



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1273859
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: _____

1273859

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	Red Oak Energy, Inc.
Well Name	Johnson View 1-30
Doc ID	1273859

All Electric Logs Run

CND
DIL
SON
MIC



CHARGE TO: **Red Oak**
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET **28955**
 PAGE 1 OF 2

1. SERVICE LOCATION: **North KS** WELLPROJECT NO.: **1-30** LEASE: **Johnson View** COUNTY/PARISH: **Wallace** STATE: **KS** CITY: **Wallace** DATE: **8 DEC 15** OWNER:
 2. TICKET TYPE: SERVICE SALES CONTRACTOR: **Wallace** RIG NAME/NO.: **2** SHIPPED: DELIVERED TO: **location** ORDER NO.:
 3. WELL TYPE: **6-1** WELL CATEGORY: **Development** JOB PURPOSE: **connect long string** WELL PERMIT NO.:
 4. REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.			UNIT PRICE	AMOUNT	
		LOC	ACCT	DF		QTY.	U/M	QTY.			U/M
575					MILEAGE	150			5.00	750.00	
578					Pump Charge	1	ea		1250.00	1250.00	
403					Connect Basket	3	ea		250.00	750.00	
404					Post Collar	1	ea		2500.00	2500.00	
405					Packer shoe	1	ea		1300.00	1300.00	
406					Attach down plug & baggie	1	ea		2250.00	2250.00	
407					Insert Ft						
409					TURBOVIZER	5	in	10	ea	75.00	250.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY**, and **LIMITED WARRANTY** provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 DATE SIGNED: **Carl Paul** TIME SIGNED: A.M. P.M.
 REMIT PAYMENT TO:
SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300
 SURETY: OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE? CUSTOMER DID NOT WISH TO RESPOND
 SUBTOTAL: **12,816.03**
 TAX: **618.98**
 TOTAL: **13,435.01**
 SWIFT OPERATOR: **Carl Paul** APPROVAL: **Carl Paul**
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.
Thank You!



PO Box 466
 Ness City, KS 67560
 Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 28955

CUSTOMER: Red Oak

WELL: Johnson View 1-30

DATE: 8 Dec 15 PAGE: 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M		
325						Stratford Cement (see ct-2)	175	sk			12.25	2143.75
284						Cal Seal	800	lb	8	sk	30.00	240.00
283						SALT	900	lb			0.20	180.00
285						CFR-1	125	lb			4.50	562.50
276						Floacle	50	lb			2.85	142.50
281						MudFlush	500	gal			1.85	925.00
221						KCL Liquid	2	gal			25.00	50.00
290						D-Add	2	gal			42.00	84.00
SERVICE CHARGE												
581						MILEAGE CHARGE	103.25				1.50	154.875
583						LOADED MILES	150				0.75	112.50
CUBIC FEET							175					
TON MILES							1374.38					

CONTINUATION TOTAL 5299.03

JOB LOG

SWIFT Services, Inc.

DATE **DEC 15** PAGE NO.

CUSTOMER **Red Oak** WELL NO. **1-30** LEASE **Johnson View** JOB TYPE **Cement long string** TICKET NO. **28955**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sk SA-2 cement w/ 1/4" floccle 5 1/2" x 14# casing - 96 joints - Proceer shoe total ppe 4024' TD = 4812 port collar # 38 2419' shoejt 45' Dust valve 1, 3, 5, 7, 9, 11, 13, 15, 37, 39 Baskets 2, 14, 38
	1400							onloc TRK 114
	1455							start 5 1/2" x 14# casing in well
	1635							circulate well
						1500		Drop ball - set proceer shoe
	1745	4 1/2	12			350		Pump 500 gal mud flush
		4 1/2	20			350		Pump 20 bbl RCL flush
	1755		7					Plug RH 30SK
	1800	4 1/2	35			250		MIX SA-2 cement 145SK @ 15.3 ppg
								Drop latch down plug wash out pump & line
	1815	6				300		Displace plug
		6	92			650		
	1830	6	97			1500		Land plug
								Release pressure to truck - dived up
	1844							wash truck
								Rack up
	1920							Job complete
								Thanks Blain, Flint & Preston



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Red Oak Energy
7701 E. Kellogg Dr.
STE 710 Wichita KS 67207
ATTN: Sean Dennihan

Johnson View Farm #1-30
30-13-38w Wallace,KS
Job Ticket: 64493 **DST#: 1**
Test Start: 2015.12.03 @ 00:00:00

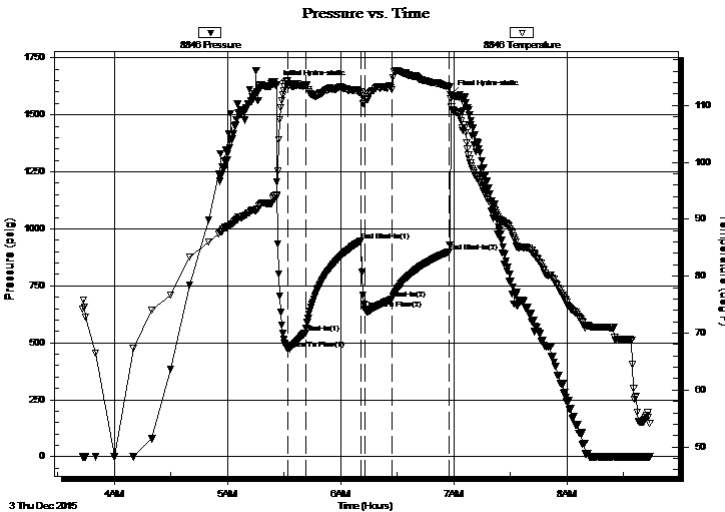
GENERAL INFORMATION:

