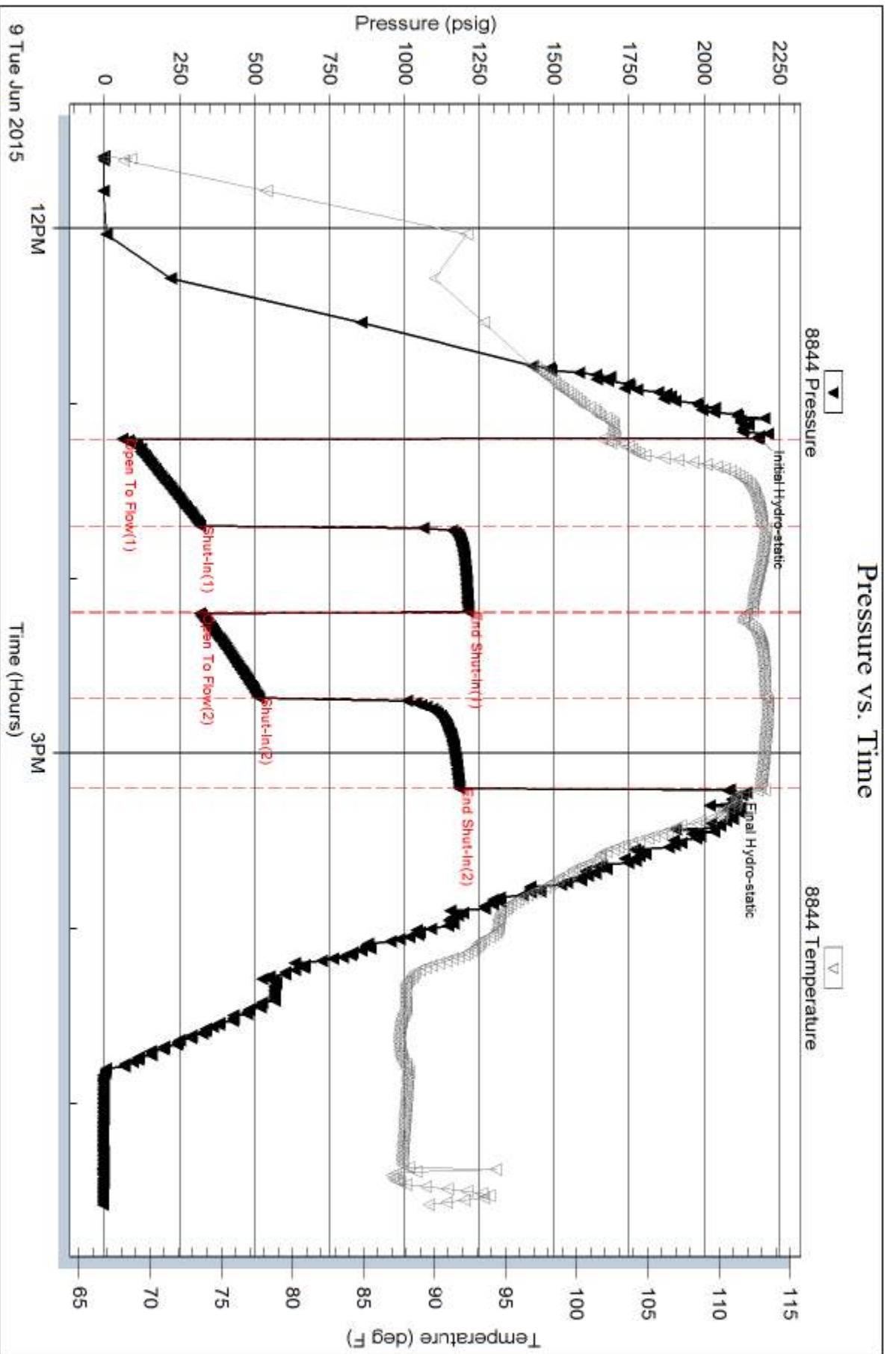
Length ft	Description	Volume bbl
819.00	water 100%w w/heavy oil scum	10.395
126.00	m c w 20m 80w w/heavy oil scum	1.767
121.00	w c m 45w 55m w/heavy oil scum	1.697

Total Length: 1066.00 ft Total Volume: 13.859 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: rw .140 @ 89*f= 38,000 chlor





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TESTING, INC**

DRILL STEM TEST REPORT

Red Oak Energy
7701 E Kellogg Dr Ste 710
Wichita, Ks
67207-1738
ATTN: Sean Deenihan

