



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1230413
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: _____

1230413

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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Services, Inc.

TICKET 26598

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

PAGE 1 OF 2

SERVICE LOCATIONS: North City KS WELL/PROJECT NO: 2-35 LEASE: Rollerco Trust COUNTY/PARISH: Logan STATE: KS CITY: Oakley DATE: 10/14 OWNER: _____
 2. TICKET TYPE: SERVICE CONTRACTOR RIG NAME/NO: 22 SHIPPED: DELIVERED TO: location ORDER NO.: _____
 3. WELL TYPE: 0.1 WELL CATEGORY: MURKIN JOB PURPOSE: Developments cement long string 2stage WELL PERMIT NO.: _____
 4. REFERRAL LOCATION: _____ INVOICE INSTRUCTIONS: _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575		1			TR 114	80	mi				6.00	480.00
579		1			Pump Charge	1	ea				2000.00	2000.00
402		1			Centralizer	5	in	12	ea		70.00	840.00
403		1			Cement Packer	5	in	2	ea		300.00	600.00
407		1			Insert Flat shoe w/ auto Fill	5	in	1	ea		375.00	375.00
408		1			DV tool	5	in	1	ea		3550.00	3550.00
417		1			DV tool latd down plug & boffle	5	in	1	ea		200.00	200.00
419		1			Rotating head rental	5	in	1	ea		200.00	200.00

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: _____ TIME SIGNED: _____
 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1	8245.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	13200.62
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				5	21524.12
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Log 25	1,221.55
ARE YOU SATISFIED WITH OUR SERVICE?				TAX 71.65	1,221.55
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					22,746.67

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR: _____ APPROVAL: _____
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 1 OCT 12 PAGE NO. 1

CUSTOMER Red Oak WELL NO. 2-35 LEASE Rahleder Trust JOB TYPE cement long string TICKET NO. 26598

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sk 8A-2w/1/2" floacle 5 1/2 x 15.5 # 300 sk SMD cement w/ 1/2" floacle TD = 4741' 113 jts - 4746' total pipe DV tool 2613' #51 shoejt 42.15' Bsdnt 5, 51 Centralize 6, 2, 4, 6, 8, 10, 12, 14, 16, 18, 50, 52
	1600							on loc TRK 114
	1645							start 5 1/2" x 15.5" casing in well
	1800							circulate well - joint 33 - 30 min
	1950							Drop ball - circulate - ROTATE
	2038	4	12			200		Pump mud flush 500 gal
		4	20			200		Pump KCL flush 20 bbl
	2045	4 1/2	42			200		mix EA-2 cement 175 sk @ 15.3 ppg
	2055							Drop latch down plug - 1st stage wash out pump & line
	2105	6				200		Displace plug (50 bbl H ₂ O + 62 mud)
		6	108			850		
	2130	6	112			1500		Land plug - 1st stage Release pressure to truck - dried up
	2132							Drop bomb wash truck -
	2141					1400		open DV tool
	2145							circulate well
	2345	4	20			250		pump 20 bbl RCL flush
			7					Plug RH - MH 30 sk - 20 sk
	2357	4 1/2	120			200		mix SMD cement 250 sk @ 11.8 ppg
2001	0029							Drop latch down plug - 2nd stage wash out pump & line
	0033	6				260		Displace plug
		6	56			350		cement to surface
		6	59			450		} 15 sk to pit
	0045	6	63			1600		
	0053							Land plug - close DV Release pressure to truck - dried up wash truck
	0135							Back up job complete

Thurman
Haines, Flint, Pearson & Gaud

ALLIED OIL & GAS SERVICES, LLC 064285

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Calley KS

DATE <u>10-10-14</u>	SEC. <u>35</u>	TWP. <u>11</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>6:00pm</u>	JOB START	JOB FINISH
LEASE <u>Rohleder</u>	WELL # <u>2-35</u>	LOCATION <u>Levant 4S 1E 1N</u>		COUNTY <u>Thomas</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)				<u>Quinto</u>			

CONTRACTOR Martin JJ OWNER Same

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4000' CEMENT

CASING SIZE _____ DEPTH _____ AMOUNT ORDERED 255 sks 60/40

TUBING SIZE 4 1/2 DEPTH 2820' 4' gel 1/4" Flo-seal

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 5.1 gal / 27.99 mnd

EQUIPMENT

PUMP TRUCK CEMENTER Paul Beaver

120 HELPER Tyler Flipse / Romero

BULK TRUCK # 323/308 DRIVER Chris (TWS)

BULK TRUCK # _____ DRIVER _____

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

Lite (60/40/4) 255 sks @ 18.92 4824.60

Flo-seal 64 sks @ 2.97 190.08

Material labor @ 704.60

(1150.58 / 23%) @

HANDLING 273.87 @ 2.48 679.20

MILEAGE 11.44 hrs & 30mi @ 2.75 943.80

TOTAL _____

SERVICE

DEPTH OF JOB 2820

PUMP TRUCK CHARGE 2483.59

EXTRA FOOTAGE _____ @ _____

MILEAGE MIL HV 30 @ 7.70 231.00

MANIFOLD _____ @ _____

MILV 30 @ 4.40 132.00

TOTAL 4,469.59

PLUG & FLOAT EQUIPMENT

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

TOTAL _____

REMARKS:

mix 50 sks @ 2820 Displace w/ mixed
mix 100 sks @ 1890 Displace w/ mixed
mix 50 sks @ 400'
mix 10 sks @ 40' w/ plug
mix 30 sks in R.H
mix 15 sks in m.d.

Thank You!
Paul + Crew

CHARGE TO: Red Oak Energy

STREET _____

CITY _____ STATE _____ ZIP _____

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 Jimmy Yehode

SALES TAX (if Any) _____

TOTAL CHARGES 7,484.27

DISCOUNT 2,181.38 (23%) IF PAID IN 30 DAYS

7,302.88 Net.



DRILL STEM TEST REPORT

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

7701 E Kellogg Dr STE 710
Wichita KS 67207

ATTN: Pat Deenihan

Rohleder Trust #2-35

35-11s-34w Logan,KS

Start Date: 2014.09.25 @ 18:52:00

End Date: 2014.09.26 @ 00:04:45

Job Ticket #: 57468 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.10.03 @ 09:12:06



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

35-11s-34w Logan,KS
Rohleder Trust #2-35
 Job Ticket: 57468 **DST#: 1**
 Test Start: 2014.09.25 @ 18:52:00

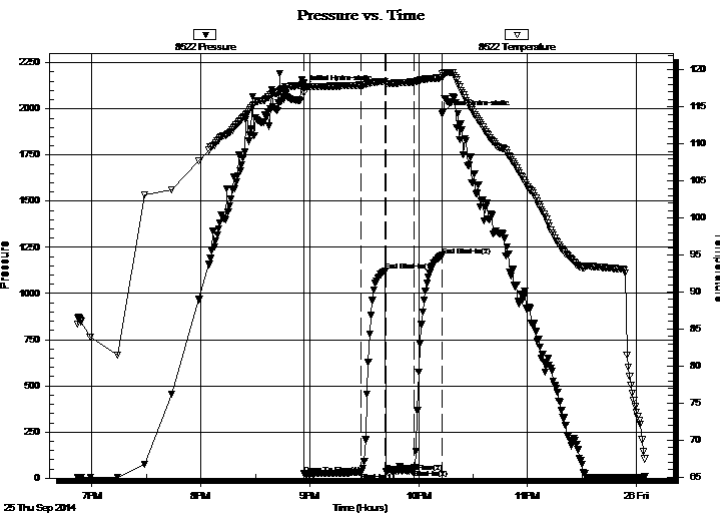
GENERAL INFORMATION:

Formation: **LKC B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:57:00
 Time Test Ended: 00:04:45
 Interval: **4102.00 ft (KB) To 4230.00 ft (KB) (TVD)**
 Total Depth: 4130.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Justin Harris
 Unit No: 69
 Reference Elevations: 3046.00 ft (KB)
 3035.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8522 Outside

Press@RunDepth: 45.65 psig @ 4103.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.09.25 End Date: 2014.09.26 Last Calib.: 2014.09.26
 Start Time: 18:52:05 End Time: 00:04:44 Time On Btm: 2014.09.25 @ 20:56:45
 Time Off Btm: 2014.09.25 @ 22:13:00

TEST COMMENT: 30: Couple bubbles died.
 15: No Return.
 15: No Blow.
 15: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2107.72	118.21	Initial Hydro-static
1	22.57	116.96	Open To Flow (1)
32	30.52	117.94	Shut-In(1)
45	1120.23	118.45	End Shut-In(1)
46	33.22	118.12	Open To Flow (2)
61	45.65	118.37	Shut-In(2)
76	1206.74	118.94	End Shut-In(2)
77	1971.98	119.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy Inc.

35-11s-34w Logan,KS

7701 E Kellogg Dr STE 710
Wichita KS 67207

Rohleder Trust #2-35

Job Ticket: 57468

DST#: 1

ATTN: Pat Deenihan

Test Start: 2014.09.25 @ 18:52:00

Tool Information

Drill Pipe:	Length: 3849.00 ft	Diameter: 3.80 inches	Volume: 53.99 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 55.16 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4102.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4078.00	
Shut In Tool	5.00			4083.00	
Hydraulic tool	5.00			4088.00	
Jars	5.00			4093.00	
Packer	5.00			4098.00	25.00 Bottom Of Top Packer
Packer	4.00			4102.00	
Stubb	1.00			4103.00	
Recorder	0.00	8365	Inside	4103.00	
Recorder	0.00	8522	Outside	4103.00	
Perforations	24.00			4127.00	
Bullnose	3.00			4130.00	28.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy Inc.

