



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1147013
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: _____



1147013

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: <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> _____
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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	Red Oak Energy, Inc.
Well Name	Persinger Farms 1-1
Doc ID	1147013

Tops

Name	Top	Datum
Anhydrite	2071	417
Base/Anhy	2100	4385
Heebner	3514	-1026
Toronto	3540	-1052
Lansing	3555	-1067
BKC	3738	-1250
Arbuckle	3809	-1321
Regan	3821	-1333
Granite Wash	3842	-1354
Granite	3864	-1376



DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy, Inc.**

7701 E. Kellogg Dr. STE 710
Wichita, KS 67207

ATTN: Pat Deenihan

Persinger Farms #1-1

1-4s-24w Norton, KS

Start Date: 2013.05.19 @ 00:21:00

End Date: 2013.05.19 @ 06:43:28

Job Ticket #: 50747 DST #: 1

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

Printed: 2013.05.29 @ 09:54:13



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Red Oak Energy, Inc.
7701 E. Kellogg Dr. STE 710
Wichita, KS 67207
ATTN: Pat Deenihan

1-4s-24w Norton, KS
Persinger Farms #1-1
Job Ticket: 50747 **DST#: 1**
Test Start: 2013.05.19 @ 00:21:00

GENERAL INFORMATION:

Formation: **LKC 120' Zone**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:45:58
 Time Test Ended: 06:43:28
 Interval: **3646.00 ft (KB) To 3680.00 ft (KB) (TVD)**
 Total Depth: 3680.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ryan Nichols
 Unit No: 61
 Reference Elevations: 2489.00 ft (KB)
 2486.00 ft (CF)
 KB to GR/CF: 3.00 ft

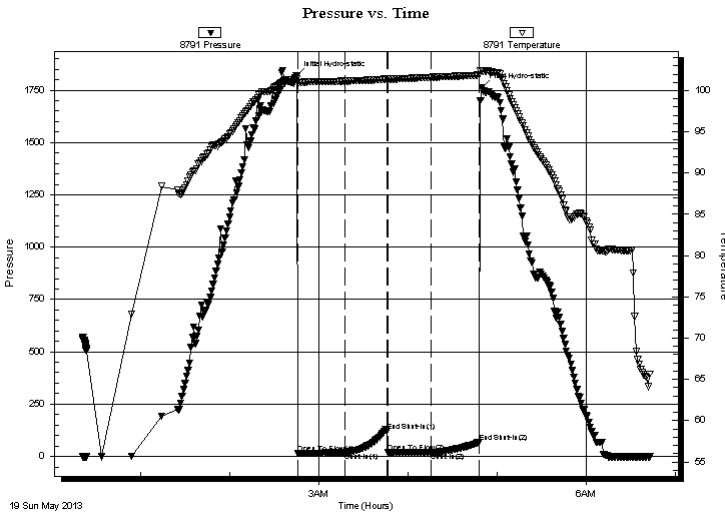
Serial #: 8791

Inside

Press @ Run Depth: 18.50 psig @ 3647.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.05.19 End Date: 2013.05.19 Last Calib.: 2013.05.20
 Start Time: 00:21:01 End Time: 06:43:28 Time On Btm: 2013.05.19 @ 02:44:58
 Time Off Btm: 2013.05.19 @ 04:49:58

TEST COMMENT: 30 IF - Surface blow built to 1/4"
 30 ISI - No return
 30 FF - No blow
 30 FSI - No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1817.67	101.37	Initial Hydro-static
1	15.44	100.98	Open To Flow (1)
33	17.33	101.16	Shut-In(1)
61	121.39	101.38	End Shut-In(1)
62	17.58	101.37	Open To Flow (2)
91	18.50	101.61	Shut-In(2)
124	67.17	101.87	End Shut-In(2)
126	1762.51	102.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud w/oil spots - 100%M	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy, Inc.

1-4s-24w Norton, KS

7701 E. Kellogg Dr. STE 710
Wichita, KS 67207

Persinger Farms #1-1

ATTN: Pat Deenihan

Job Ticket: 50747

DST#: 1

Test Start: 2013.05.19 @ 00:21:00

Tool Information

Drill Pipe:	Length: 3503.00 ft	Diameter: 3.80 inches	Volume: 49.14 bbl	Tool Weight: 2500.00 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: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 49.74 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3646.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3623.00	
Hydraulic tool	5.00			3628.00	
Jars	5.00			3633.00	
Safety Joint	3.00			3636.00	
Packer	5.00			3641.00	28.00 Bottom Of Top Packer
Packer	5.00			3646.00	
Packer - Shale	0.00			3646.00	
Stubb	1.00			3647.00	
Recorder	0.00	8791	Inside	3647.00	
Recorder	0.00	8651	Outside	3647.00	
Perforations	30.00			3677.00	
Bullnose	3.00			3680.00	34.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy, Inc.

1-4s-24w Norton, KS

7701 E. Kellogg Dr. STE 710
Wichita, KS 67207

Persinger Farms #1-1

Job Ticket: 50747

DST#: 1

ATTN: Pat Deenihan

Test Start: 2013.05.19 @ 00:21:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud w /oil spots - 100%M	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