Formation: **Topeka**
Deviated: No Whipstock: ft (KB)
Time Tool Opened:
Time Test Ended:
Interval: 3514.00 ft (KB) To 3563.00 ft (KB) (TVD)
Total Depth: 3563.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Mike Roberts
Unit No: 65
Reference Elevations: 3246.00 ft (KB)
3241.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8846 **Inside**
Press@RunDepth: 900.30 psig @ 3520.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.12.03 End Date: 2015.12.03 Last Calib.: 2015.12.03
Start Time: 03:43:15 End Time: 08:44:00 Time On Btm: 2015.12.03 @ 05:26:00
Time Off Btm: 2015.12.03 @ 06:58:15

TEST COMMENT: IF:BOB in 30 seconds.
IS:No return blow
FF:BOB in 30 seconds
FS:No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1632.99	94.17	Initial Hydro-static
6	472.41	114.35	Open To Flow (1)
16	544.28	113.41	Shut-In(1)
45	948.00	112.33	End Shut-In(1)
47	647.63	110.66	Open To Flow (2)
62	691.49	112.81	Shut-In(2)
92	900.30	113.28	End Shut-In(2)
93	1589.51	111.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
118.00	gcomw 5%g 15%o 20%m 60%w	0.58
310.00	gcow 10%g 40%o 50%w	4.35
496.00	gcom 10%g 30%o 60%m	6.96
486.00	ocm 1%o 99%m	6.82

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy
7701 E. Kellogg Dr.
STE 710 Wichita KS 67207
ATTN: Sean Dennihan

Johnson View Farm #1-30
30-13-38w Wallace,KS
Job Ticket: 64493 **DST#: 1**
Test Start: 2015.12.03 @ 00:00:00

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: 20000 ppm
Viscosity: 32.00 sec/qt	Cushion Volume: bbl	
Water Loss: in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 21000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
118.00	gcomw 5%g 15%o 20%m 60%w	0.580
310.00	gcow 10%g 40%o 50%w	4.348
496.00	gcom 10%g 30%o 60%m	6.958
486.00	ocm 1%o 99%m	6.817

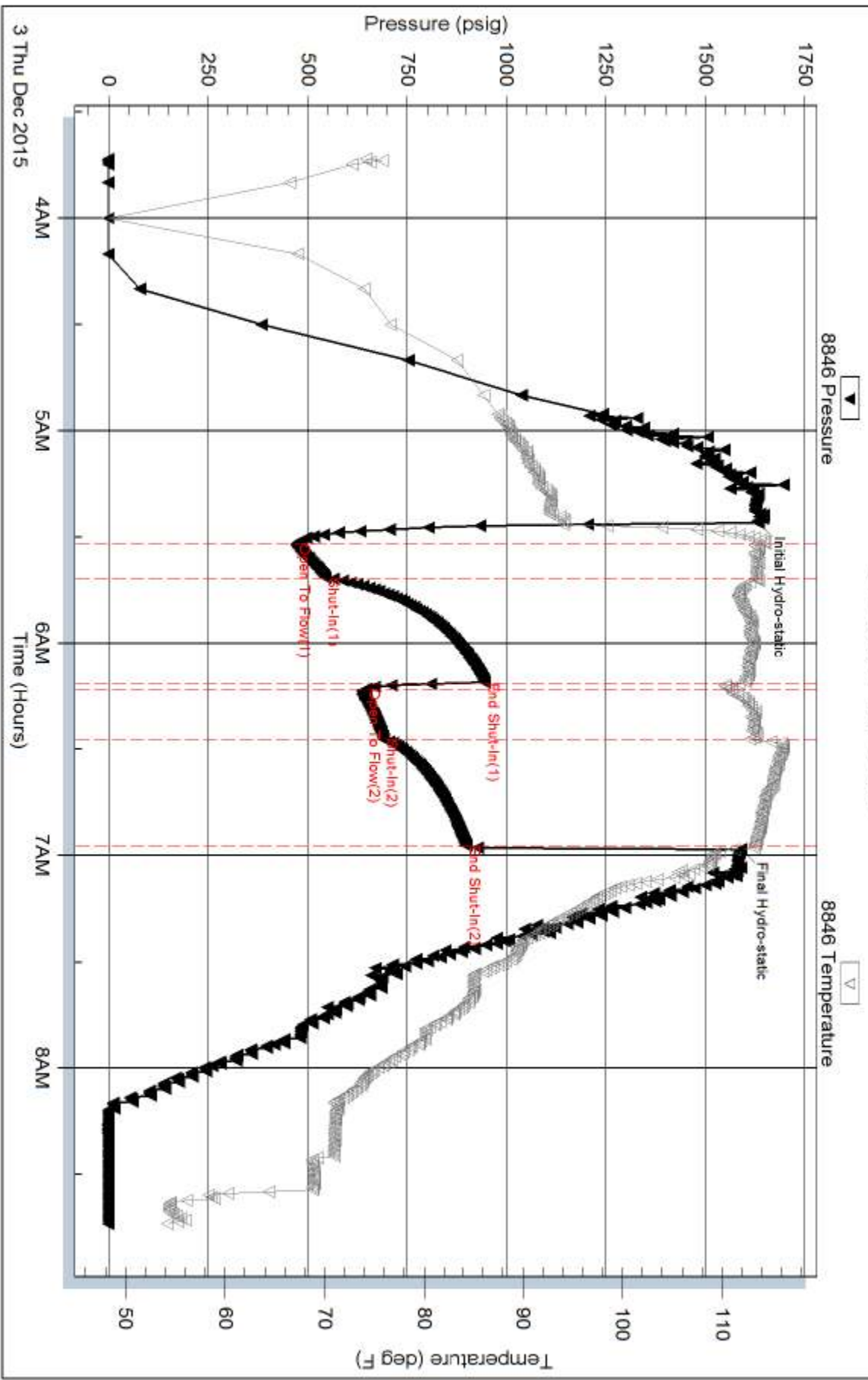
Total Length: 1410.00 ft Total Volume: 18.703 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW= .6 @ 42.6= 20,000 ppm