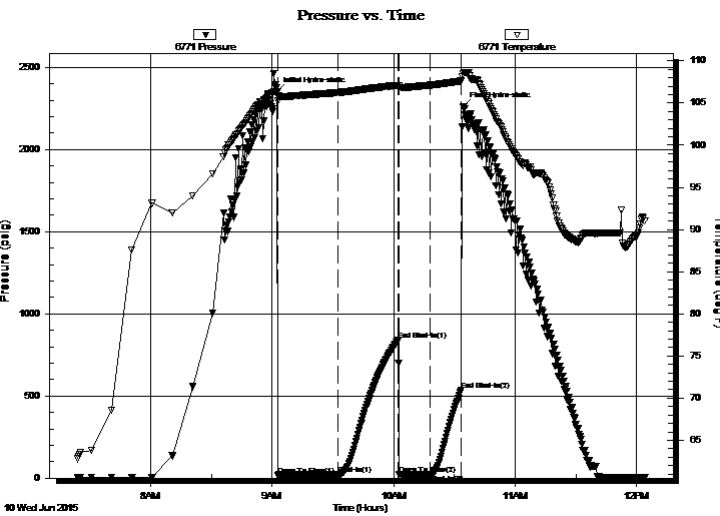
7-17-34w Scott, Ks
Wilkens #1-7
Job Ticket: 61490 **DST#: 3**
Test Start: 2015.06.10 @ 07:23:52

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 09:02:37
Time Test Ended: 12:15:07
Interval: **4462.00 ft (KB) To 4520.00 ft (KB) (TVD)**
Total Depth: 4520.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Shane McBride
Unit No: 84
Reference Elevations: 3163.00 ft (KB)
3158.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6771 Outside
Press@RunDepth: 24.69 psig @ 4463.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.06.10 End Date: 2015.06.10 Last Calib.: 2015.06.10
Start Time: 07:23:52 End Time: 12:04:07 Time On Btm: 2015.06.10 @ 09:02:22
Time Off Btm: 2015.06.10 @ 10:34:22

TEST COMMENT: Weak surface blow died in 12 min
No return
No blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2354.52	106.38	Initial Hydro-static
1	17.94	105.21	Open To Flow (1)
30	22.28	106.24	Shut-In(1)
60	840.27	107.10	End Shut-In(1)
61	22.09	106.86	Open To Flow (2)
76	24.69	107.11	Shut-In(2)
91	535.84	107.60	End Shut-In(2)
92	2263.05	108.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% m	0.01

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy

7-17-34w Scott, Ks

7701 E Kellogg Dr Ste 710
Wichita, Ks
67207-1738
ATTN: Sean Deenihan

Wilkens #1-7

Job Ticket: 61490

DST#: 3

Test Start: 2015.06.10 @ 07:23:52

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 8.78 in³

Resistivity: 0.00 ohm.m

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

0 deg API

Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100%m	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

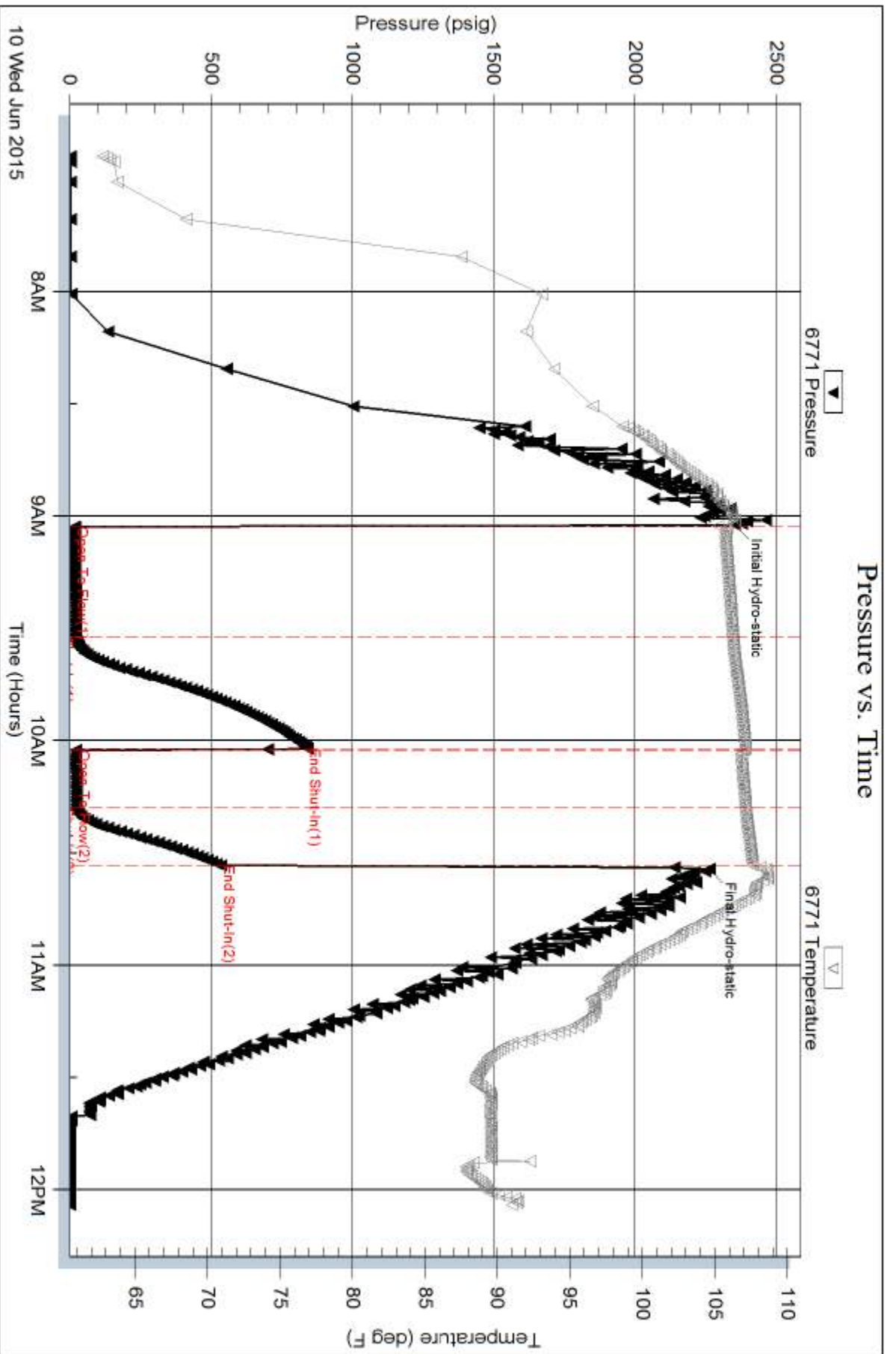
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Red Oak Energy
7701 E Kellogg Dr Ste 710
Wichita, Ks
67207-1738
ATTN: Sean Deenihan