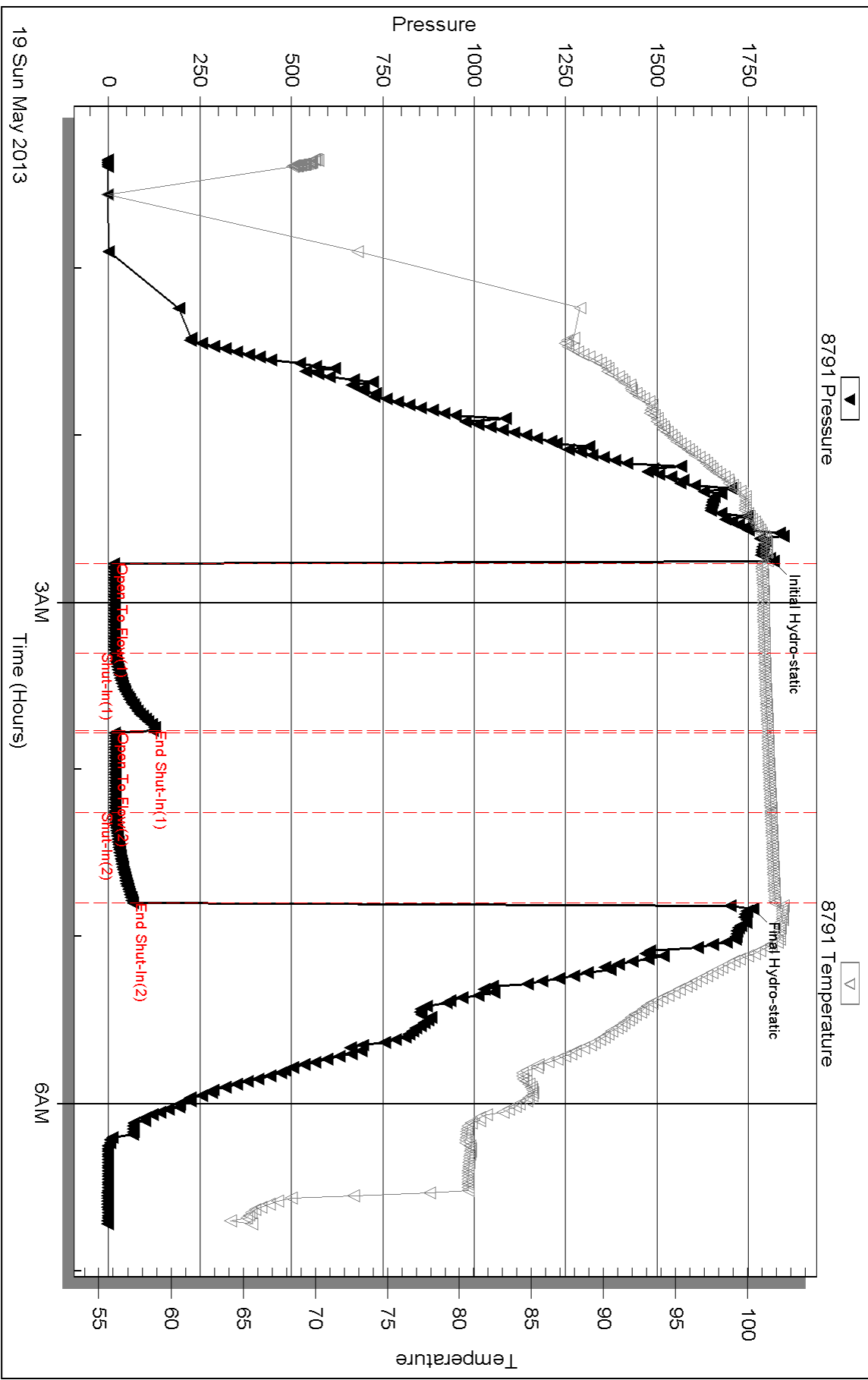
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

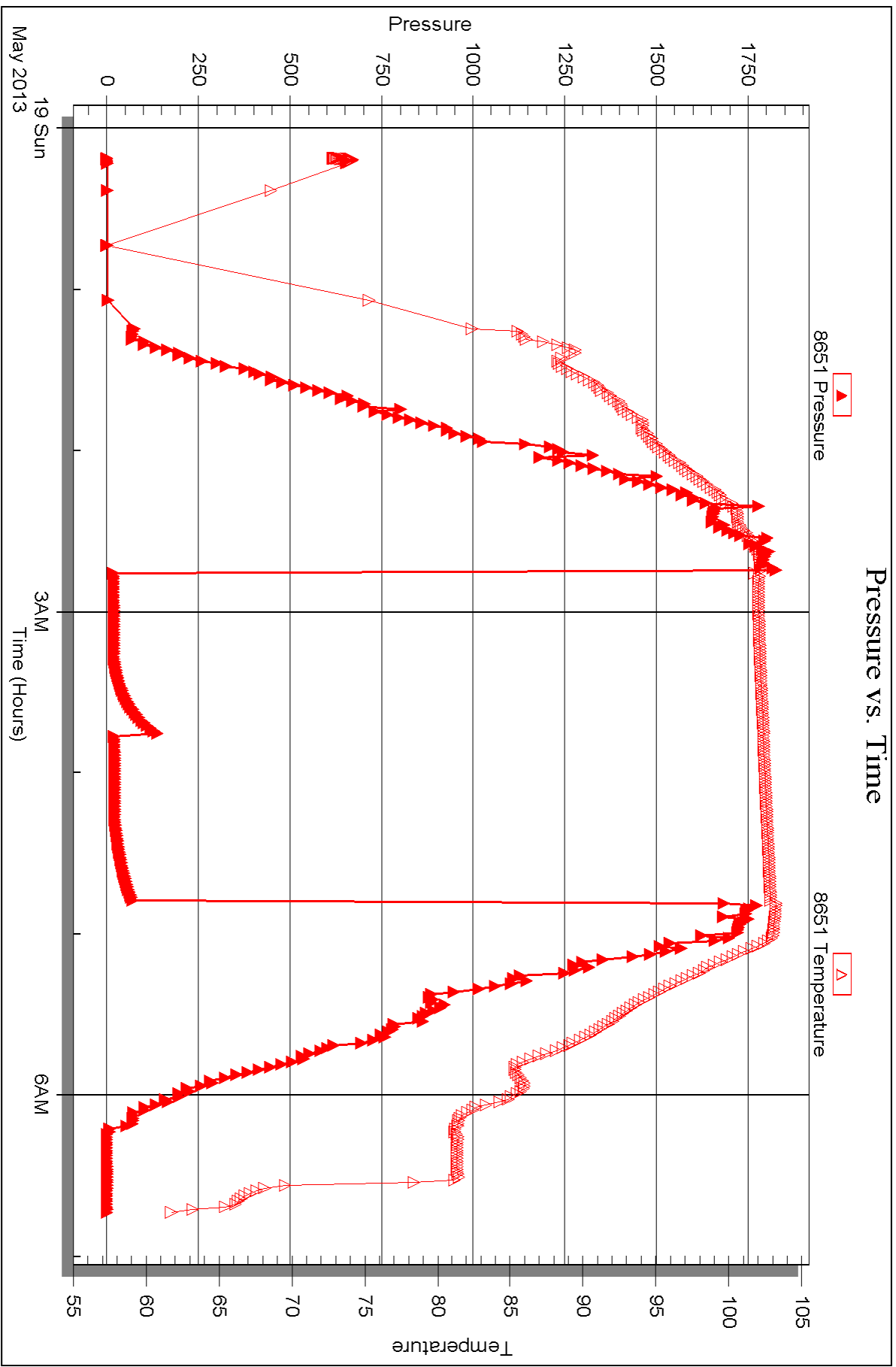


Serial #: 8651

Outside Red Oak Energy, Inc.