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Red Oak Energy

30-13-38w Wallace Co KS

7701 E. Kellogg Dr.
STE 710 Wichita KS
67207

Johnson View Farms

ATTN: Sean Dennihan

Job Ticket: 64495

DST#: 2

Test Start: 2015.12.03 @ 18:54:15

GENERAL INFORMATION:

Formation: **Lecompton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:22:00

Time Test Ended: 00:08:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 3702.00 ft (KB) To 3740.00 ft (KB) (TVD)

Total Depth: 3740.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3246.00 ft (KB)

3241.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8846

Inside

Press @ Run Depth: 567.17 psig @ 3735.00 ft (KB)

Start Date: 2015.12.03

End Date:

2015.12.04

Start Time: 18:54:15

End Time:

00:08:45

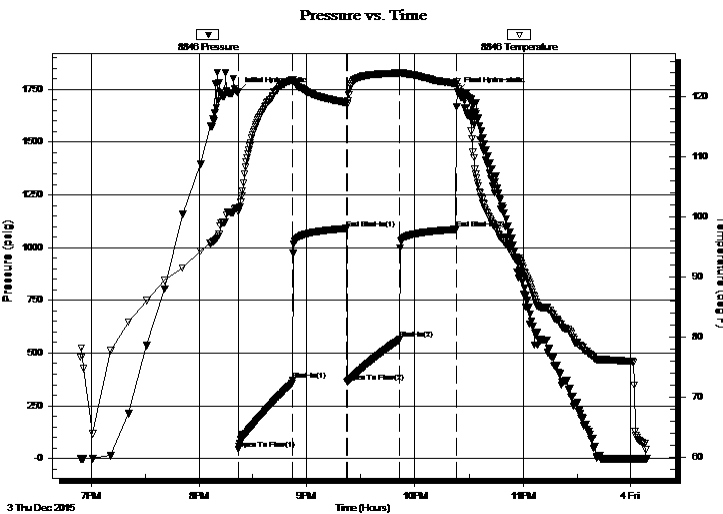
Capacity: 8000.00 psig

Last Calib.: 2015.12.04

Time On Btm: 2015.12.03 @ 20:21:45

Time Off Btm: 2015.12.03 @ 22:23:45

TEST COMMENT: IF: Built to 2" blow
IS: No return blow
FF: Built to 2" blow
FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1738.06	101.51	Initial Hydro-static
1	45.34	100.92	Open To Flow (1)
31	369.77	122.85	Shut-In(1)
61	1090.92	119.04	End Shut-In(1)
61	361.47	118.83	Open To Flow (2)
90	567.17	124.01	Shut-In(2)
122	1086.76	122.25	End Shut-In(2)
122	1739.02	121.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
366.00	mcw 10% m 90% w	4.06
640.00	w cm 5% w 95% m	8.98

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy

30-13-38w Wallace Co KS

7701 E. Kellogg Dr.
STE 710 Wichita KS
67207

Johnson View Farms

Job Ticket: 64495

DST#: 2

ATTN: Sean Dennihan

Test Start: 2015.12.03 @ 18:54:15

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:

30000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
366.00	mcw 10%m 90%w	4.059
640.00	w cm 5%w 95%m	8.978