35-11s-34w Logan,KS

7701 E Kellogg Dr STE 710
Wichita KS 67207

Rohleder Trust #2-35

Job Ticket: 57468

DST#: 1

ATTN: Pat Deenihan

Test Start: 2014.09.25 @ 18:52:00

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:

0 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

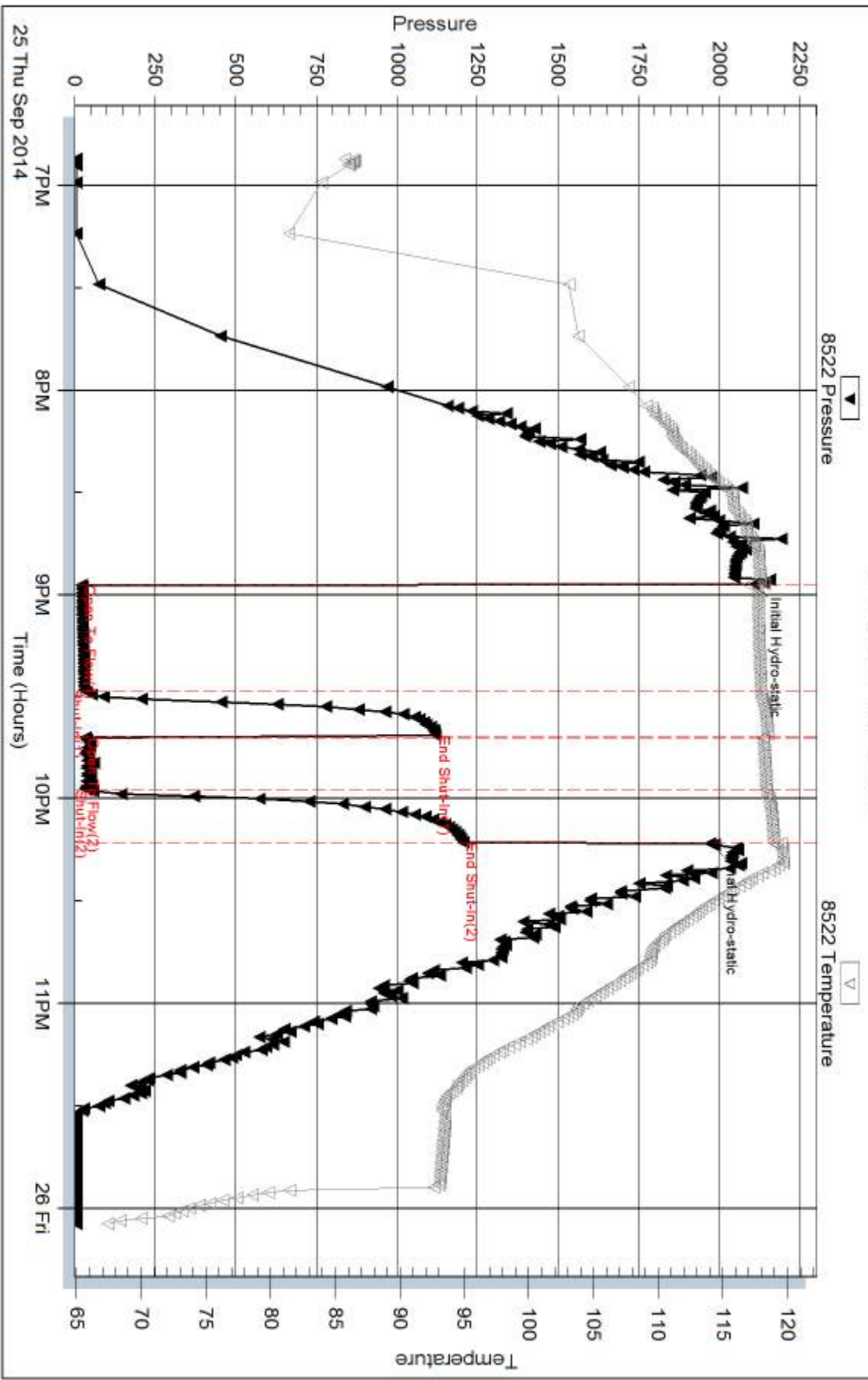
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



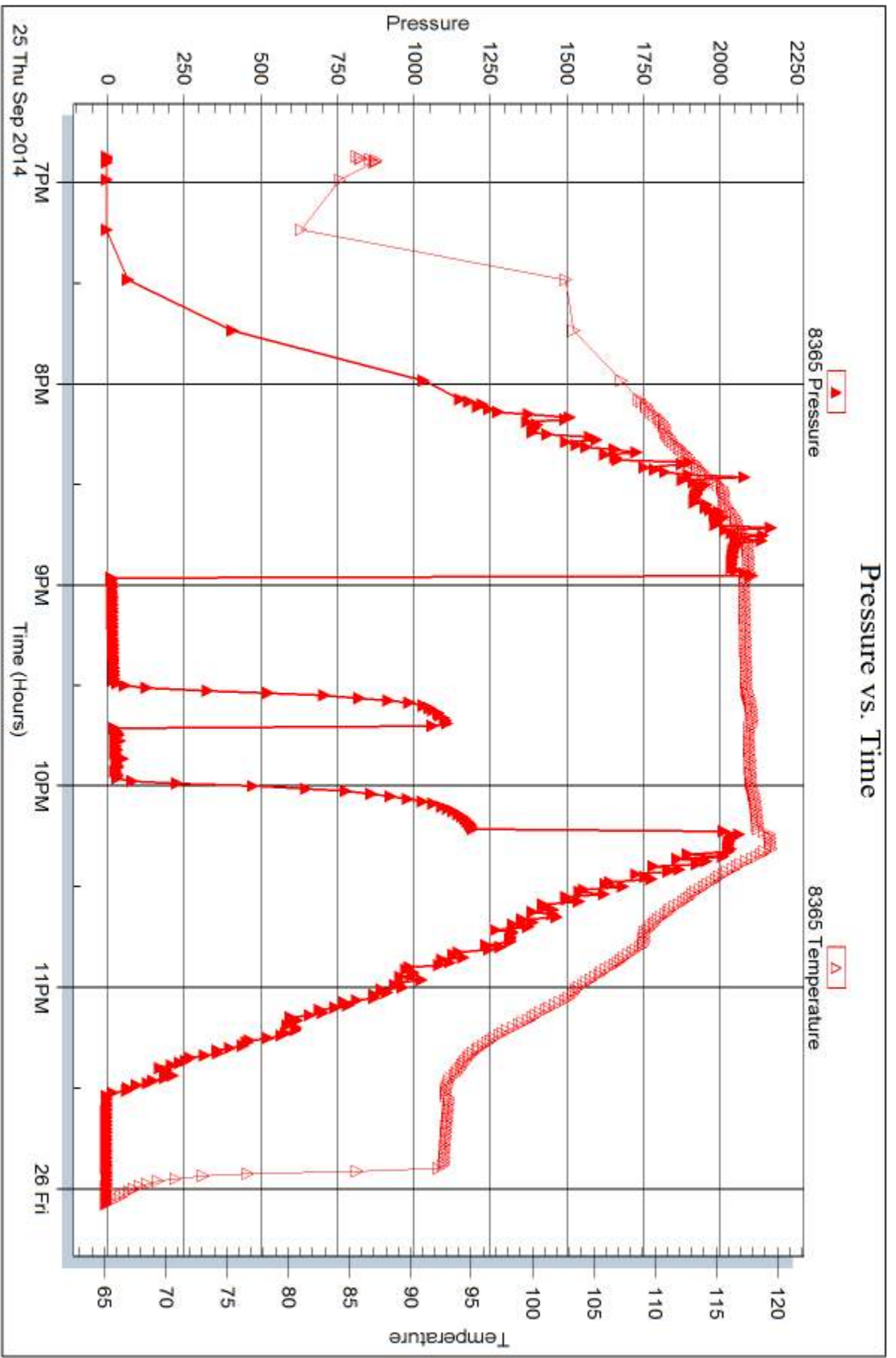
Serial #: 8365

Inside

Red Oak Energy Inc.

Rohleder Trust #2-35

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 57468

Printed: 2014, 10:03 @ 09:12:07



DRILL STEM TEST REPORT

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

7701 E Kellogg Dr STE 710
Wichita KS 67207

ATTN: Pat Deenihan

Rohleder Trust #2-35

35-11s-34w Logan,KS

Start Date: 2014.09.26 @ 11:29:00

End Date: 2014.09.26 @ 16:23:45

Job Ticket #: 57469 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.10.03 @ 09:11:43



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

35-11s-34w Logan,KS
Rohleder Trust #2-35
Job Ticket: 57469 **DST#: 2**
Test Start: 2014.09.26 @ 11:29:00

GENERAL INFORMATION:

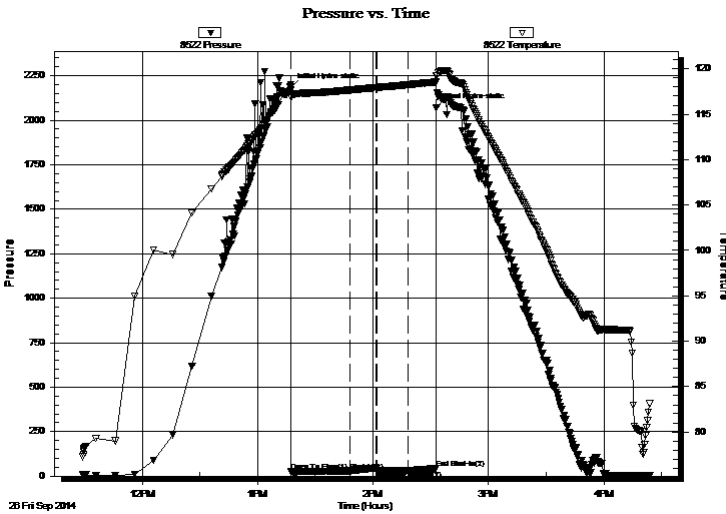
Formation: **LKC H**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:17:30
Time Test Ended: 16:23:45
Interval: **4218.00 ft (KB) To 4246.00 ft (KB) (TVD)**
Total Depth: 4246.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Test Type: Conventional Bottom Hole (Reset)
Tester: Justin Harris
Unit No: 69
Reference Elevations: 3046.00 ft (KB)
3035.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8522 Outside

Press@RunDepth: 30.79 psig @ 4219.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.09.26 End Date: 2014.09.26 Last Calib.: 2014.09.26
Start Time: 11:29:05 End Time: 16:23:44 Time On Btm: 2014.09.26 @ 13:17:00
Time Off Btm: 2014.09.26 @ 14:33:00

TEST COMMENT: 30: Weak blow died in 5 mins.
30: No Return.
30: No Blow .
30: No Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2185.83	117.63	Initial Hydro-static
1	24.36	116.89	Open To Flow (1)
31	29.68	117.67	Shut-In(1)
45	40.49	117.94	End Shut-In(1)
45	25.14	117.94	Open To Flow (2)
61	30.79	118.25	Shut-In(2)
76	42.03	118.56	End Shut-In(2)
76	2071.71	119.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w ith oil spots	0.05

* 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.

35-11s-34w Logan,KS

7701 E Kellogg Dr STE 710
Wichita KS 67207

Rohleder Trust #2-35

Job Ticket: 57469

DST#: 2

ATTN: Pat Deenihan

Test Start: 2014.09.26 @ 11:29:00

Tool Information

Drill Pipe:	Length: 3975.00 ft	Diameter: 3.80 inches	Volume: 55.76 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 56.93 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4218.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	53.00 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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Change Over Sub	1.00			4194.00	
Shut In Tool	5.00			4199.00	
Hydraulic tool	5.00			4204.00	
Jars	5.00			4209.00	
Packer	5.00			4214.00	25.00 Bottom Of Top Packer
Packer	4.00			4218.00	
Stubb	1.00			4219.00	
Recorder	0.00	8365	Inside	4219.00	
Recorder	0.00	8522	Outside	4219.00	
Perforations	24.00			4243.00	
Bullnose	3.00			4246.00	28.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy Inc.