7-17-34w Scott, Ks

Wilkens #1-7

Job Ticket: 61491

DST#: 4

Test Start: 2015.06.10 @ 19:32:31

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 21:28:16

Time Test Ended: 00:55:46

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 84

Interval: 4524.00 ft (KB) To 4562.00 ft (KB) (TVD)

Reference Elevations: 3163.00 ft (KB)

Total Depth: 4562.00 ft (KB) (TVD)

3158.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8844 Inside

Press@RunDepth: 64.90 psig @ 4525.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.06.10

End Date: 2015.06.11

Last Calib.: 2015.06.11

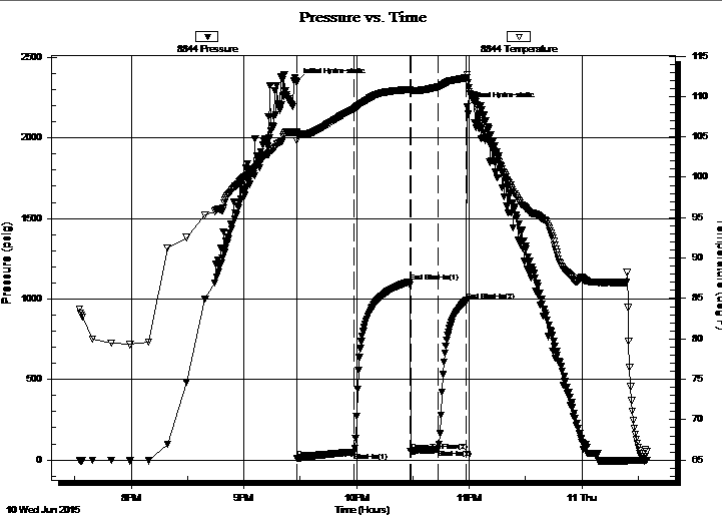
Start Time: 19:32:31

End Time: 00:34:46

Time On Btm: 2015.06.10 @ 21:28:01

Time Off Btm: 2015.06.10 @ 22:59:01

TEST COMMENT: 1 3/4" blow
No return
1/2" blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2347.16	105.58	Initial Hydro-static
1	9.78	104.53	Open To Flow (1)
31	49.59	108.46	Shut-In(1)
61	1107.11	110.86	End Shut-In(1)
61	54.16	110.45	Open To Flow (2)
76	64.90	111.17	Shut-In(2)
91	989.78	112.30	End Shut-In(2)
91	2194.26	112.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	m c w 20m 80w	0.59
5.00	free oil 100%o	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy

7-17-34w Scott, Ks

7701 E Kellogg Dr Ste 710
Wichita, Ks
67207-1738
ATTN: Sean Deenihan

Wilkens #1-7

Job Ticket: 61491

DST#: 4

Test Start: 2015.06.10 @ 19:32:31

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

21500 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	m c w 20m 80w	0.590
5.00	free oil 100%o	0.070

Total Length: 125.00 ft Total Volume: 0.660 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .323 @ 71*f= 21,500 chlor