Total Length: 1006.00 ft Total Volume: 13.037 bbl

Num Fluid Samples: 0

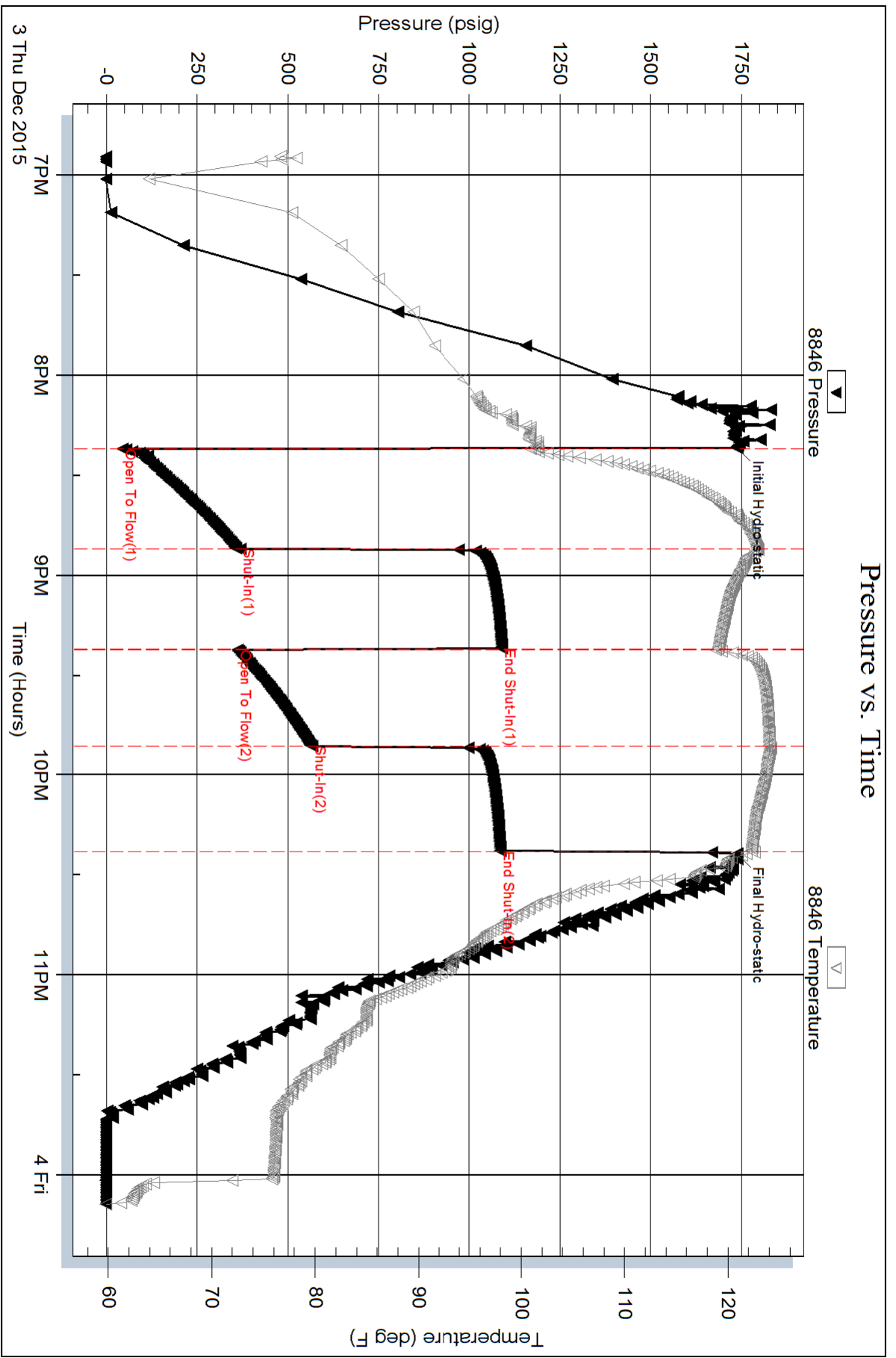
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .5@ 37.3*= 30,000 ppm





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Red Oak Energy

30-13-38w Wallace Co KS

7701 E. Kellogg Dr.
STE 710 Wichita KS
67207

Johnson View Farms

Job Ticket: 64496

DST#: 3

ATTN: Sean Dennihan

Test Start: 2015.12.04 @ 08:16:15

GENERAL INFORMATION:

Formation: **Lansing A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:46:45

Time Test Ended: 13:34:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 3787.00 ft (KB) To 3826.00 ft (KB) (TVD)

Reference Elevations: 3246.00 ft (KB)

Total Depth: 3826.00 ft (KB) (TVD)

3241.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8846

Inside

Press@RunDepth: 106.64 psig @ 3821.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.12.04

End Date:

2015.12.04

Last Calib.:

2015.12.04

Start Time: 08:16:15

End Time:

13:34:00

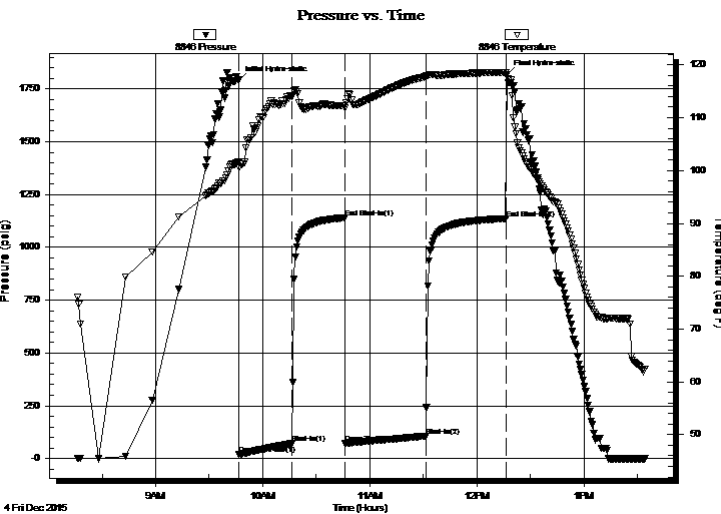
Time On Btm:

2015.12.04 @ 09:46:30

Time Off Btm:

2015.12.04 @ 12:16:45

TEST COMMENT: IF: Built to 4" blow
IS: No return blow
FF: Built to 6 1/2" blow
FS: Built to weak surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1790.94	101.59	Initial Hydro-static
1	19.61	100.59	Open To Flow (1)
30	71.28	113.94	Shut-In(1)
60	1140.00	112.22	End Shut-In(1)
60	73.46	111.83	Open To Flow (2)
105	106.64	117.80	Shut-In(2)
150	1136.09	118.57	End Shut-In(2)
151	1818.39	118.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	w cm 20%w 80%m	1.73

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy

30-13-38w Wallace Co KS

7701 E. Kellogg Dr.
STE 710 Wichita KS
67207

Johnson View Farms

Job Ticket: 64496

DST#: 3

ATTN: Sean Dennihan

Test Start: 2015.12.04 @ 08:16:15

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:

32000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	w cm 20%w 80%m	1.731

Total Length: 200.00 ft Total Volume: 1.731 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