35-11s-34w Logan,KS

7701 E Kellogg Dr STE 710
Wichita KS 67207

Rohleder Trust #2-35

Job Ticket: 57469

DST#: 2

ATTN: Pat Deenihan

Test Start: 2014.09.26 @ 11:29:00

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:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud w ith oil spots	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

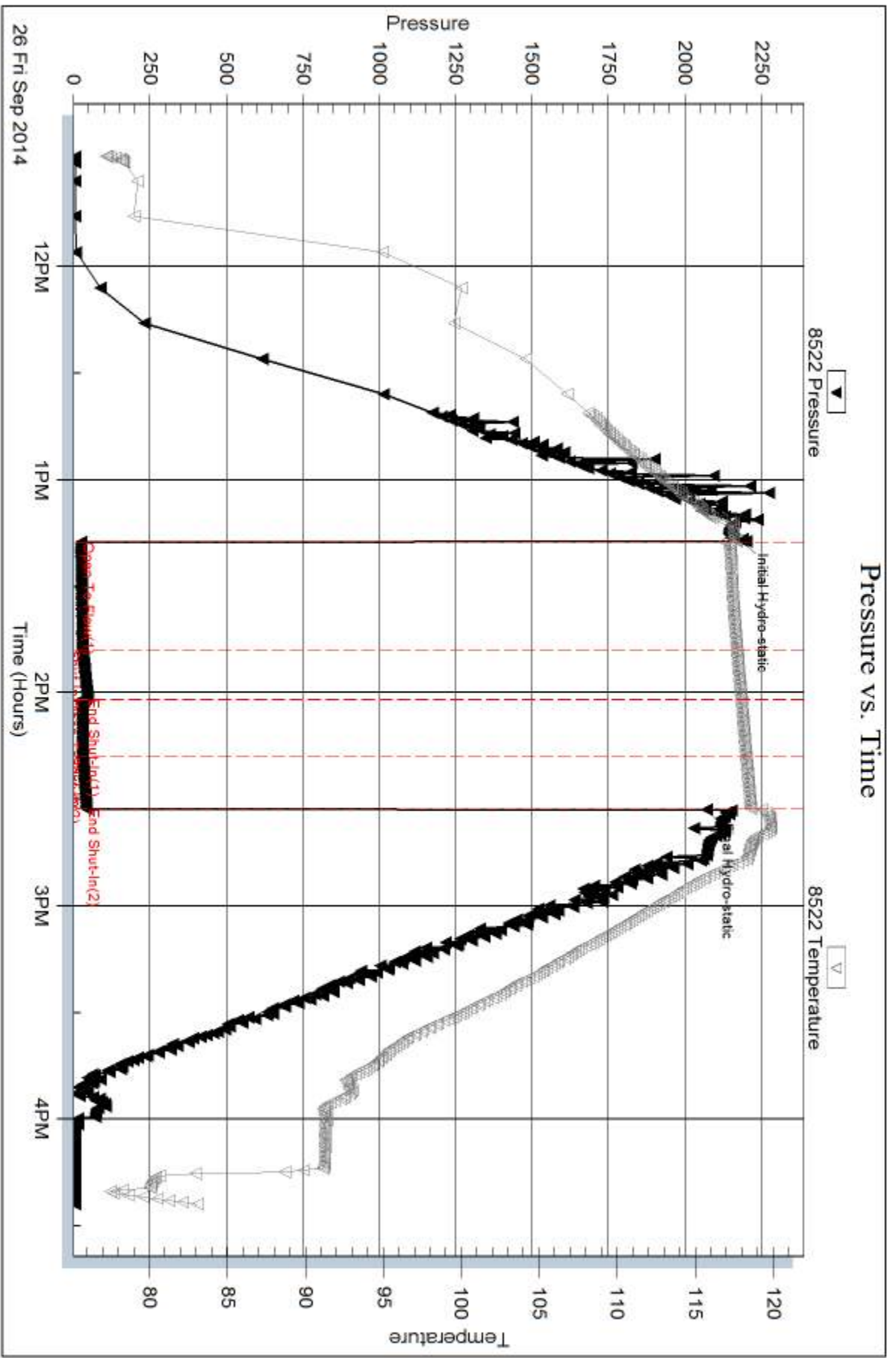
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



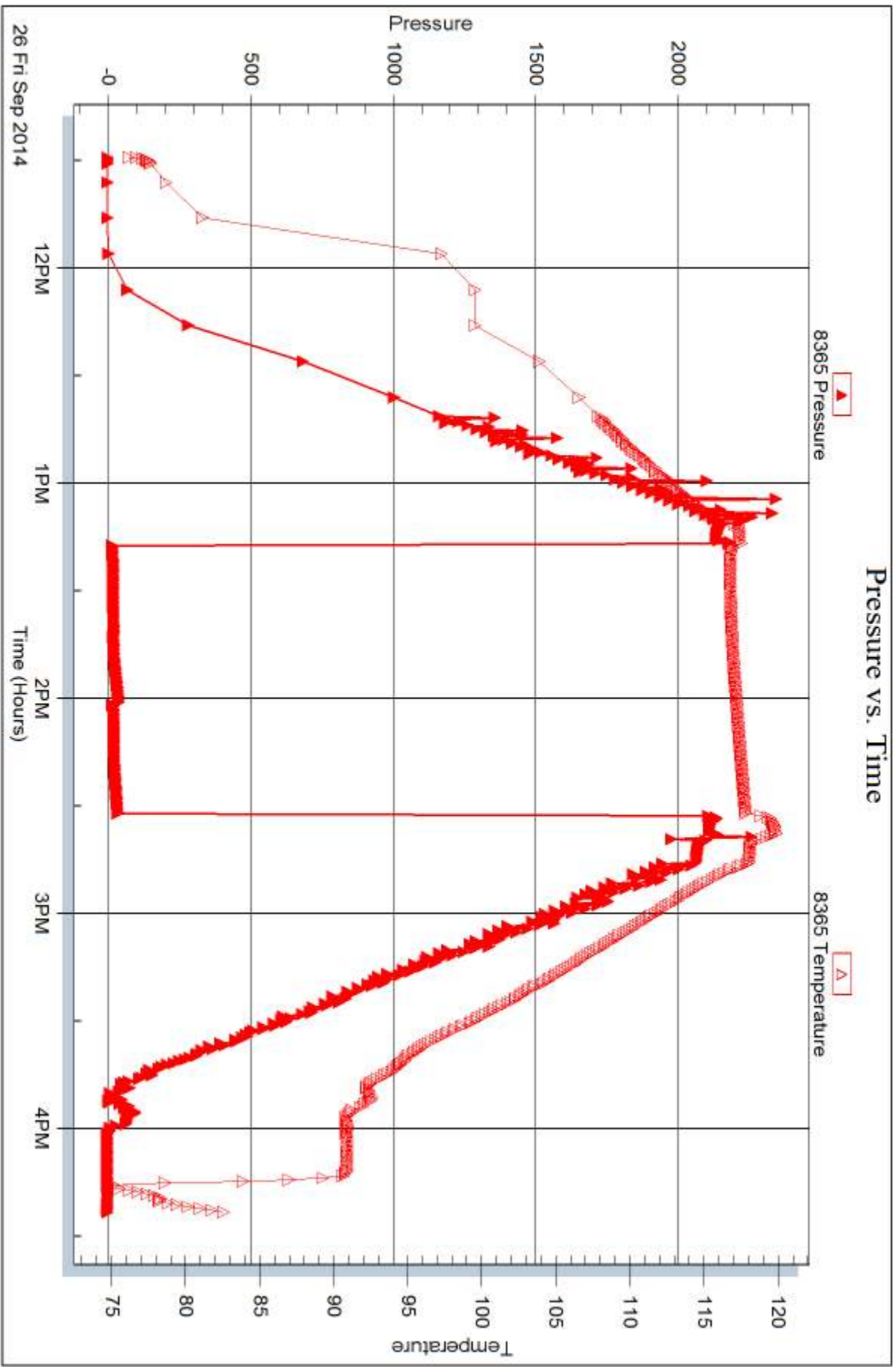
Serial #: 8365

Inside

Red Oak Energy Inc.

Rohleder Trust #2-35

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 57469

Printed: 2014, 10:03 @ 09:11:44



DRILL STEM TEST REPORT

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

7701 E Kellogg Dr STE 710
Wichita KS 67207

ATTN: Pat Deenihan

Rohleder Trust #2-35

35-11s-34w Logan,KS

Start Date: 2014.09.27 @ 01:38:00

End Date: 2014.09.27 @ 07:29:15

Job Ticket #: 57470 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.10.03 @ 09:11:18



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Red Oak Energy Inc.

35-11s-34w Logan,KS

7701 E Kellogg Dr STE 710
Wichita KS 67207

Rohleder Trust #2-35

Job Ticket: 57470

DST#: 3

ATTN: Pat Deenihan

Test Start: 2014.09.27 @ 01:38:00

GENERAL INFORMATION:

Formation: **LKC I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:34:15

Time Test Ended: 07:29:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Justin Harris

Unit No: 69

Interval: 4245.00 ft (KB) To 4274.00 ft (KB) (TVD)

Reference Elevations: 3046.00 ft (KB)

Total Depth: 4274.00 ft (KB) (TVD)

3035.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8522 Outside

Press@RunDepth: 21.78 psig @ 4246.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.09.27 End Date: 2014.09.27

Last Calib.: 2014.09.27

Start Time: 01:38:05 End Time: 07:29:14

Time On Btm: 2014.09.27 @ 03:34:00

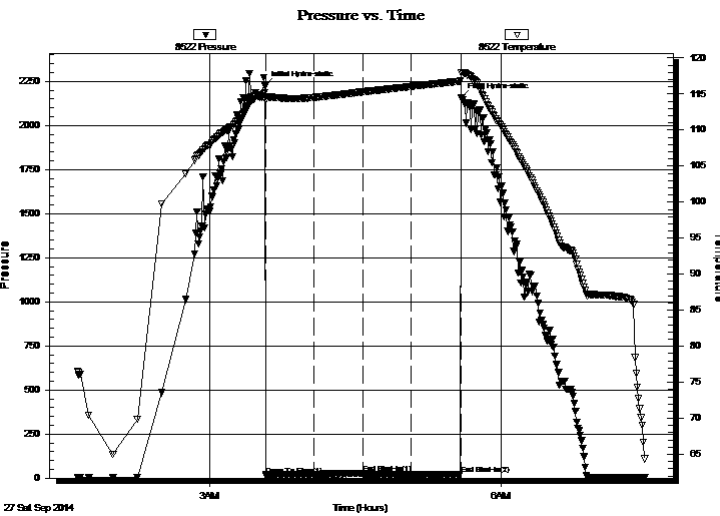
Time Off Btm: 2014.09.27 @ 05:35:30

TEST COMMENT: 30: Weak Blow died in 5 min.