Persinger Farms #1-1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy, Inc.**

7701 E. Kellogg Dr. STE 710
Wichita, KS 67207

ATTN: Pat Deenihan

Persinger Farms #1-1

1-4s-24w Norton, KS

Start Date: 2013.05.20 @ 00:06:00

End Date: 2013.05.20 @ 08:36:30

Job Ticket #: 50748 DST #: 2

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

Printed: 2013.05.29 @ 09:52:04

Red Oak Energy, Inc.
1-4s-24w Norton, KS
Persinger Farms #1-1
DST # 2
Arbuckle
2013.05.20



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Red Oak Energy, Inc.
 7701 E. Kellogg Dr. STE 710
 Wichita, KS 67207
 ATTN: Pat Deenihan

1-4s-24w Norton, KS
Persinger Farms #1-1
 Job Ticket: 50748 **DST#: 2**
 Test Start: 2013.05.20 @ 00:06:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 02:55:00 Tester: Ryan Nichols
 Time Test Ended: 08:36:30 Unit No: 61
 Interval: **3786.00 ft (KB) To 3812.00 ft (KB) (TVD)** Reference Elevations: 2489.00 ft (KB)
 Total Depth: 3812.00 ft (KB) (TVD) 2486.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 3.00 ft

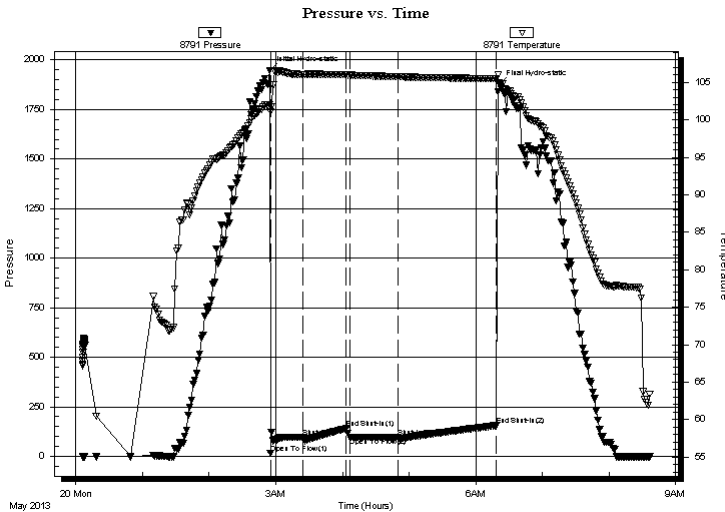
Serial #: 8791

Inside

Press @ Run Depth: 96.57 psig @ 3787.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.05.20 End Date: 2013.05.20 Last Calib.: 2013.05.21
 Start Time: 00:06:01 End Time: 08:36:30 Time On Btm: 2013.05.20 @ 02:54:30
 Time Off Btm: 2013.05.20 @ 06:21:00

TEST COMMENT: 30 IF - Surface blow built to 6 1/2"
 40 ISI - No return
 45 FF - No blow
 90 FSI - No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1947.25	102.04	Initial Hydro-static
1	15.87	101.10	Open To Flow (1)
30	95.93	106.09	Shut-In(1)
69	140.51	106.02	End Shut-In(1)
72	95.96	105.99	Open To Flow (2)
116	96.57	105.76	Shut-In(2)
204	155.59	105.51	End Shut-In(2)
207	1878.00	104.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud - 100%M	0.30
60.00	Mud - 100%M	0.30
30.00	Mud w/oil spots - 100%M	0.41

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy, Inc.

1-4s-24w Norton, KS

7701 E. Kellogg Dr. STE 710
Wichita, KS 67207

Persinger Farms #1-1

Job Ticket: 50748

DST#: 2

ATTN: Pat Deenihan

Test Start: 2013.05.20 @ 00:06:00

Tool Information

Drill Pipe:	Length: 3660.00 ft	Diameter: 3.80 inches	Volume: 51.34 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	2500.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	65000.00 lb
			<u>Total Volume: 51.94 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	43000.00 lb
Depth to Top Packer:	3786.00 ft			Final	45000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	26.00 ft				
Tool Length:	54.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3763.00	
Hydraulic tool	5.00			3768.00	
Jars	5.00			3773.00	
Safety Joint	3.00			3776.00	
Packer	5.00			3781.00	28.00 Bottom Of Top Packer
Packer	5.00			3786.00	
Packer - Shale	0.00			3786.00	
Stubb	1.00			3787.00	
Recorder	0.00	8791	Inside	3787.00	
Recorder	0.00	8651	Outside	3787.00	
Perforations	22.00			3809.00	
Bullnose	3.00			3812.00	26.00 Bottom Packers & Anchor

Total Tool Length: 54.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy, Inc.

1-4s-24w Norton, KS

7701 E. Kellogg Dr. STE 710
Wichita, KS 67207

Persinger Farms #1-1

Job Ticket: 50748

DST#: 2

ATTN: Pat Deenihan

Test Start: 2013.05.20 @ 00:06:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Mud - 100%M	0.295
60.00	Mud - 100%M	0.295
30.00	Mud w /oil spots - 100%M	0.412