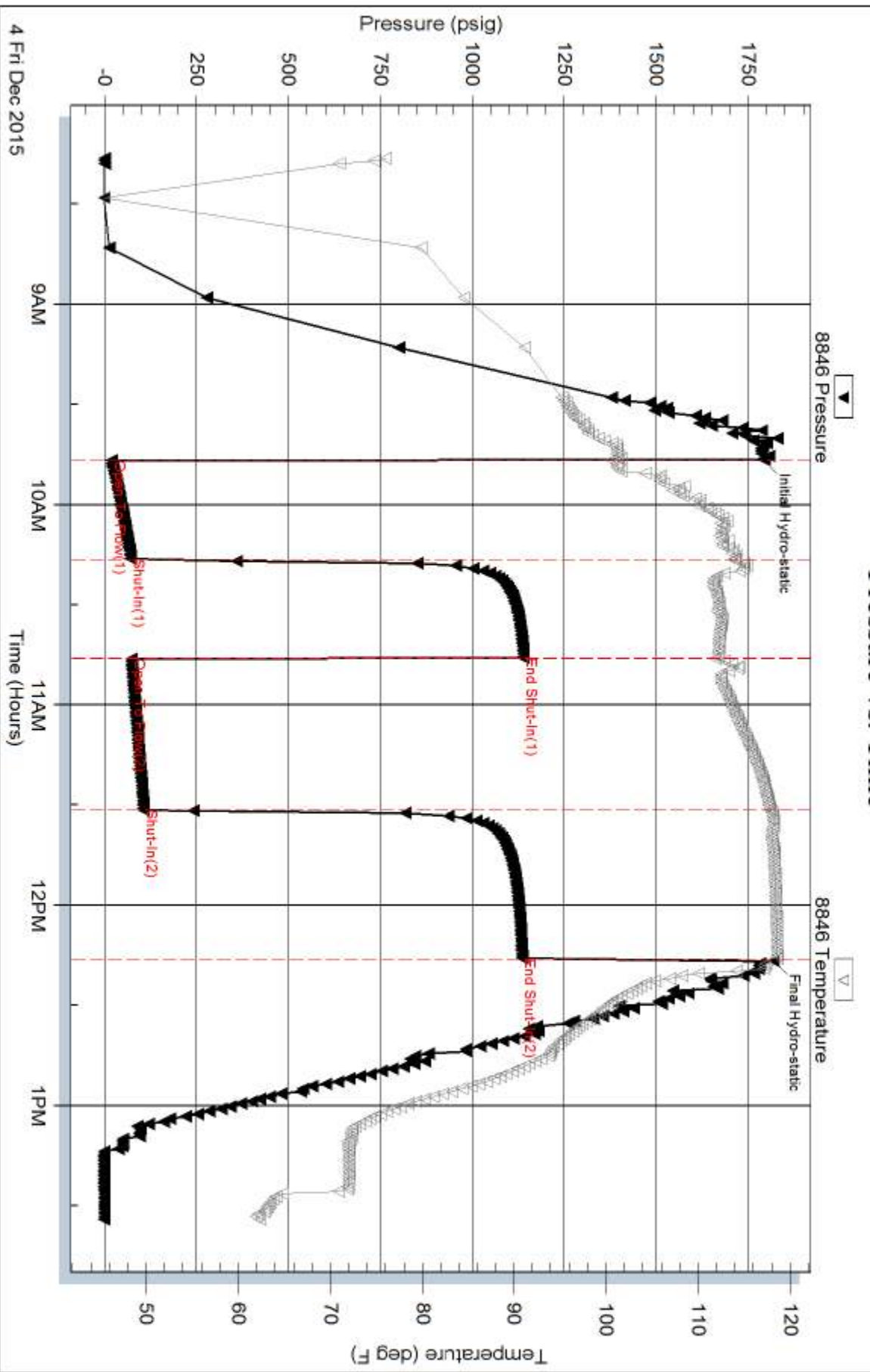
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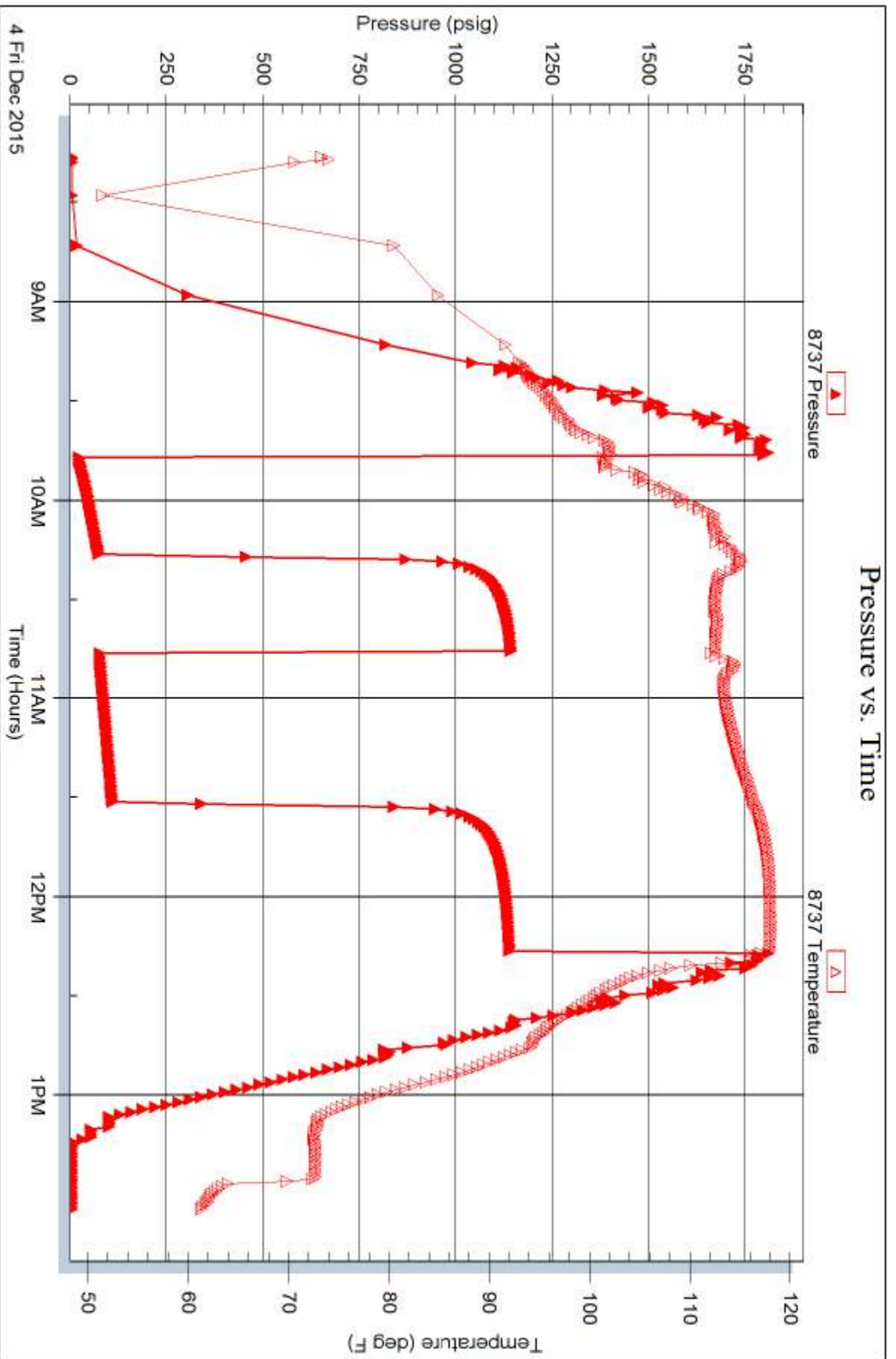
Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .3@55.1*=32000 ppm