30: No Return.

30: No Blow .

30: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2224.10	115.23	Initial Hydro-static
1	17.91	114.16	Open To Flow (1)
30	21.21	114.52	Shut-In(1)
61	27.07	115.30	End Shut-In(1)
61	21.65	115.31	Open To Flow (2)
90	21.78	116.05	Shut-In(2)
121	22.91	116.79	End Shut-In(2)
122	2156.94	118.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

* 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.

35-11s-34w Logan,KS

7701 E Kellogg Dr STE 710
Wichita KS 67207

Rohleder Trust #2-35

Job Ticket: 57470

DST#: 3

ATTN: Pat Deenihan

Test Start: 2014.09.27 @ 01:38:00

Tool Information

Drill Pipe:	Length: 4007.00 ft	Diameter: 3.80 inches	Volume: 56.21 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 57.38 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4245.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4226.00	
Shut In Tool	5.00			4231.00	
Hydraulic tool	5.00			4236.00	
Packer	5.00			4241.00	20.00 Bottom Of Top Packer
Packer	4.00			4245.00	
Stubb	1.00			4246.00	
Recorder	0.00	8678	Inside	4246.00	
Recorder	0.00	8522	Outside	4246.00	
Perforations	25.00			4271.00	
Bullnose	3.00			4274.00	29.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy Inc.

35-11s-34w Logan,KS

7701 E Kellogg Dr STE 710
Wichita KS 67207

Rohleder Trust #2-35

Job Ticket: 57470

DST#: 3

ATTN: Pat Deenihan

Test Start: 2014.09.27 @ 01:38:00

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:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

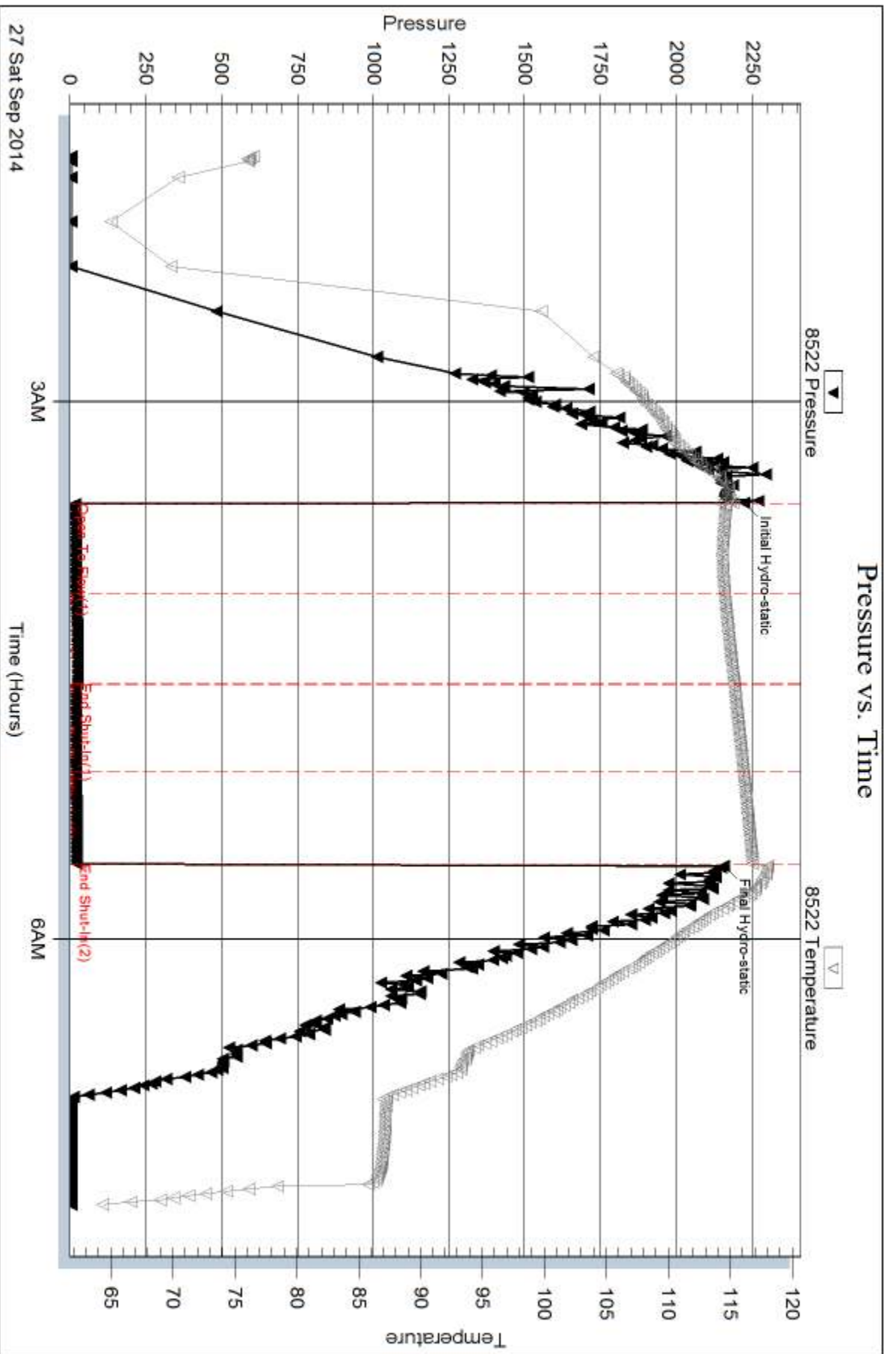
Num Gas Bombs: 0

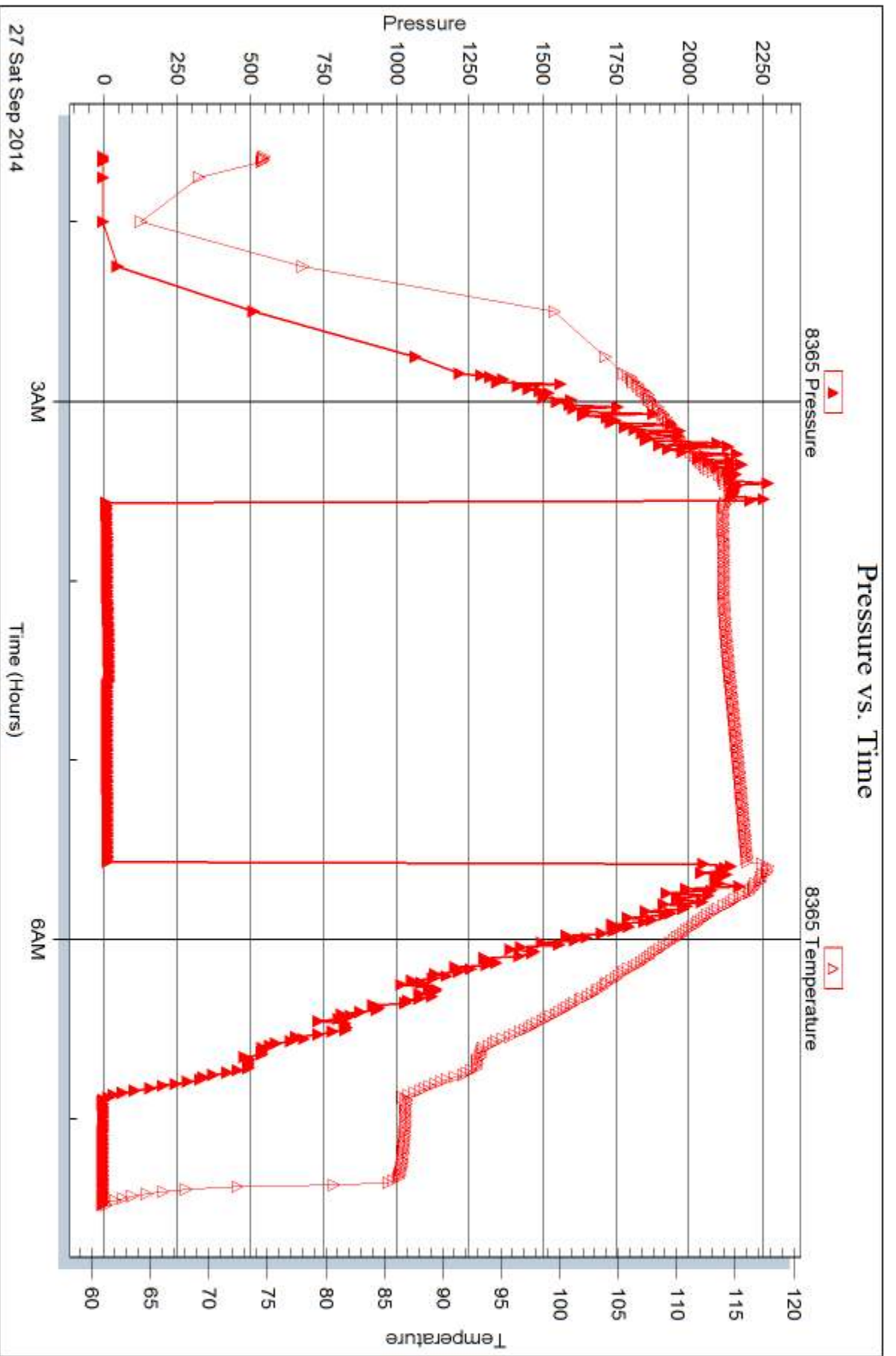
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

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

7701 E Kellogg Dr STE 710
Wichita KS 67207

ATTN: Pat Deenihan

Rohleder Trust #2-35

35-11s-34w Logan,KS

Start Date: 2014.09.27 @ 14:39:00

End Date: 2014.09.27 @ 22:27:45

Job Ticket #: 57471 DST #: 4

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.10.03 @ 09:10:56



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

35-11s-34w Logan,KS

Rohleder Trust #2-35

Job Ticket: 57471 **DST#: 4**

Test Start: 2014.09.27 @ 14:39:00

GENERAL INFORMATION:

Formation: **LKC J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:25:00
 Time Test Ended: 22:27:45
 Interval: **4274.00 ft (KB) To 4297.00 ft (KB) (TVD)**
 Total Depth: 4297.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Justin Harris
 Unit No: 69
 Reference Elevations: 3046.00 ft (KB)
 3035.00 ft (CF)
 KB to GR/CF: 11.00 ft