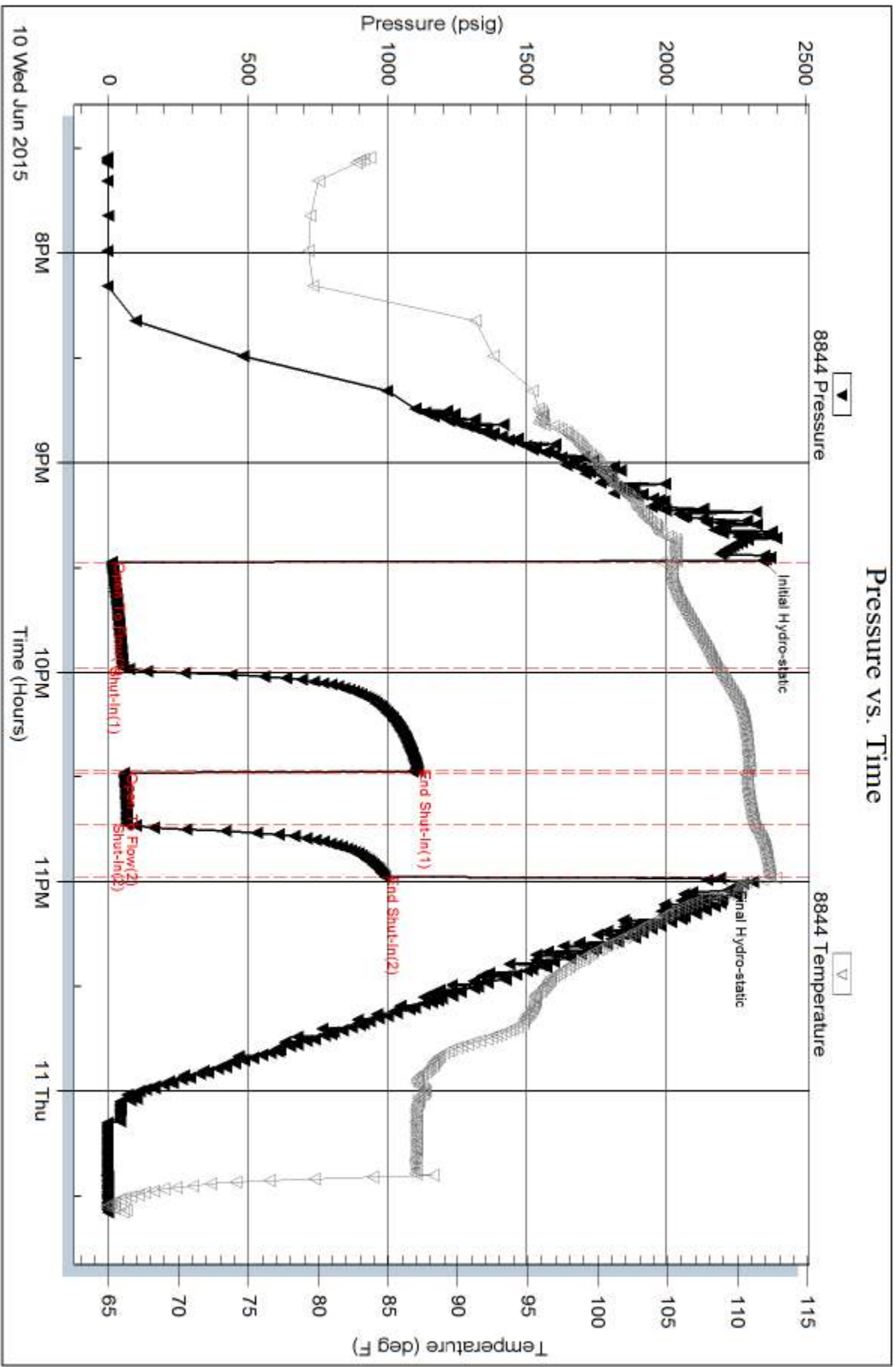
Serial #: 8844

Inside

Red Oak Energy

Wilkins #1-7

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 61491

Printed: 2015.06.11 @ 07:59:28



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Red Oak Energy
7701 E Kellogg Dr Ste 710
Wichita, Ks
67207-1738
ATTN: Sean Deenihan

7-17-34w Scott, Ks

Wilkens #1-7

Job Ticket: 61492

DST#: 5

Test Start: 2015.06.12 @ 13:07:30

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 14:36:30

Time Test Ended: 20:00:00

Test Type: Conventional Straddle (Reset)

Tester: Shane McBride

Unit No: 84

Interval: 4462.00 ft (KB) To 4540.00 ft (KB) (TVD)

Total Depth: 4936.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3163.00 ft (KB)

3158.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6771 Outside

Press @ Run Depth: 126.69 psig @ 4463.00 ft (KB)