Total Length: 150.00 ft

Total Volume: 1.002 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

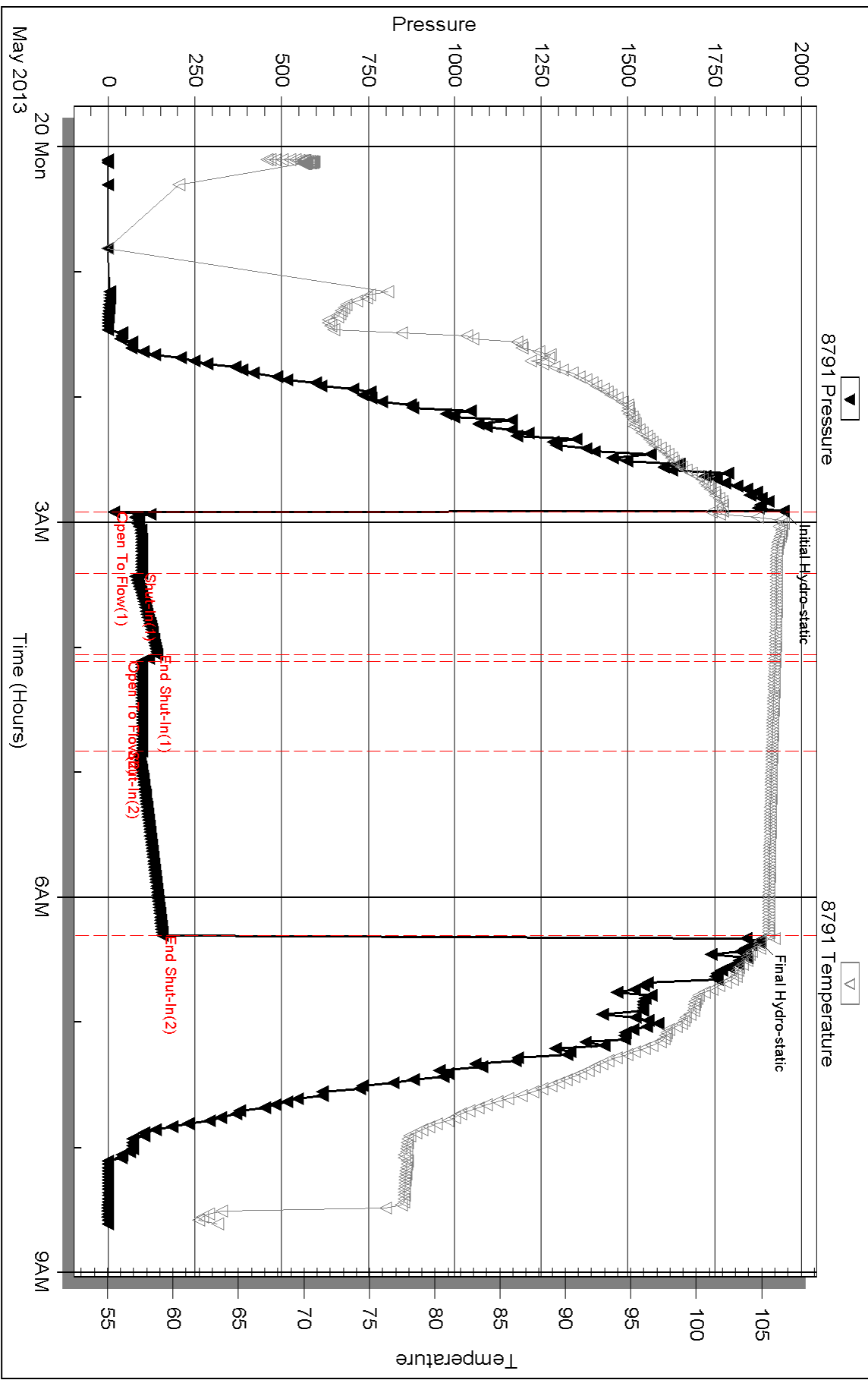
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

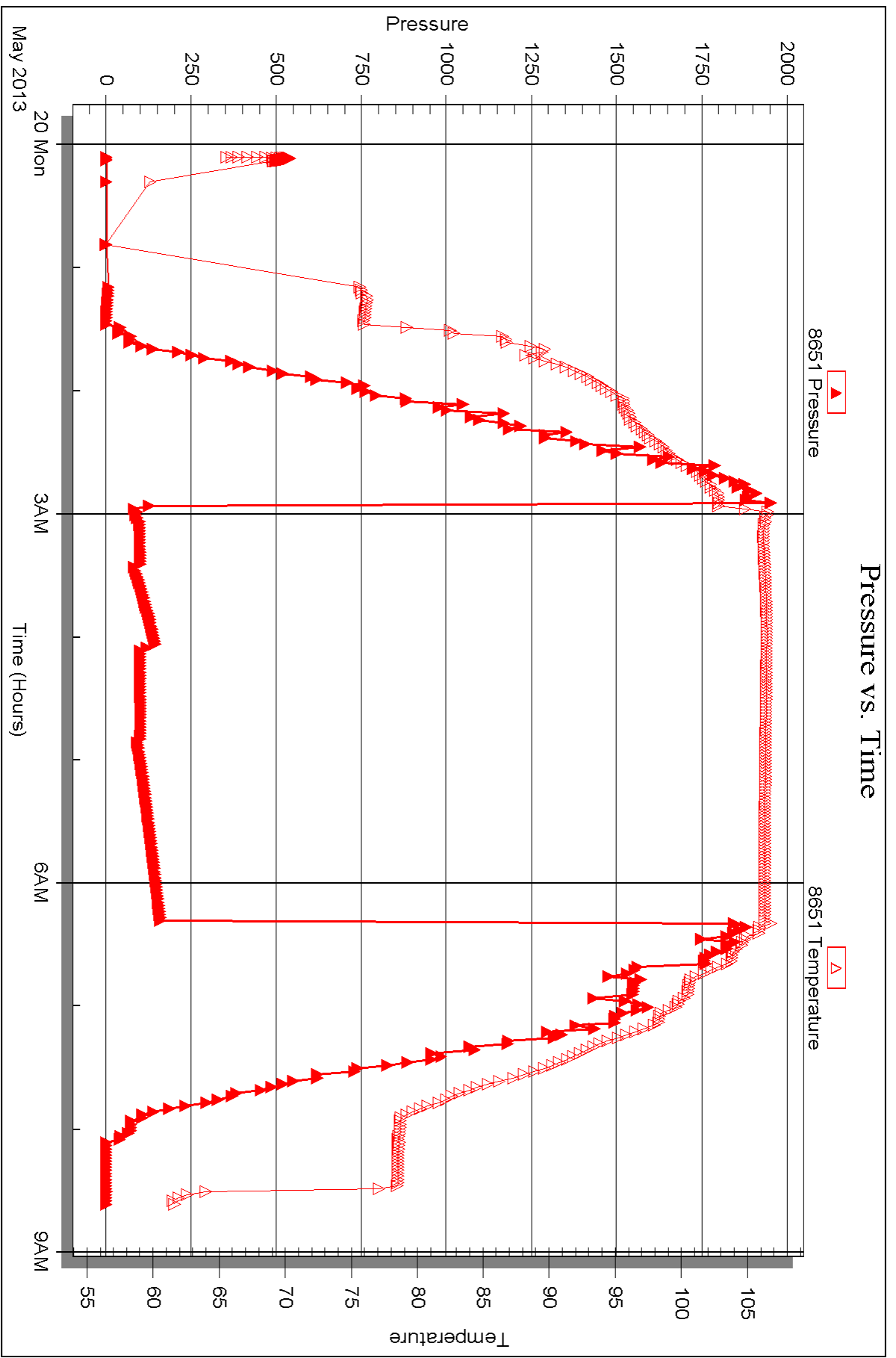


Serial #: 8651

Outside Red Oak Energy, Inc.