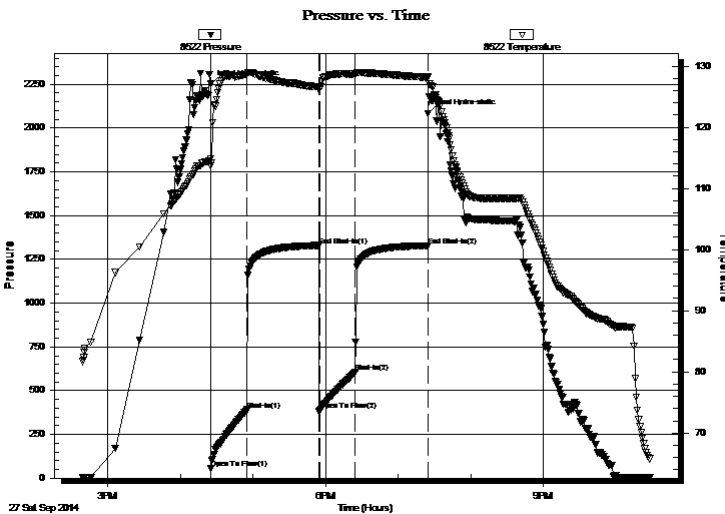
Serial #: 8522 Outside

Press@RunDepth: 604.40 psig @ 4275.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.09.27 End Date: 2014.09.27 Last Calib.: 2014.09.27
 Start Time: 14:39:05 End Time: 22:27:44 Time On Btm: 2014.09.27 @ 16:24:45
 Time Off Btm: 2014.09.27 @ 19:24:45

TEST COMMENT: 30: B.O.B. in 5 min.
 60: No Return.
 30: B. O. B in 8 min.
 90: No Return.

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2250.91	114.83	Initial Hydro-static
1	53.70	113.72	Open To Flow (1)
31	390.75	128.64	Shut-In(1)
90	1325.28	126.60	End Shut-In(1)
91	388.55	126.29	Open To Flow (2)
120	604.40	128.67	Shut-In(2)
180	1328.98	128.09	End Shut-In(2)
180	2081.96	128.20	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
189.00	mcw 20%m 80%w	0.93
1008.00	mcw 10%m 90%w	13.69
5.00	mcw with oil spots 10%m 89%w 1%o	0.07

* 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.

35-11s-34w Logan,KS

7701 E Kellogg Dr STE 710
Wichita KS 67207

Rohleder Trust #2-35

Job Ticket: 57471

DST#: 4

ATTN: Pat Deenihan

Test Start: 2014.09.27 @ 14:39:00

Tool Information

Drill Pipe:	Length: 4038.00 ft	Diameter: 3.80 inches	Volume: 56.64 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume: 57.81 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4274.00 ft			Final	66000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	23.00 ft				
Tool Length:	43.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4255.00	
Shut In Tool	5.00			4260.00	
Hydraulic tool	5.00			4265.00	
Packer	5.00			4270.00	20.00 Bottom Of Top Packer
Packer	4.00			4274.00	
Stubb	1.00			4275.00	
Recorder	0.00	8678	Inside	4275.00	
Recorder	0.00	8522	Outside	4275.00	
Perforations	19.00			4294.00	
Bullnose	3.00			4297.00	23.00 Bottom Packers & Anchor
Total Tool Length:	43.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy Inc.

35-11s-34w Logan,KS

7701 E Kellogg Dr STE 710
Wichita KS 67207

Rohleder Trust #2-35

Job Ticket: 57471

DST#: 4

ATTN: Pat Deenihan

Test Start: 2014.09.27 @ 14:39:00

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:

20000 ppm

Viscosity: 68.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
189.00	mcw 20%m 80%w	0.929
1008.00	mcw 10%m 90%w	13.693
5.00	mcw with oil spots 10%m 89%w 1%o	0.070

Total Length: 1202.00 ft Total Volume: 14.692 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

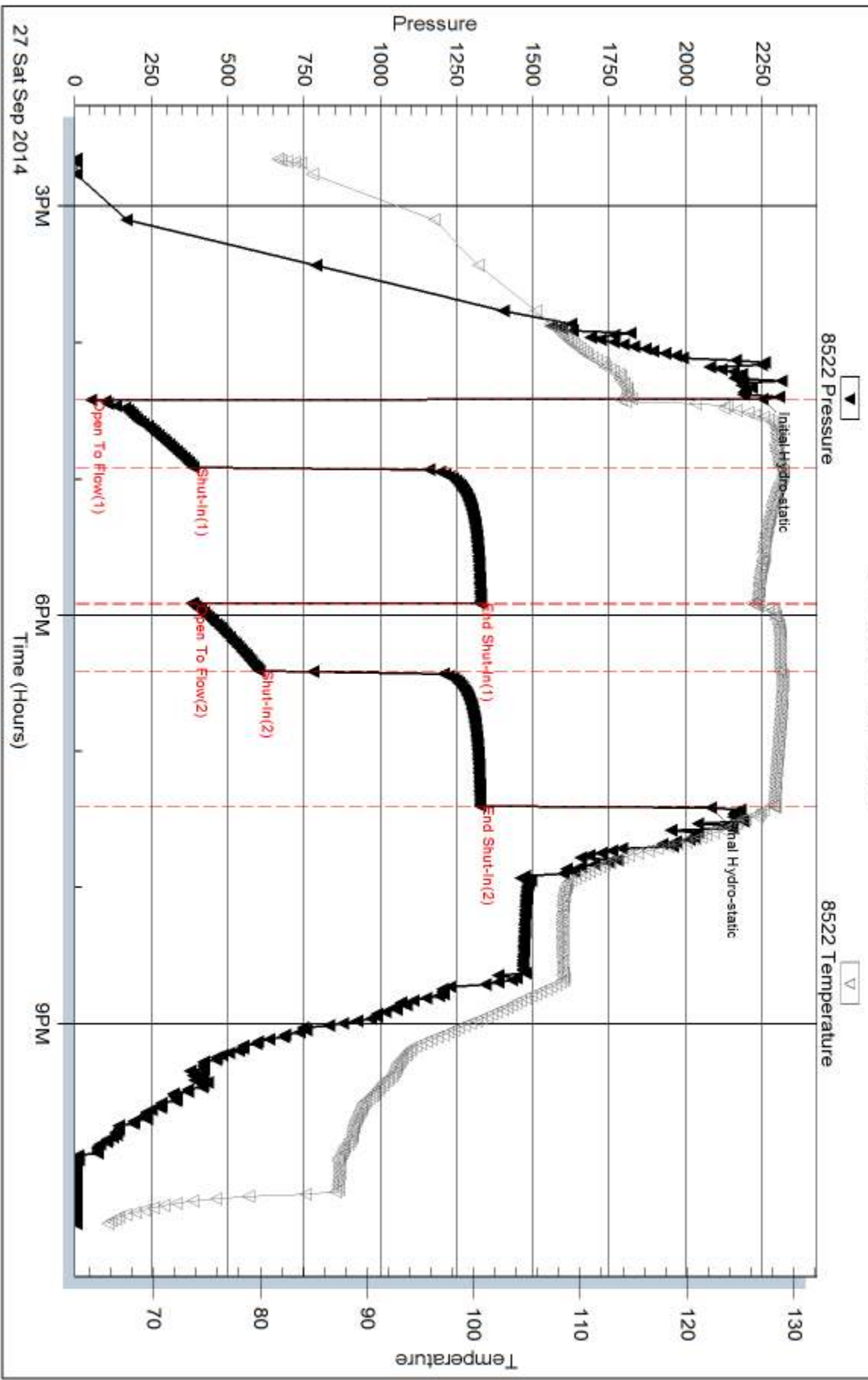
Serial #:

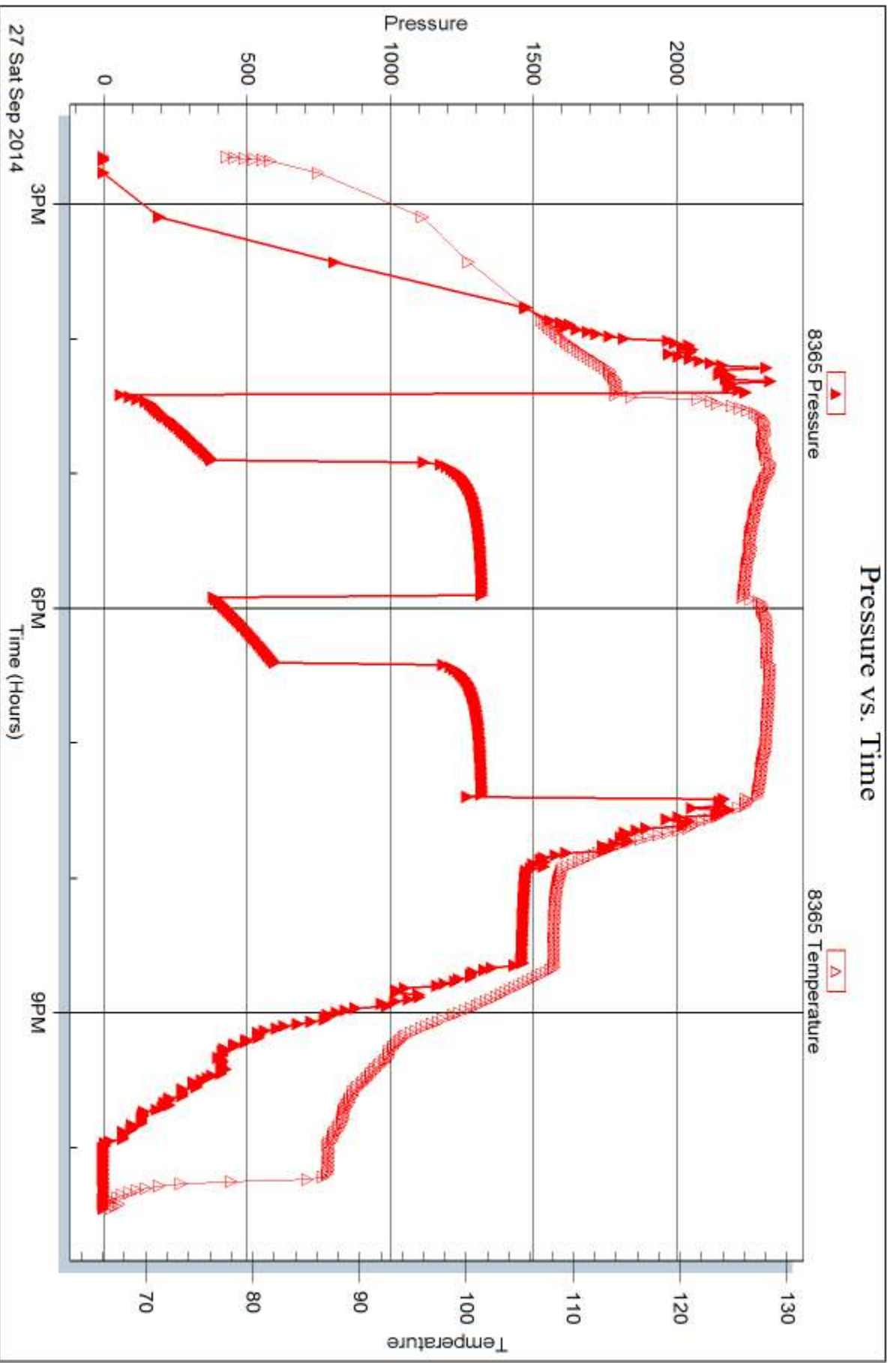
Laboratory Name:

Laboratory Location:

Recovery Comments: API RW .395 @ 60F Chrides 20000 ppm

Pressure vs. Time





27 Sat Sep 2014



DRILL STEM TEST REPORT

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

7701 E Kellogg Dr STE 710
Wichita KS 67207

ATTN: Pat Deenihan

Rohleder Trust #2-35

35-11s-34w Logan,KS

Start Date: 2014.09.29 @ 08:47:00

End Date: 2014.09.29 @ 16:03:15

Job Ticket #: 57438 DST #: 5

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.10.03 @ 09:10:27



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Red Oak Energy Inc.