Start Date: 2015.06.12

End Date: 2015.06.12

Start Time: 13:07:30

End Time: 19:47:00

Capacity: 8000.00 psig

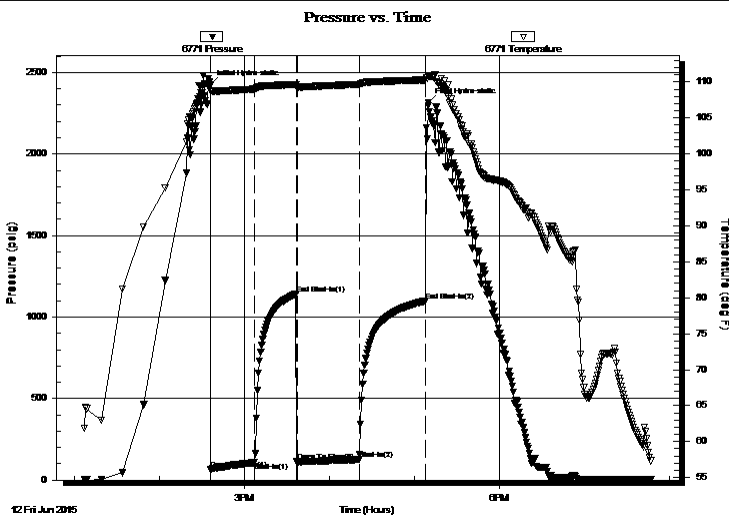
Last Calib.: 2015.06.12

Time On Btm: 2015.06.12 @ 14:36:15

Time Off Btm: 2015.06.12 @ 17:10:00

TEST COMMENT: 2 3/4" in blow
No return
1 3/4" in blow
No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2427.82	109.59	Initial Hydro-static
1	64.40	108.74	Open To Flow (1)
32	108.47	109.02	Shut-In(1)
61	1142.73	109.67	End Shut-In(1)
62	112.91	109.33	Open To Flow (2)
105	126.69	109.67	Shut-In(2)
152	1100.21	110.29	End Shut-In(2)
154	2315.57	110.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	m c w w/oil spots 40m 60w	0.59
45.00	w c m w/oil scum 30w 70m	0.63

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy

7-17-34w Scott, Ks

7701 E Kellogg Dr Ste 710
Wichita, Ks
67207-1738
ATTN: Sean Deenihan

Wilkens #1-7

Job Ticket: 61492

DST#: 5

Test Start: 2015.06.12 @ 13:07:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

31000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	m c w /oil spots 40m 60w	0.590
45.00	w c m w /oil scum 30w 70m	0.631

Total Length: 165.00 ft Total Volume: 1.221 bbl

Num Fluid Samples: 0

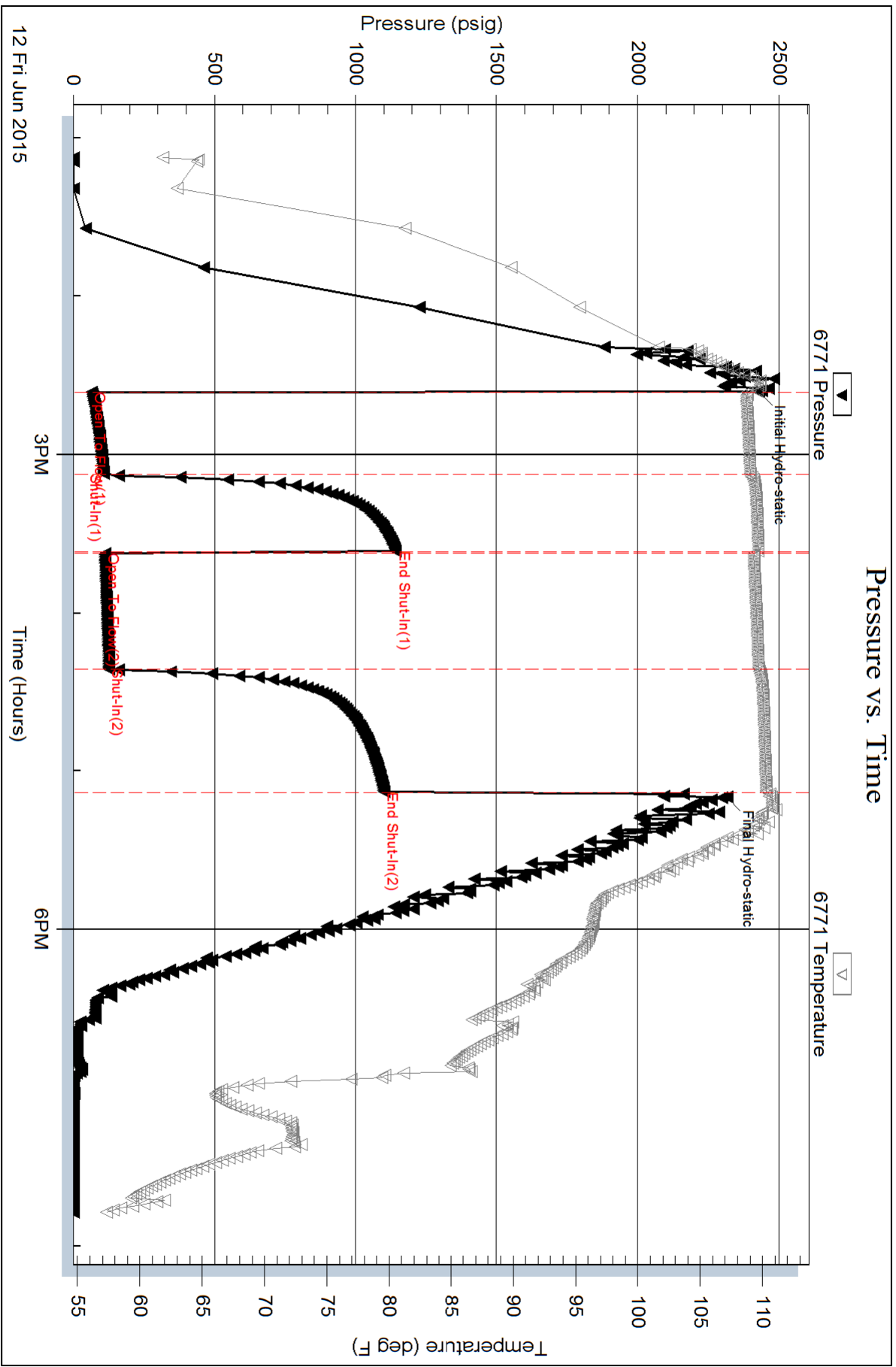
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .237 @ 65*f= 31,000 chlor