Persinger Farms #1-1

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy, Inc.**

7701 E. Kellogg Dr. STE 710
Wichita, KS 67207

ATTN: Pat Deenihan

Persinger Farms #1-1

1-4s-24w Norton, KS

Start Date: 2013.05.21 @ 16:01:00

End Date: 2013.05.21 @ 23:42:30

Job Ticket #: 50749 DST #: 3

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

Printed: 2013.05.29 @ 09:22:29

Red Oak Energy, Inc.

1-4s-24w Norton, KS

Persinger Farms #1-1

DST # 3

Arbuckle

2013.05.21



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Red Oak Energy, Inc.
 7701 E. Kellogg Dr. STE 710
 Wichita, KS 67207
 ATTN: Pat Deenihan

1-4s-24w Norton, KS
Persinger Farms #1-1
 Job Ticket: 50749 **DST#: 3**
 Test Start: 2013.05.21 @ 16:01:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:52:30
 Time Test Ended: 23:42:30
 Interval: **3792.00 ft (KB) To 3818.00 ft (KB) (TVD)**
 Total Depth: 3818.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Nichols
 Unit No: 61
 Reference Elevations: 2489.00 ft (KB)
 2486.00 ft (CF)
 KB to GR/CF: 3.00 ft

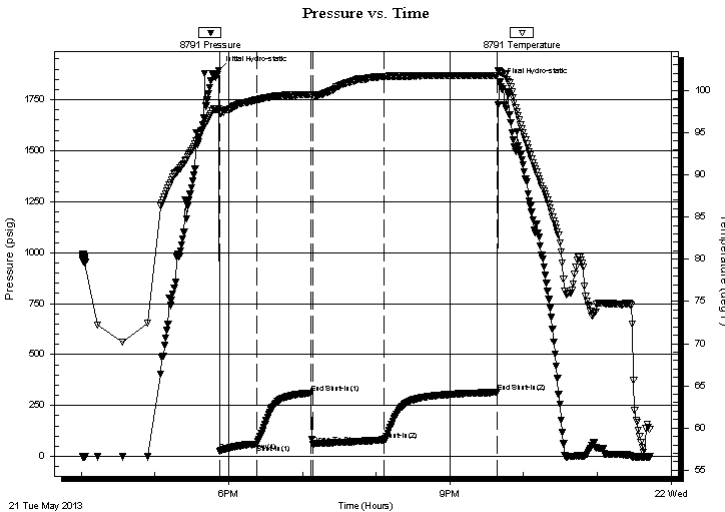
Serial #: 8791

Inside

Press @ Run Depth: 80.74 psig @ 3793.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.05.21 End Date: 2013.05.21 Last Calib.: 2013.05.21
 Start Time: 16:01:01 End Time: 23:42:30 Time On Btm: 2013.05.21 @ 17:51:30
 Time Off Btm: 2013.05.21 @ 21:40:30

TEST COMMENT: 30 IF - Surface blow built to 2 1/4"
 45 ISI - No return
 45 FF - 1/2" blow built to 3 1/4"
 90 FSI - Surface blow started @ 7 mins died @ 20 mins

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1894.17	97.86	Initial Hydro-static
1	24.46	97.30	Open To Flow (1)
31	59.81	98.86	Shut-In(1)
75	311.13	99.51	End Shut-In(1)
77	59.36	99.47	Open To Flow (2)
135	80.74	101.62	Shut-In(2)
227	314.61	101.78	End Shut-In(2)
229	1836.93	102.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM - 10%G - 45%o - 45%M	0.30
120.00	GMCO - 10%G - 40%M - 50%o	1.13

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy, Inc.

1-4s-24w Norton, KS

7701 E. Kellogg Dr. STE 710
Wichita, KS 67207

Persinger Farms #1-1

Job Ticket: 50749

DST#: 3

ATTN: Pat Deenihan

Test Start: 2013.05.21 @ 16:01:00

Tool Information

Drill Pipe:	Length: 3659.00 ft	Diameter: 3.80 inches	Volume: 51.33 bbl	Tool Weight: 2500.00 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: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 51.93 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3792.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	54.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3769.00	
Hydraulic tool	5.00			3774.00	
Jars	5.00			3779.00	
Safety Joint	3.00			3782.00	
Packer	5.00			3787.00	28.00 Bottom Of Top Packer
Packer	5.00			3792.00	
Packer - Shale	0.00			3792.00	
Stubb	1.00			3793.00	
Recorder	0.00	8791	Inside	3793.00	
Recorder	0.00	8651	Outside	3793.00	
Perforations	22.00			3815.00	
Bullnose	3.00			3818.00	26.00 Bottom Packers & Anchor

Total Tool Length: 54.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy, Inc.