35-11s-34w Logan,KS

7701 E Kellogg Dr STE 710
Wichita KS 67207

Rohleder Trust #2-35

Job Ticket: 57438

DST#: 5

ATTN: Pat Deenihan

Test Start: 2014.09.29 @ 08:47:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:42:45

Time Test Ended: 16:03:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4601.00 ft (KB) To 4636.00 ft (KB) (TVD)

Reference Elevations: 3046.00 ft (KB)

Total Depth: 4636.00 ft (KB) (TVD)

3035.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8365

Inside

Press@RunDepth: 77.77 psig @ 4602.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.09.29

End Date:

2014.09.29

Last Calib.:

2014.09.29

Start Time: 08:47:05

End Time:

16:03:14

Time On Btm:

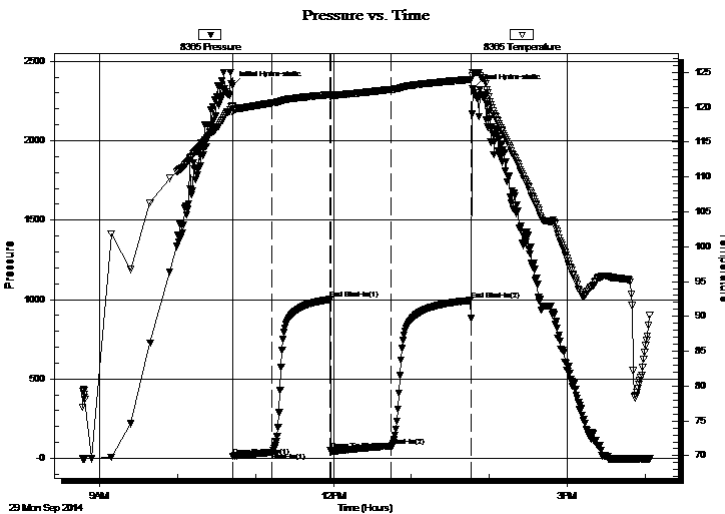
2014.09.29 @ 10:42:30

Time Off Btm:

2014.09.29 @ 13:47:15

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

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2349.57	120.19	Initial Hydro-static
1	13.02	119.27	Open To Flow (1)
31	39.02	120.62	Shut-In(1)
75	1001.33	121.83	End Shut-In(1)
76	51.32	121.47	Open To Flow (2)
122	77.77	122.56	Shut-In(2)
183	994.38	123.99	End Shut-In(2)
185	2329.00	125.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	gocm 20g 30o 50m	0.25
170.00	go 25g 75o	0.84
0.00	60' GIP	0.00

* 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.

35-11s-34w Logan,KS

7701 E Kellogg Dr STE 710
Wichita KS 67207

Rohleder Trust #2-35

Job Ticket: 57438

DST#: 5

ATTN: Pat Deenihan

Test Start: 2014.09.29 @ 08:47:00

Tool Information

Drill Pipe:	Length: 4347.00 ft	Diameter: 3.80 inches	Volume: 60.98 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 62.15 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4601.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4582.00	
Shut In Tool	5.00			4587.00	
Hydraulic tool	5.00			4592.00	
Packer	5.00			4597.00	20.00 Bottom Of Top Packer
Packer	4.00			4601.00	
Stubb	1.00			4602.00	
Recorder	0.00	8365	Inside	4602.00	
Recorder	0.00	8522	Outside	4602.00	
Perforations	31.00			4633.00	
Bullnose	3.00			4636.00	35.00 Bottom Packers & Anchor
Total Tool Length:	55.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy Inc.

35-11s-34w Logan,KS

7701 E Kellogg Dr STE 710
Wichita KS 67207

Rohleder Trust #2-35

Job Ticket: 57438

DST#: 5

ATTN: Pat Deenihan

Test Start: 2014.09.29 @ 08:47:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

23 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	gocm 20g 30o 50m	0.246
170.00	go 25g 75o	0.836
0.00	60' GIP	0.000

Total Length: 220.00 ft Total Volume: 1.082 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

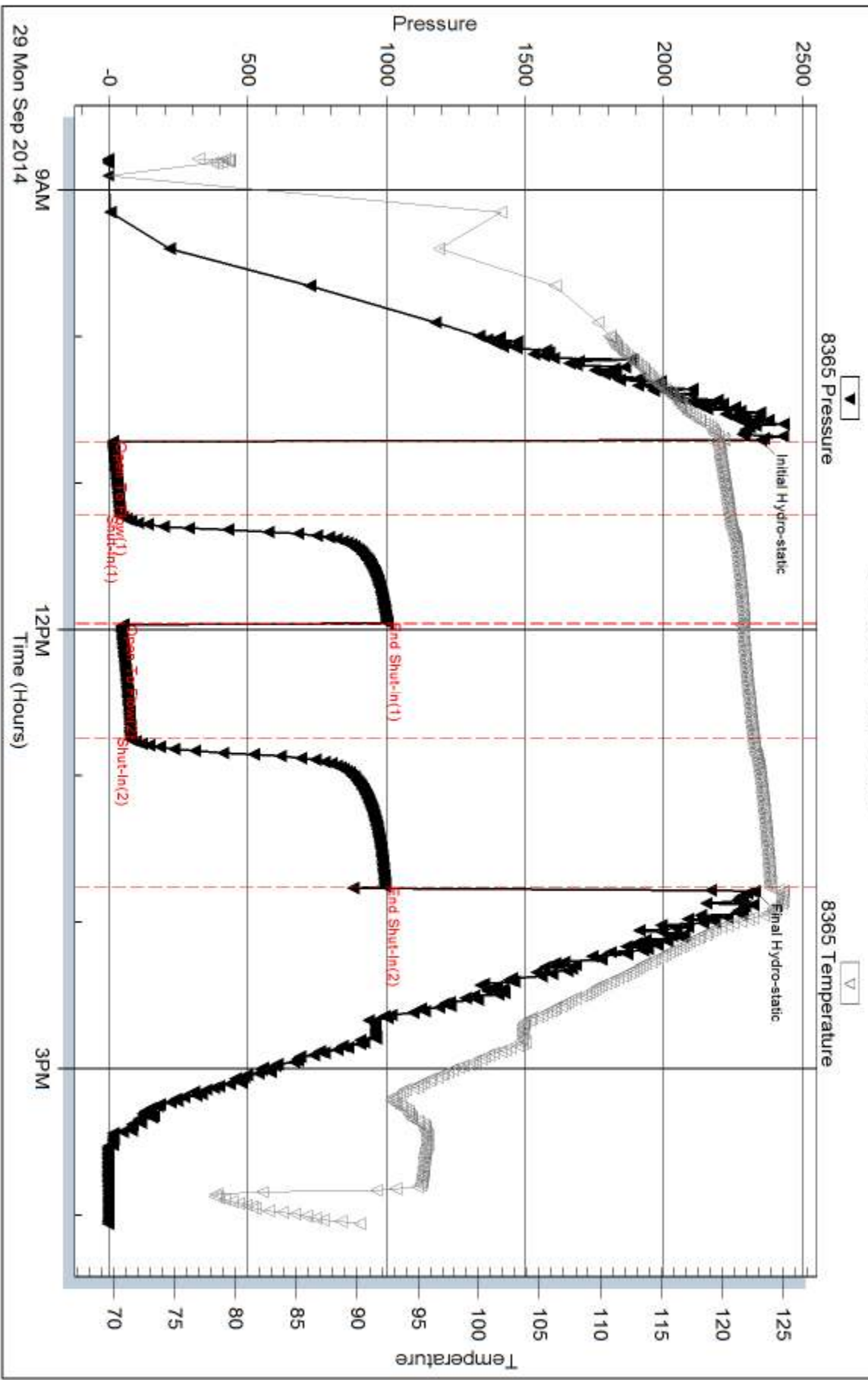
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