Pressure vs. Time







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Red Oak Energy

30-13-38w Wallace Co KS

7701 E. Kellogg Dr.
STE 710 Wichita KS
67207

Johnson View Farms

Job Ticket: 64497

DST#: 4

ATTN: Sean Dennihan

Test Start: 2015.12.04 @ 19:51:15

GENERAL INFORMATION:

Formation: **C & D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:06:15

Time Test Ended: 01:52:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 3824.00 ft (KB) To 3878.00 ft (KB) (TVD)

Reference Elevations: 3246.00 ft (KB)

Total Depth: 3878.00 ft (KB) (TVD)

3241.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8846

Inside

Press @ Run Depth: 432.24 psig @ 3830.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.12.04

End Date:

2015.12.05

Last Calib.:

2015.12.05

Start Time:

19:51:15

End Time:

01:52:45

Time On Btm:

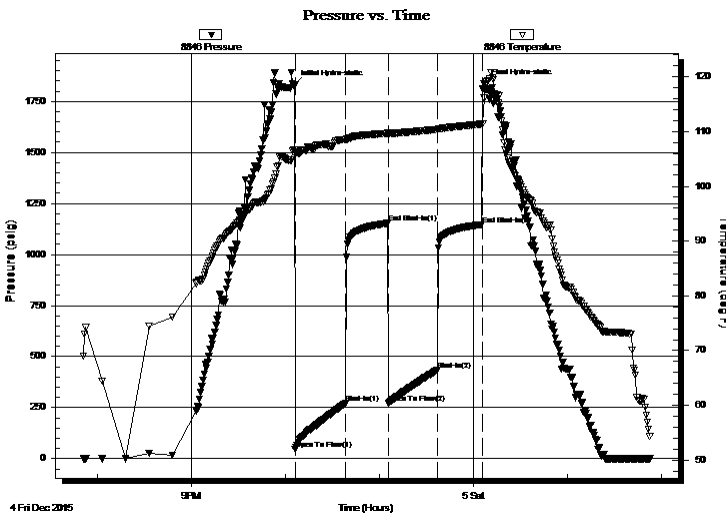
2015.12.04 @ 22:06:00

Time Off Btm:

2015.12.05 @ 00:06:45

TEST COMMENT: IF:BOB in 7 min.
IS:No return blow
FF:BOB in 8 min.
FS:No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1830.30	106.66	Initial Hydro-static
1	47.07	105.82	Open To Flow (1)
33	270.36	108.44	Shut-In(1)
60	1153.04	109.69	End Shut-In(1)
60	272.83	109.47	Open To Flow (2)
91	432.24	110.39	Shut-In(2)
120	1146.77	111.38	End Shut-In(2)
121	1838.12	116.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
490.00	mcw 10% m 90% w	5.80
310.00	mcw 40% m 60% w	4.35
134.00	w cm 10% w 90% m	1.88

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy

30-13-38w Wallace Co KS

7701 E. Kellogg Dr.
STE 710 Wichita KS
67207

Johnson View Farms

Job Ticket: 64497

DST#: 4

ATTN: Sean Dennihan

Test Start: 2015.12.04 @ 19:51:15

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:

32000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
490.00	mcw 10%m 90%w	5.798
310.00	mcw 40%m 60%w	4.348
134.00	w cm 10%w 90%m	1.880

Total Length: 934.00 ft Total Volume: 12.026 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