1-4s-24w Norton, KS

7701 E. Kellogg Dr. STE 710
Wichita, KS 67207

Persinger Farms #1-1

Job Ticket: 50749

DST#: 3

ATTN: Pat Deenihan

Test Start: 2013.05.21 @ 16:01:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GOCM - 10%G - 45%o - 45%M	0.295
120.00	GMCO - 10%G - 40%M - 50%o	1.128

Total Length: 180.00 ft

Total Volume: 1.423 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

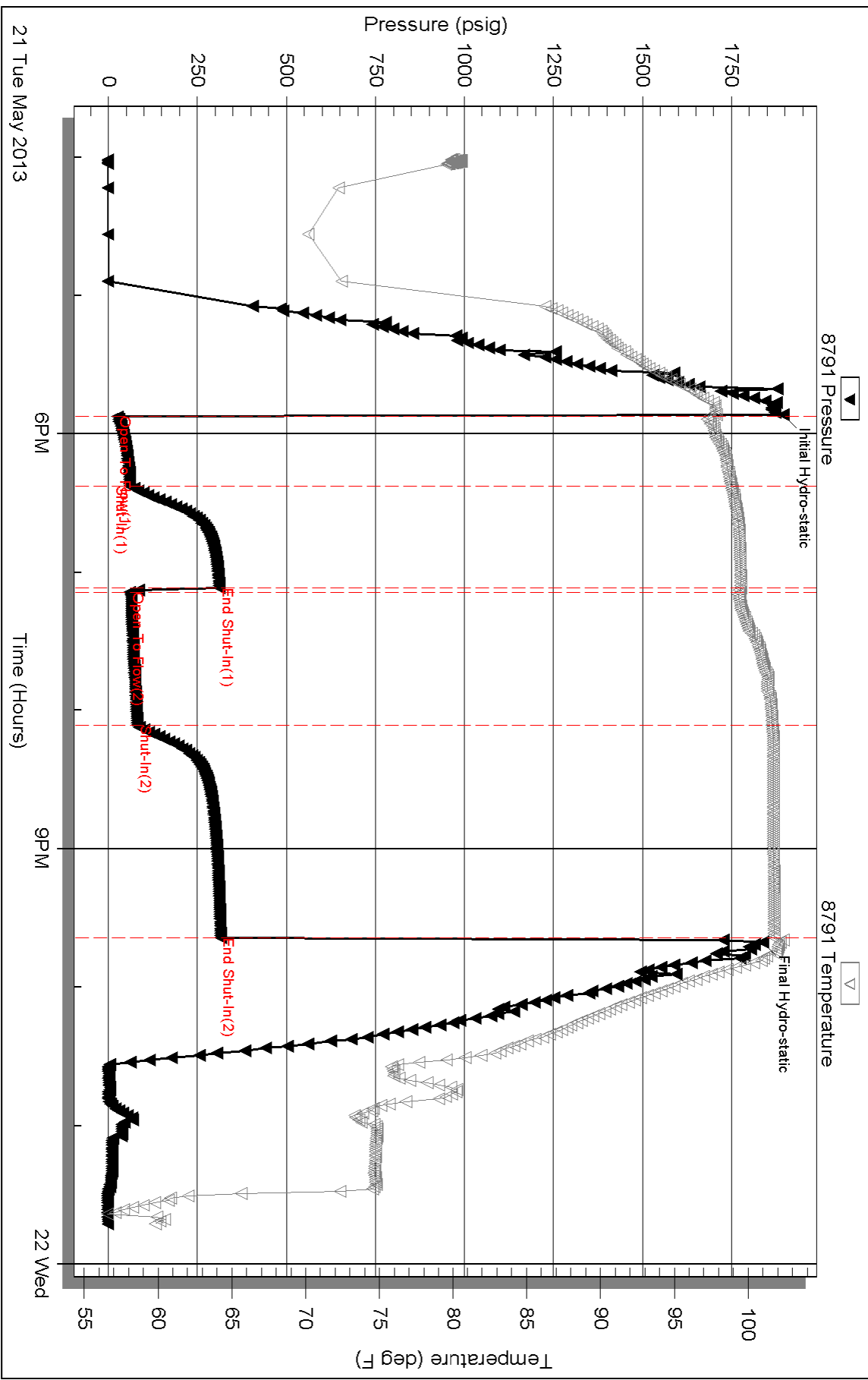
Serial #:

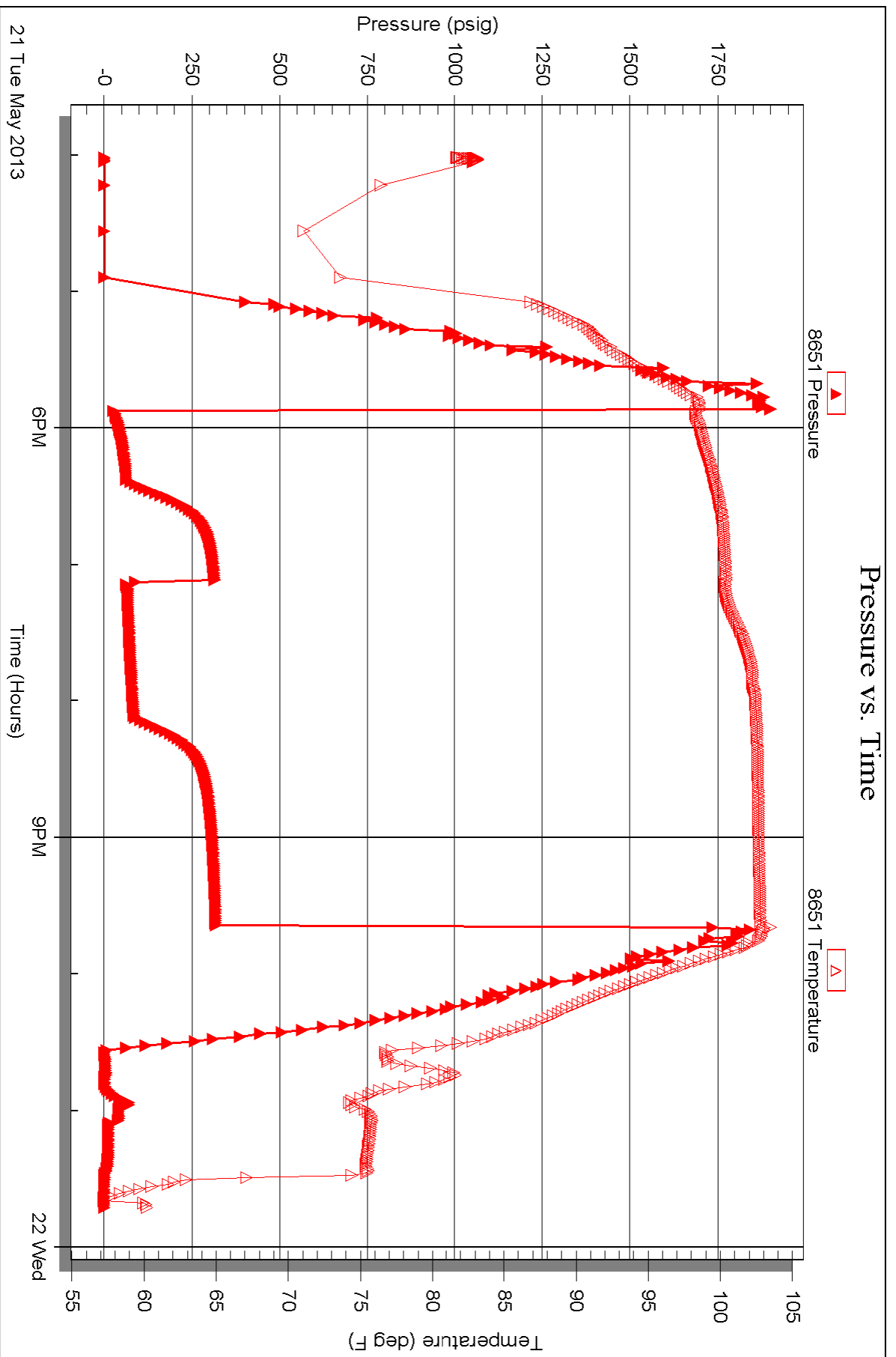
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50747