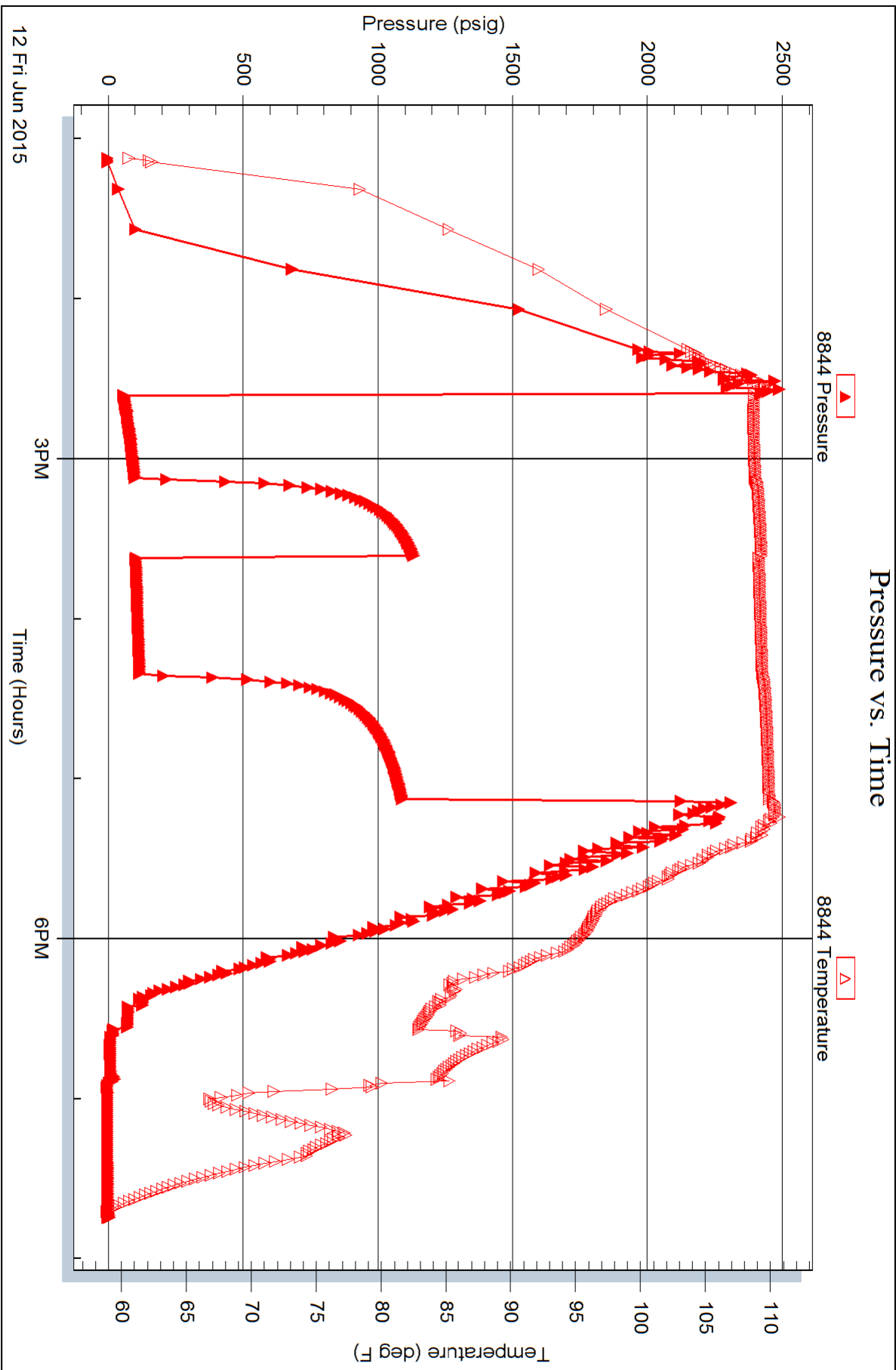
Serial #: 8844

Inside

Red Oak Energy

Wilkins #1-7

DST Test Number: 5

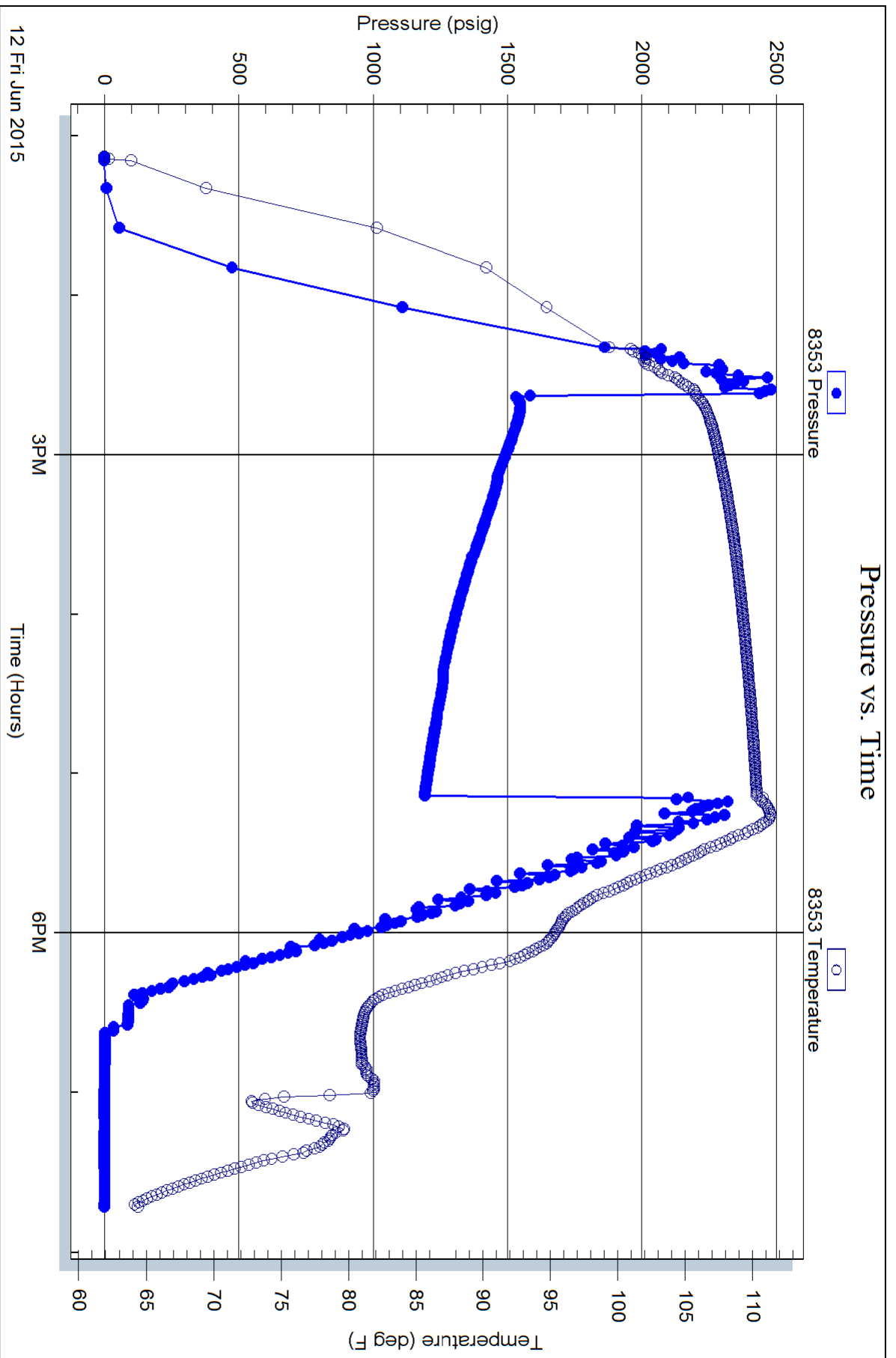


Serial #: 8353

Outside Red Oak Energy

Wilkens #1-7

DST Test Number: 5



ALLIED OIL & GAS SERVICES, LLC 064743

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Oakley

DATE <u>6-2-15</u>	SEC <u>7</u>	TWP. <u>13s</u>	RANGE <u>34w</u>	CALLED OUT	ON LOCATION	JOB START <u>1:30 AM</u>	JOB FINISH <u>2:30 AM</u>
LEASE <u>Wiffens</u>	WELL# <u>1-7</u>	LOCATION <u>Pence 34 5s 4e</u>		COUNTY <u>Scott</u>	STATE <u>KS</u>		
OLD OR (NEW) (Circle one)		<u>None</u>					