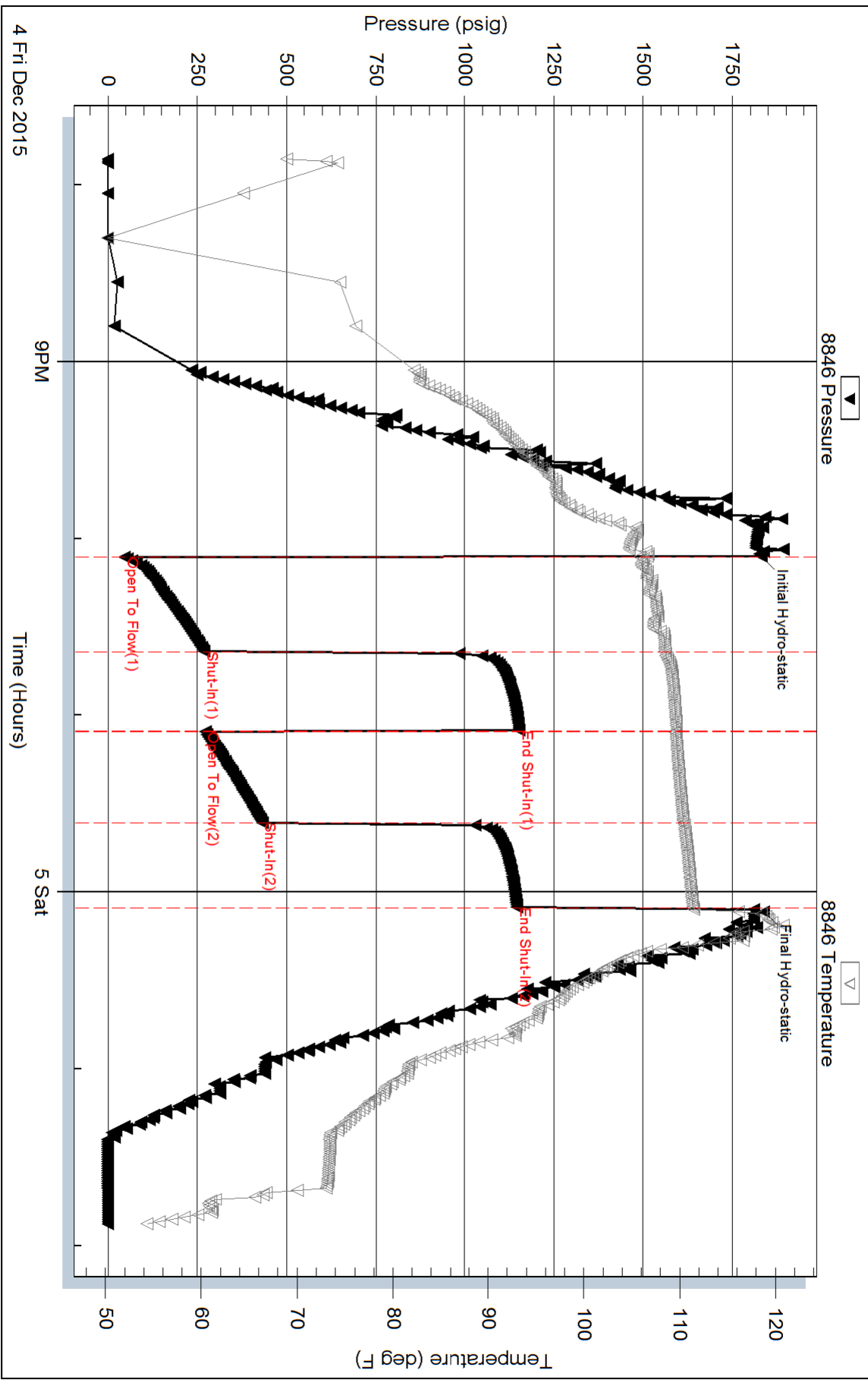
Serial #:

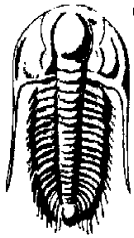
Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .3@ 58.2= 32,000 ppm

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Red Oak Energy

30-13-38w Wallace Co KS

7701 E. Kellogg Dr.
STE 710 Wichita KS
67207

Johnson View Farms

Job Ticket: 64498

DST#: 5

ATTN: Sean Dennihan

Test Start: 2015.12.06 @ 21:04:15

GENERAL INFORMATION:

Formation: **Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:09:30

Time Test Ended: 04:13:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4475.00 ft (KB) To 4540.00 ft (KB) (TVD)

Reference Elevations: 3246.00 ft (KB)

Total Depth: 4540.00 ft (KB) (TVD)

3241.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8846 Inside

Press @ Run Depth: 692.81 psig @ 4481.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.12.06

End Date:

2015.12.07

Last Calib.:

2015.12.07

Start Time: 21:04:00

End Time:

04:12:45

Time On Btm:

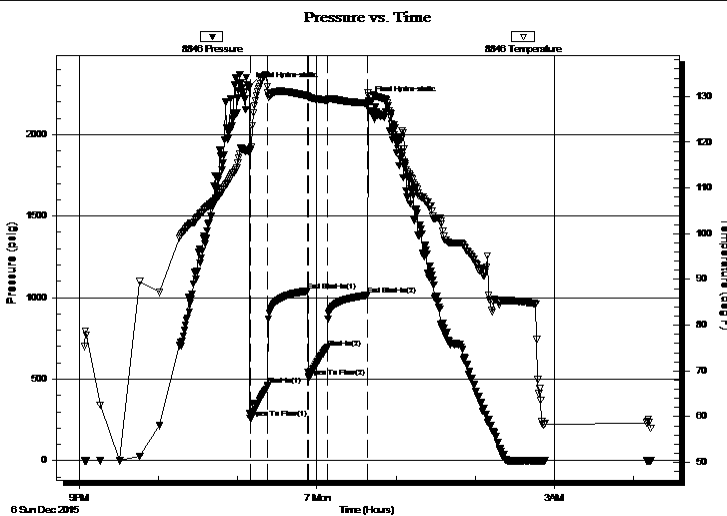
2015.12.06 @ 23:08:45

Time Off Btm:

2015.12.07 @ 00:38:45

TEST COMMENT: IF:BOB in 1 min.
IS:No return blow
FF:BOB in 1 1/2 min.
FS:No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2292.02	118.06	Initial Hydro-static
1	258.19	118.11	Open To Flow (1)
14	460.54	130.86	Shut-In(1)
45	1041.03	130.09	End Shut-In(1)
45	514.31	129.88	Open To Flow (2)
59	692.81	129.13	Shut-In(2)
90	1015.48	128.50	End Shut-In(2)
90	2207.57	130.85	Final Hydro-static

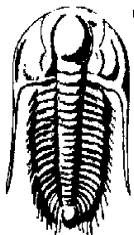
Recovery

Length (ft)	Description	Volume (bbl)
614.00	mcw 2 %m 98%w	7.54
310.00	mcw 50%m 50%w	4.35
496.00	mud 100%m	6.96

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy

30-13-38w Wallace Co KS

7701 E. Kellogg Dr.
STE 710 Wichita KS
67207

Johnson View Farms

Job Ticket: 64498

DST#: 5

ATTN: Sean Dennihan

Test Start: 2015.12.06 @ 21:04:15

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:

24000 ppm

Viscosity: 65.00 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: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
614.00	mcw 2 %m 98%w	7.538
310.00	mcw 50%m 50%w	4.348
496.00	mud 100%m	6.958

Total Length: 1420.00 ft Total Volume: 18.844 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

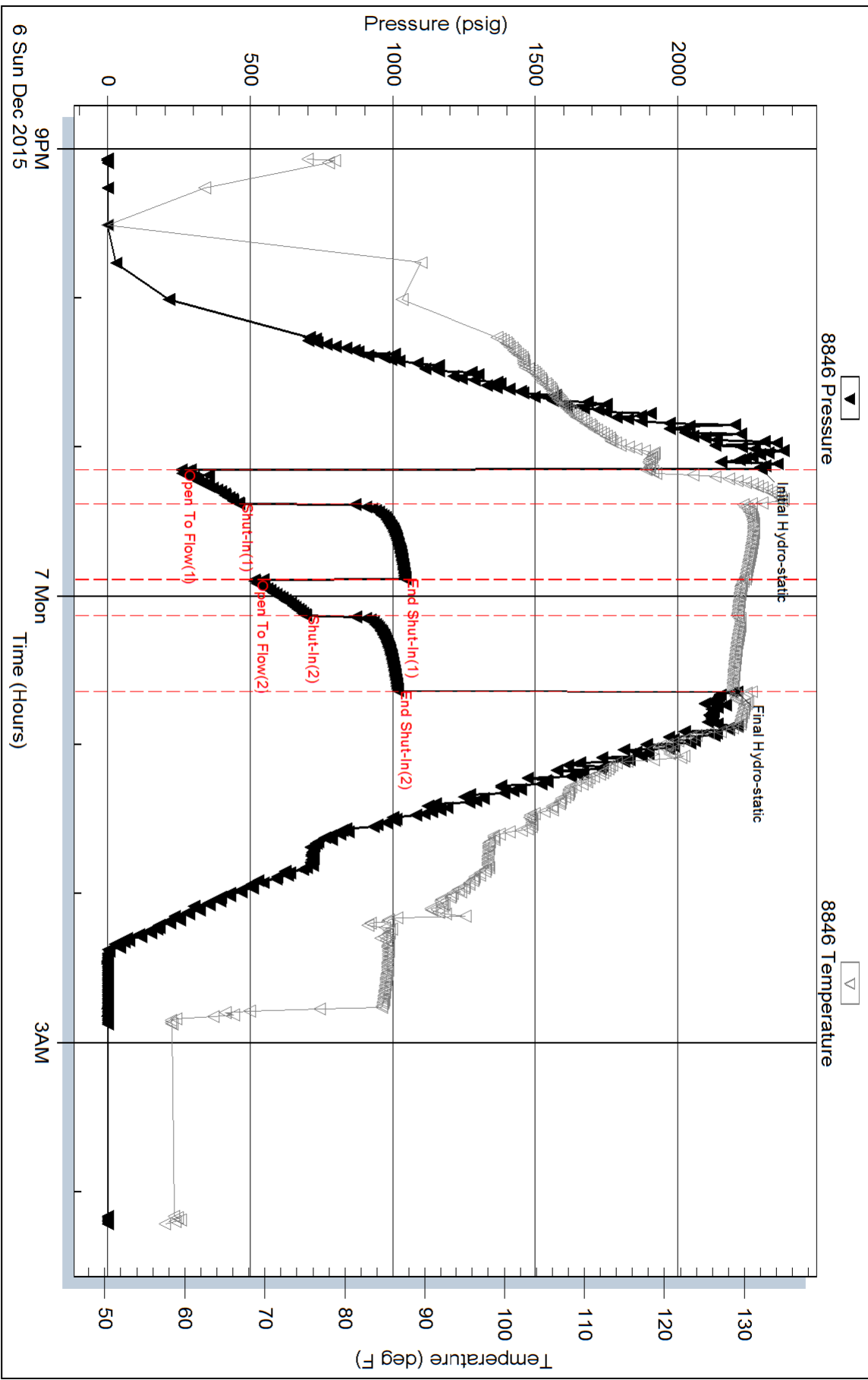
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .6@38.2= 24,000 ppm

Pressure vs. Time



Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



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

Jay Scott Emler, Chairman
Shari Feist Albrecht, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

April 06, 2016

Ryan Davis
Red Oak Energy, Inc.
7701 E KELLOGG DR STE 710
WICHITA, KS 67207-1738

Re: ACO-1
API 15-199-20434-00-00
Johnson View 1-30
SW/4 Sec.30-13S-38W
Wallace County, Kansas

Dear Ryan Davis:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 11/2/2015 and the ACO-1 was received on April 06, 2016 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department