Well Name & No. Persinger Farms # 1-1 Test No. 1 Date 5/19/13
 Company Red Oak Energy, Inc Elevation 2489 KB 2486 GL
 Address 7701 E Kellogg Dr STE 710 Wichita, KS 67207
 Co. Rep / Geo. Pat Deenihan Rig WW#12
 Location: Sec. 1 Twp. 4S Rge. 24W Co. Norton State KS

Interval Tested 3646 - 3680 Zone Tested LKC 120' zone
 Anchor Length 34' Drill Pipe Run 3503' Mud Wt. 9.2
 Top Packer Depth 3641 Drill Collars Run 121' Vis 55
 Bottom Packer Depth 3646 Wt. Pipe Run 0 WL 7.2
 Total Depth 3680 Chlorides 1400 ppm System LCM 1

Blow Description IF - Surface blow built to 1/4"
ISI - No return
FF - No blow
FBI - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>20'</u>	<u>Mud w/ oil spots</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 20' BHT 1020 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1818</u>	<input checked="" type="checkbox"/> Test 1150	T-On Location <u>019:15</u>
(B) First Initial Flow <u>15</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>00:21</u>
(C) First Final Flow <u>17</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>02:57</u>
(D) Initial Shut-In <u>121</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>04:57</u>
(E) Second Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Hourly Standby <u>X 2. 75</u> 275	T-Out <u>06:55</u>
(F) Second Final Flow <u>19</u>	<input checked="" type="checkbox"/> Mileage <u>72 RT</u> 111.60	Comments _____
(G) Final Shut-In <u>67</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>1763</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
	<input checked="" type="checkbox"/> Shale Packer 250	<input type="checkbox"/> Ruined Packer _____
	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
	<input type="checkbox"/> Day Standby _____	Total <u>2111.60</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>2111.60</u>	

Initial Open 30
 Initial Shut-In 45
 Final Flow 60
 Final Shut-In 90

Approved By _____

Our Representative Pat Deenihan

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50748

Well Name & No. Persinger Farms #1-1 Test No. 2 Date 5/21/13
 Company Red Oak Energy Inc. Elevation 2489 KB 2486 GL
 Address 7701 E. Kellogg Dr. STE 710 Wichita, KS 67207
 Co. Rep / Geo. Pat Deenihan Rig WW #12
 Location: Sec. 1 Twp. 4S Rge. 24W Co. Norton State KS

Interval Tested 3786 - 3812 Zone Tested Arbuckle
 Anchor Length 26' Drill Pipe Run 3660' Mud Wt. 9.2
 Top Packer Depth 3781 Drill Collars Run 121' Vis 53
 Bottom Packer Depth 3786 Wt. Pipe Run 0' WL 7.2
 Total Depth 3812 Chlorides 1400 ppm System LCM 1
 Blow Description IF - Surface Blow built to 6 1/2"
ISI - No return
FF - No blow
FST - No return

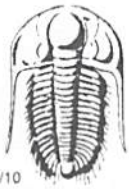
Rec	Feet of	%gas	%oil	%water	%mud
<u>30'</u>	<u>Mud w/oil spots</u>			<u>100</u>	
<u>60'</u>	<u>Mud</u>			<u>100</u>	
<u>60'</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 150' BHT 106° Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic <u>1947</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>00:00</u>
(B) First Initial Flow <u>16</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>00:06</u>
(C) First Final Flow <u>96</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>02:55</u>
(D) Initial Shut-In <u>141</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>06:20</u>
(E) Second Initial Flow <u>96</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>08:37</u>
(F) Second Final Flow <u>97</u>	<input checked="" type="checkbox"/> Mileage <u>72 RT</u> 111.60	Comments
(G) Final Shut-In <u>156</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1878</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> Ruined Shale Packer <u>350</u>
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>40</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Total <u>2186.60</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1836.60</u>	

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50749

4/10

Well Name & No. Persinger Farms # 1-1 Test No. 3 Date 5/21/13
 Company Red Oak Energy Inc. Elevation 2489 KB 2486 GL
 Address 7701 E. Kellogg Dr. STE 710 Wichita, KS 67207
 Co. Rep / Geo. Pat Deenihan Rig WW #12
 Location: Sec. 1 Twp. 4S Rge. 24 W Co. Norton State KS

Interval Tested 3792-3818 Zone Tested Arbuckle
 Anchor Length 26' Drill Pipe Run 3659' Mud Wt. 9.4
 Top Packer Depth 3787 Drill Collars Run 121' Vis 50
 Bottom Packer Depth 3792 Wt. Pipe Run 0' WL 7.2
 Total Depth 3818 Chlorides 1600 ppm System LCM 1
 Blow Description IF - Surface blow @ built to 2 1/4"
ISI - No return
FF - 1/2" blow built to 3 1/4"
FSL - Surface blow started @ 7 mins died @ 20 mins

Rec	Feet of	GMCO	10 %gas	50 %oil	%water	40 %mud
60	60	GMCO	10	50		40
60	60	GMCO	10	50		40
60	60CM		10	45		45
			%gas	%oil	%water	%mud
			%gas	%oil	%water	%mud

Rec Total 180' BHT 102° Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>1894</u>	<input checked="" type="checkbox"/> Test 1150	T-On Location <u>15:45</u>
(B) First Initial Flow <u>24</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>16:01</u>
(C) First Final Flow <u>60</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>17:53</u>
(D) Initial Shut-In <u>311</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>21:38</u>
(E) Second Initial Flow <u>59</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>23:42</u>
(F) Second Final Flow <u>81</u>	<input checked="" type="checkbox"/> Mileage <u>72 RT</u> 223.20	Comments <u>loaded tools 5/22 9:30</u>
(G) Final Shut-In <u>315</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1837</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input checked="" type="checkbox"/> Shale Packer 250	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1948.20</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1948.20</u>	

Approved By _____

Our Representative Pat Deenihan

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SCHIPPER'S OIL FIELD SERVICES, L.L.C.