CONTRACTOR WFW 2 OWNER Same

TYPE OF JOB <u>PTA</u>	HOLE SIZE <u>7 7/8</u>	T.D. <u>4897</u>	CEMENT
CASING SIZE	TUBING SIZE <u>4 1/2</u>	DEPTH <u>2460'</u>	AMOUNT ORDERED <u>270 sks 60/40 gel</u>
DRILL PIPE	TOOL	DEPTH	<u>1/4 Flo-seal</u>
PRES. MAX	PRES. LINE	MINIMUM	COMMON _____ @ _____
CEMENT LEFT IN CSG.	DISPLACEMENT	SHOE JOINT	POZMIX _____ @ _____
PERFS.	EQUIPMENT		
DISPLACEMENT	PUMP TRUCK CEMENTER <u>Andrew Forslund</u>		

# <u>491</u>	HELPER <u>Carren Racette</u>	<u>Flo-seal 67#</u>	@ <u>2.97</u>	<u>198.99</u>
# <u>891</u>	DRIVER <u>Corey Braun</u>	<u>Material Total</u>	@	<u>5,307.39</u>
#	DRIVER	<u>(1857.59/35%)</u>	@	
		HANDLING <u>289.98/cy/ft</u>	@ <u>2.48</u>	<u>719.15</u>
		MILEAGE <u>2.25 ton/mile</u>	@ <u>12.10 ton-1830.12</u>	
		TOTAL		

REMARKS:

50 sks @ 2460'
80 sks @ 1500'
50 sks @ 725'
40 sks @ 300'
20 sks @ 60'
30 sks Rat hole

Thank you

CHARGE TO: Red Oak
STREET _____
CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <u>2460'</u>	PUMP TRUCK CHARGE	@ <u>2483.59</u>
EXTRA FOOTAGE	MILEAGE <u>55 miles</u>	@ <u>2.70</u>
MANIFOLD	<u>Light vehicle</u>	@ <u>4.40</u>
		@

(1994.42/35%) TOTAL 5,698.36

PLUG & FLOAT EQUIPMENT

_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____

TOTAL _____

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____
TOTAL CHARGES 11,005.75
DISCOUNT 3,852.01 (35%) IF PAID IN 30 DAYS
7,153.73 Net.

PRINTED NAME _____
SIGNATURE [Signature]

ALLIED OIL & GAS SERVICES, LLC 004721

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Dakota, KS

DATE <i>6-4-15</i>	SEC. <i>7</i>	TWP. <i>17</i>	RANGE <i>34</i>	CALLED OUT	ON LOCATION <i>6:00 pm</i>	JOB START <i>7:23 pm</i>	JOB FINISH <i>7:50 pm</i>
LEASE <i>Williams</i>	WELL # <i>1-7</i>	LOCATION <i>Peoria 3W, 5S,</i>		COUNTY <i>Scott</i>	STATE <i>KS</i>		

OLD OR NEW (Circle one)

CONTRACTOR *WLD 2*

TYPE OF JOB *Sealzone*

HOLE SIZE *12 1/4* T.D. *2621*

CASING SIZE *8 7/8* DEPTH *2625 FT*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *13'*

PERFS.

DISPLACEMENT *13.84 bbl*

OWNER *Same*

CEMENT AMOUNT ORDERED *180 s/s cement 3% oil*

290-74

EQUIPMENT

PUMP TRUCK CEMENTER *LaRosa E. White*

422 HELPER *Wynne McElroy*

BULK TRUCK

891/241 DRIVER *Darren Rocaite*

BULK TRUCK

DRIVER

COMMON *180 s/s* @ *17.70* *3222.00*

POZMIX @

GEL *338 #* @ *1.50* *1692.00*

CHLORIDE *508 #* @ *1.10* *558.80*

ASC @

Material Total @ *3,994.80*

(*1382.43 / 35%*) @

HANDLING *1796.44* @ *2.48* *482.71*

MILEAGE *288 km X 55* @ *2.75* *1343.10*

REMARKS:

Mix 180 s/s cement

Displace with water

Cement did approximate

3661 fo pit

Thank you

CHARGE TO: *Red Oak Energy*

STREET

CITY STATE ZIP

TOTAL

SERVICE

DEPTH OF JOB *2625'*

PUMP TRUCK CHARGE *1512.23*

EXTRA FOOTAGE @

MILEAGE *MI HV 55* @ *7.70* *423.50*

MANIFOLD *5000* @ *2.75* *275.00*

MI HV 55 @ *4.40* *242.00*

TOTAL *4,278.56*

(*1497.49 / 35%*)

PLUG & FLOAT EQUIPMENT

@

@

@

@

TOTAL

To: Allied Oil & Gas Services, LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME

SIGNATURE *[Signature]*

SALES TAX (if Any)

TOTAL CHARGES *8,228.36*

DISCOUNT *2,879.92 (35%)* IF PAID IN 30 DAYS

5,348.43 Net.