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT:

Russell, KS - 14010, KC

1st stage

1019

DATE 5-22-13	SEC. 13	TWP. 1-1	RANGE	CALLED OUT	ON LOCATION	JOB START 10:45pm	JOB FINISH 11:45pm
LEASEE Per Singer	WELL #. 1-1	LOCATION Lenoira, KS	10N 1 1/2 E		COUNTY Norton	STATE KS	
OLD OR NEW (CIRCLE ONE)							

CONTRACTOR uluw Drilling OWNER _____

TYPE OF JOB 2-stage AMOUNT ORDERED 1755x com

HOLE SIZE 5 1/2 CEMENT 2 1/2 lb Plaster

TUBING SIZE	DEPTH
DEPTH	
DEPTH	
DRILL PIPE	
TOOL WEATHER BAND DV TOOL	DEPTH 2086.65
PRES. MAX	MINIMUM
MEAS. LINE	SHOB JOINT 20.62
CEMENT LEFT IN CSG. 20.62	
PERFS	
DISPLACEMENT 9166l	EQUIPMENT

PUMP TRUCK # <u>P1</u>	CEMENTER <u>Heath</u>
BULK TRUCK # <u>B1</u>	HELPER <u>Cady</u>
BULK TRUCK #	DRIVER <u>Jay</u>
	DRIVER

HANDLING 186x @ 15.50 = 2712.50

MILEAGE .0818x1m/k @ 20.50 = 1669.60

TOTAL 4064.70

REMARKS:
 Ran 91 Hrs of 5 1/2 15.5# new casing and landing it - EST circulation for 7 hr. Hook up and pump 500 gal @ 1100 and 10 bbl KCL - m.v 175 sv - shut down wash pump and lines clean - release plug and disp 4 bbl H2O and 57 bbl mud - holding pressure @ 600ps. Plug landed @ 1500ps - released and slider held - Ann opening tool - wait 15 min and open DV tool @ ps. - hook up and circulate 3 hrs

CHARGE TO: Red Oak Energy

STREET _____ CITY _____ STATE _____ ZIP _____

Schippers Oil Field Services, L.L.C.,
 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. Thank you!!!

PRINTED NAME _____
 SIGNATURE [Signature]

SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE	1st stage 1850.00
EXTRA FOOTAGE	
MILEAGE	16.50 1585.00
MANIFOLD	2.00 180.00
TOTAL	2,615.00

PLUG & FLOAT EQUIPMENT

40 Scratchers	@ 165.00	6600.00
8 Cent	@ 732.00	5840.00
3 baskets	@ 315.00	945.00
1 ALTA float	@ 350.00	350.00
2 stage with both	@ 4950.00	9900.00
500 gal mud tank	1100	1100.00
10 bbl KCL	1078	1078.00
TOTAL		40,054.00

SALES TAX (if Any) _____
 TOTAL CHARGES 46,733.70
 DISCOUNT _____ IF PAID IN 30 DAYS _____

SCHIPPER'S OIL FIELD SERVICES, L.L.C.

2nd St

1020

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT:

Russell, KS - Movie us

DATE 5-23-13	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE Persinger	WELL #. 1-1		LOCATION Lendra, ks 10M		COUNTY Norton	5:30am	6:30am
OLD OR <u>NEW</u> (CIRCLE ONE)			1 1/2 E Sinto				STATE KS

CONTRACTOR Ww Drilling OWNER

TYPE OF JOB 2 stage CEMENT AMOUNT ORDERED 475sv 60140 6% gel

HOLE SIZE	T.D.
CASING SIZE 5 1/2	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL DV 7001	DEPTH 2086.65
PRES. MAX 1600ps.	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS	
DISPLACEMENT 50 bbl	EQUIPMENT

PUMP TRUCK # 01	CEMENTER Heath		
BULK TRUCK # 01	HELPER Cody		
BULK TRUCK #	DRIVER Jay		
BULK TRUCK #	DRIVER		
HANDLING 500sv			\$1,050.00
MILEAGE .081sv/mile			\$1,800.00
	TOTAL		\$2,850.00

REMARKS:
 Circulated for 3hrs - Hooped up and pumped 500 gal mud flush and 10 bbl RLZ. Subbed RH to 1430sv - Hooped up to 15 1/2 casing and pumped 445sv - shut down and washed pump and lines. Clean. Hooped 1700 and disp 50 bbl of RLZ. Plug landed @ 1600sv - released and held - Circulated 15 bbl of cement to P.T.I.

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

Schippers Oil Field Services, L.L.C.,
 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. Thank you!

PRINTED NAME _____
 SIGNATURE _____

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGES 2nd Stage Charge	\$1,250.00	
EXTRA FOOTAGE	@	
MILEAGE	@	
MANIFOLD	@	
	@	
	@	
TOTAL		\$1,250.00

PLUG & FLOAT EQUIPMENT

500 gal Mud Flush	@ \$1.00	\$500.00
10 bbl RLZ	@ \$12.50	\$1,250.00
	@	
	@	
	@	
TOTAL		\$1,750.00

SALES TAX (if Any)

TOTAL CHARGES \$11,280.00

DISCOUNT

IF PAID IN 30 DAYS

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

June 12, 2013

Debby Rogers
Red Oak Energy, Inc.
7701 E KELLOGG DR STE 710
PO BOX 783140
WICHITA, KS 67207-1738

Re: ACO1
API 15-137-20653-00-00
Persinger Farms 1-1
NW/4 Sec.01-04S-24W
Norton 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,
Debby Rogers