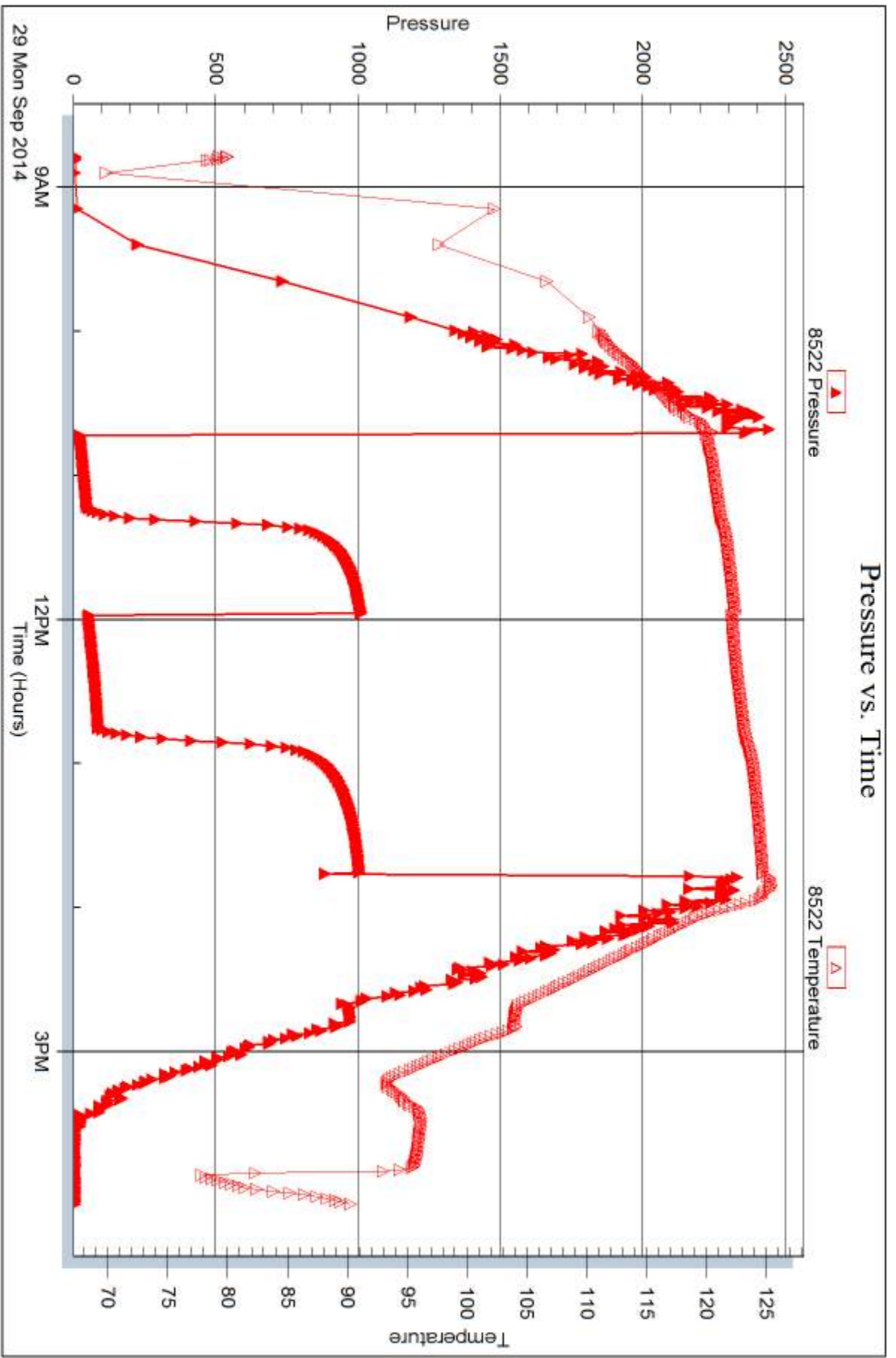


Serial #: 8522

Outside Red Oak Energy Inc.

Rohleder Trust #2-35

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 57438

Printed: 2014, 10:03 @ 09:10:28



DRILL STEM TEST REPORT

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

7701 E Kellogg Dr STE 710
Wichita KS 67207

ATTN: Pat Deenihan

Rohleder Trust #2-35

35-11s-34w Logan,KS

Start Date: 2014.09.30 @ 00:45:00

End Date: 2014.09.30 @ 09:37:45

Job Ticket #: 57439 DST #: 6

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.10.03 @ 09:09:57



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

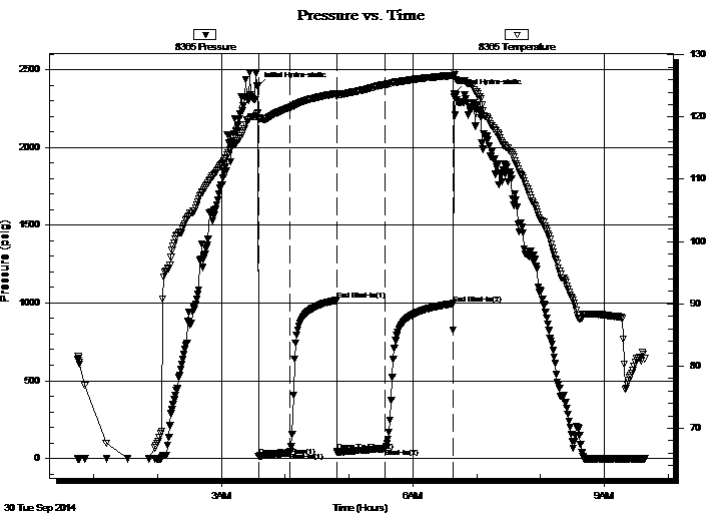
35-11s-34w Logan,KS
Rohleder Trust #2-35
 Job Ticket: 57439 **DST#: 6**
 Test Start: 2014.09.30 @ 00:45:00

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:34:45
 Time Test Ended: 09:37:45
 Interval: **4632.00 ft (KB) To 4650.00 ft (KB) (TVD)**
 Total Depth: 4130.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 69
 Reference Elevations: 3046.00 ft (KB)
 3035.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8365 Inside
 Press@RunDepth: 63.84 psig @ 4633.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.09.30 End Date: 2014.09.30 Last Calib.: 2014.09.30
 Start Time: 00:45:05 End Time: 09:37:45 Time On Btm: 2014.09.30 @ 03:34:30
 Time Off Btm: 2014.09.30 @ 06:39:00

TEST COMMENT: IF: 1" blow.
 IS: No return.
 FF: 1/2" blow.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2392.37	120.61	Initial Hydro-static
1	14.21	119.53	Open To Flow (1)
30	35.85	121.51	Shut-In(1)
74	1017.30	123.79	End Shut-In(1)
74	44.52	123.24	Open To Flow (2)
120	63.84	125.22	Shut-In(2)
183	995.46	126.68	End Shut-In(2)
185	2345.24	127.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	gocm 20g 25o 45m	0.25
80.00	gmco 40g 10m 50o	0.39

* 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.

35-11s-34w Logan,KS

7701 E Kellogg Dr STE 710
Wichita KS 67207

Rohleder Trust #2-35

Job Ticket: 57439

DST#: 6

ATTN: Pat Deenihan

Test Start: 2014.09.30 @ 00:45:00

Tool Information

Drill Pipe:	Length: 4378.00 ft	Diameter: 3.80 inches	Volume: 61.41 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 62.58 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial	67000.00 lb
Depth to Top Packer:	4632.00 ft			Final	67000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	18.00 ft				
Tool Length:	38.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4613.00	
Shut In Tool	5.00			4618.00	
Hydraulic tool	5.00			4623.00	
Packer	5.00			4628.00	20.00 Bottom Of Top Packer
Packer	4.00			4632.00	
Stubb	1.00			4633.00	
Recorder	0.00	8365	Inside	4633.00	
Recorder	0.00	8522	Outside	4633.00	
Perforations	14.00			4647.00	
Bullnose	3.00			4650.00	18.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy Inc.

35-11s-34w Logan,KS

7701 E Kellogg Dr STE 710
Wichita KS 67207

Rohleder Trust #2-35

Job Ticket: 57439

DST#: 6

ATTN: Pat Deenihan

Test Start: 2014.09.30 @ 00:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

19 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	gocm 20g 25o 45m	0.246
80.00	gmco 40g 10m 50o	0.393

Total Length: 130.00 ft

Total Volume: 0.639 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

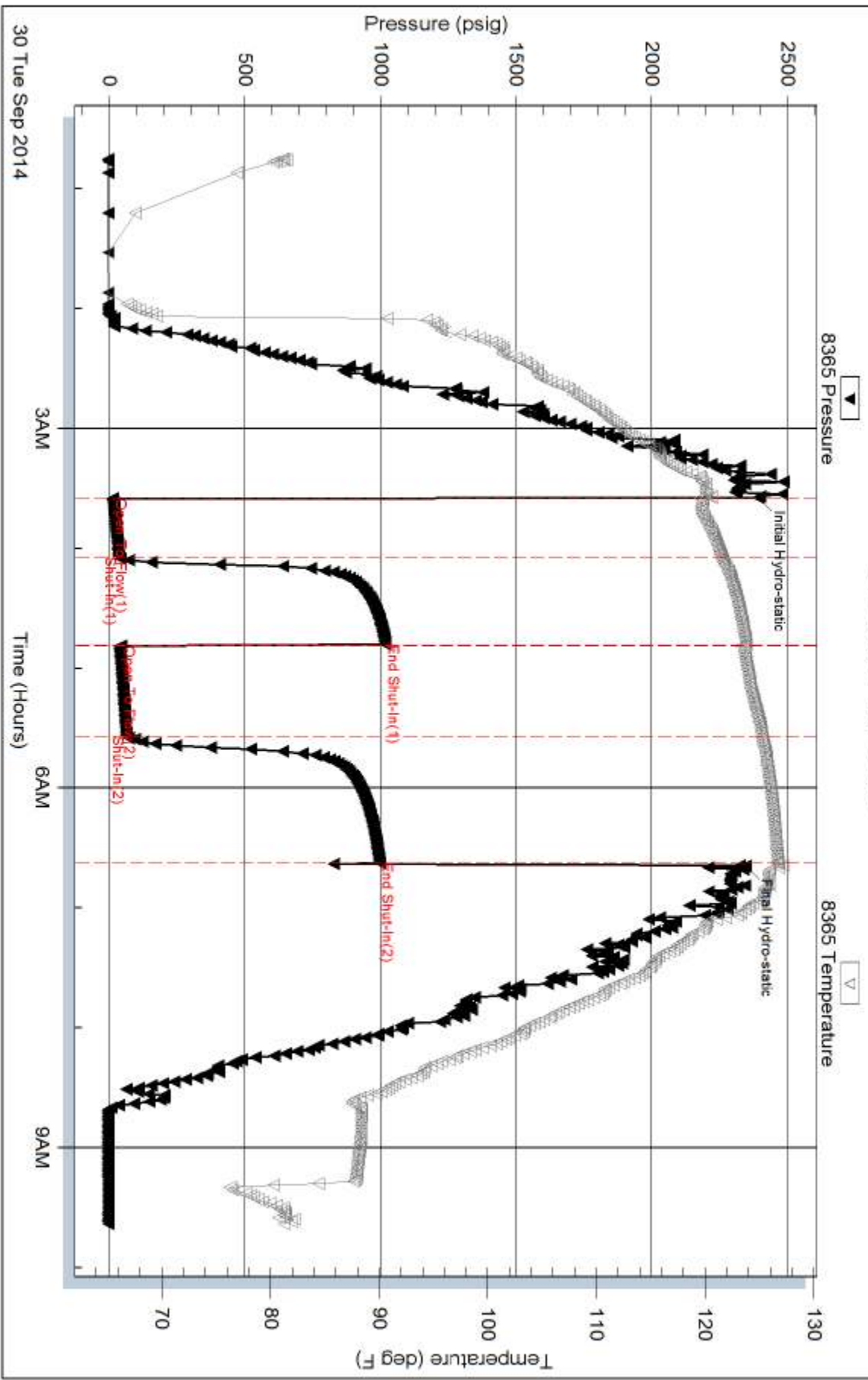
Serial #:

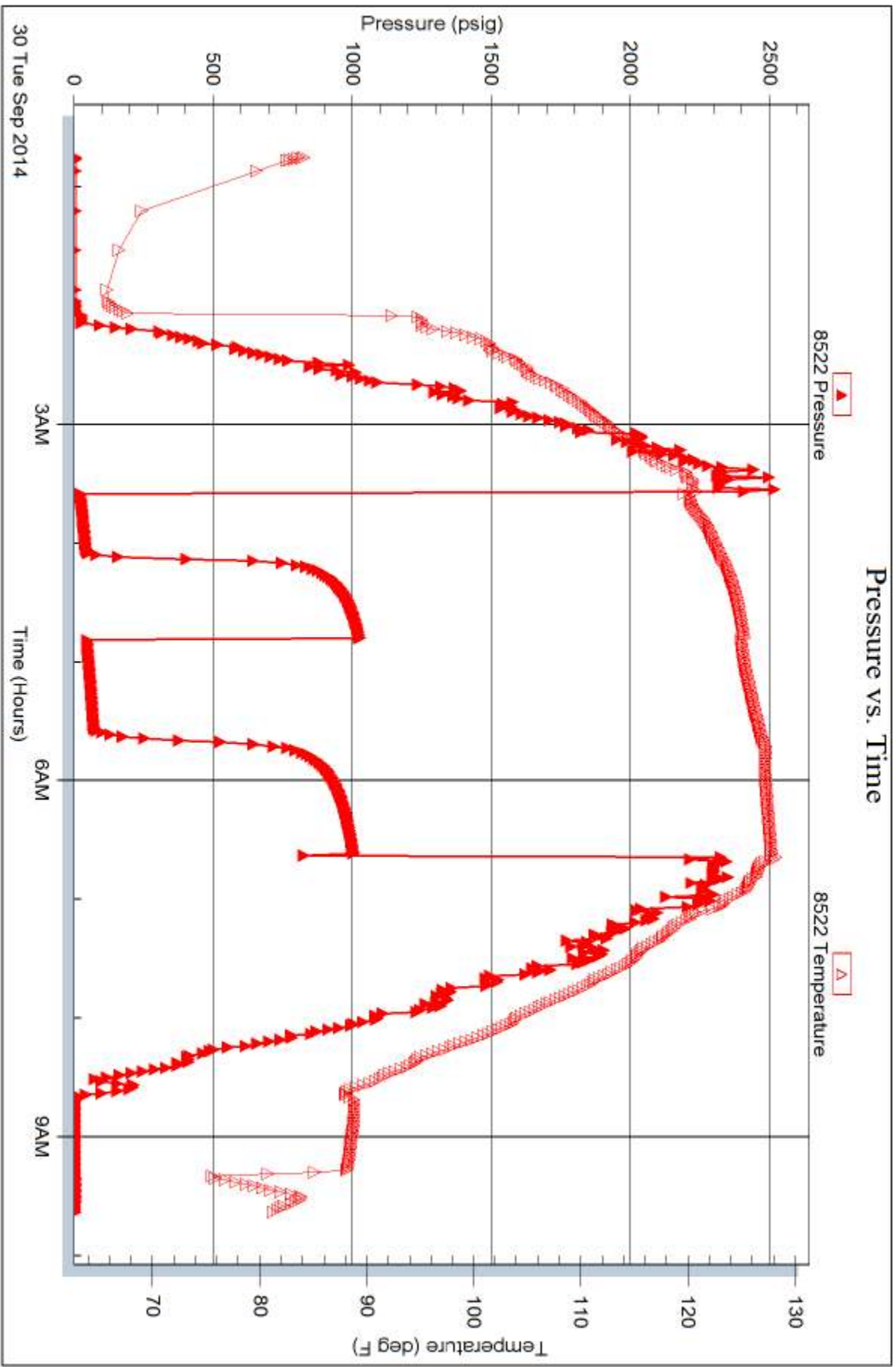
Laboratory Name:

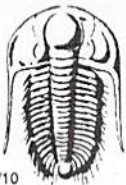
Laboratory Location:

Recovery Comments:

Pressure vs. Time







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57468

4/10

Well Name & No. Rohleder Trust 2-35 Test No. 1 Date 9-25-14
 Company Red Oak Energy, Inc Elevation 3044 KB 3035 GL
 Address 1701 E Kellogg Dr STE 710 Wichita ks, 67207
 Co. Rep / Geo. Sean Deenihan Rig Murfin 22
 Location: Sec. 35 Twp. 11S Rge. 32W Co. logan State ks

Interval Tested 4102 4130 Zone Tested lensing B
 Anchor Length 28 Drill Pipe Run 3849 Mud Wt. 9.1
 Top Packer Depth 4098 Drill Collars Run 238 Vis 43
 Bottom Packer Depth 4102 Wt. Pipe Run 0 WL 6.0
 Total Depth 4130 Chlorides 1800 ppm System LCM 12.0

Blow Description 30 couple Bubble Red
15 No Return
15 No Blow
15 No Return

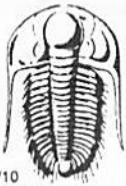
Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 119 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2108 Test 1250 T-On Location 18:03
 (B) First Initial Flow 23 Jars 250 T-Started 18:52
 (C) First Final Flow 31 Safety Joint _____ T-Open 20:56
 (D) Initial Shut-In 1120 Circ Sub N/C T-Pulled 22:11
 (E) Second Initial Flow 33 Hourly Standby _____ T-Out 00:05
 (F) Second Final Flow 44 Mileage 90 RT 139.50 Comments _____
 (G) Final Shut-In 1207 Sampler _____
 (H) Final Hydrostatic 1972 Straddle _____ Ruined Shale Packer _____

Initial Open 30 Shale Packer _____ Ruined Packer _____
 Initial Shut-In 15 Extra Packer _____ Extra Copies _____
 Final Flow 15 Extra Recorder _____ Sub Total 0
 Final Shut-In 15 Day Standby _____ Total 1639.50
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1639.50

Approved By _____ Our Representative [Signature]
 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. 57469

4/10

Well Name & No. Rohleder Trust 2-35 Test No. 2 Date 9-26-14
 Company Red Oak Energy Inc Elevation 3046 KB 3035 GL
 Address 7101 E Kellogg Dr STE 710 Wichita ks 67207
 Co. Rep / Geo. Sean Deenihan Rig Murfin #22
 Location: Sec. 35 Twp. 11S Rge. 34W Co. logan State KS

Interval Tested 4218 4244 Zone Tested Lansing H
 Anchor Length 28 Drill Pipe Run 3975 Mud Wt. 9.1
 Top Packer Depth 4214 Drill Collars Run 238 Vis 55
 Bottom Packer Depth 4218 Wt. Pipe Run Ø WL 6.4
 Total Depth 4244 Chlorides 1700 ppm System LCM 9

Blow Description 30 weak surface Blow Died in 4 min
15 No Return
15 No Blow.
15 No Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>mud oil spots</u>	<u>1</u>		<u>99</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 10 BHT 119 Gravity = API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 2186 Test 1250 T-On Location 11:25
 (B) First Initial Flow 24 Jars 250 T-Started 11:29
 (C) First Final Flow 30 Safety Joint _____ T-Open 13:17
 (D) Initial Shut-In 40 Circ Sub N/C T-Pulled 14:32
 (E) Second Initial Flow 25 Hourly Standby _____ T-Out 16:23
 (F) Second Final Flow 31 Mileage 90 RT 139.50 Comments _____
 (G) Final Shut-In 42 Sampler _____
 (H) Final Hydrostatic 2072 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____

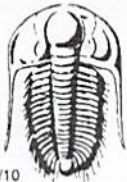
Initial Open 30
 Initial Shut-In 15
 Final Flow 15
 Final Shut-In 15

Extra Recorder _____
 Day Standby _____
 Accessibility _____

Sub Total 1639.50
 Total 1639.50
 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57470

4/10

Well Name & No. Rohleder Trust 2-35 Test No. 3 Date 9-27-14
 Company Red Oak Energy Inc Elevation 3046 KB 3035 GL
 Address 7701 E Kellogg Dr STE 710 Wichita KS 67207
 Co. Rep / Geo. Pat Deenihan Rig Murfin #22
 Location: Sec. 35 Twp. 11S Rge. 34W Co. Logan State KS

Interval Tested 4245 4274 Zone Tested Lansing I
 Anchor Length 29 Drill Pipe Run 4007 Mud Wt. 9.1
 Top Packer Depth 4241 Drill Collars Run 238 Vis SS
 Bottom Packer Depth 4245 Wt. Pipe Run Ø WL 6.4
 Total Depth 4274 Chlorides 1700 ppm System LCM 9

Blow Description 30 weak Blow Died in 5 min
30 No Return
30 No Blow
30 No Return

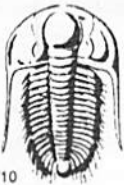
Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud</u>				<u>100</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 117 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2224 Test 1250 T-On Location 00:58
 (B) First Initial Flow 18 Jars — T-Started 1:38
 (C) First Final Flow 21 Safety Joint — T-Open 3:34
 (D) Initial Shut-In 27 Circ Sub N/C T-Pulled 5:34
 (E) Second Initial Flow 22 Hourly Standby — T-Out 7:29
 (F) Second Final Flow 22 Mileage 90 RT 139.50 Comments —
 (G) Final Shut-In 23 Sampler —
 (H) Final Hydrostatic 2157 Straddle — Ruined Shale Packer —
 Shale Packer 250 Ruined Packer —
 Extra Packer — Extra Copies —
 Extra Recorder — Sub Total 0
 Day Standby — Total 1639.50
 Accessibility — MP/DST Disc't —
 Sub Total 1639.50

Approved By Patrick J Deenihan Our Representative Patrick J Deenihan

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57471

4/10

Well Name & No. Redleder test 2-35 Test No. 4 Date 9-27-14
 Company Red Oak Energy Inc Elevation 3046 KB 3035 GL
 Address 7901 E Kellogg Dr STE 710 Wichita KS 67207
 Co. Rep / Geo. Pgt Deenihan Rig Morfin 22
 Location: Sec. 35 Twp. 11S Rge. 34W Co. logan State KS

Interval Tested 4274 - 4297 Zone Tested knasing J
 Anchor Length 23 Drill Pipe Run 4038 Mud Wt. 9.3
 Top Packer Depth 4270 Drill Collars Run 238 Vis 68
 Bottom Packer Depth 4274 Wt. Pipe Run 8 WL 6.8
 Total Depth 4297 Chlorides 2200 ppm System LCM 10

Blow Description 30 B.O.B in 5 min
60 No Return
30 B.O.B in 8 min
60 No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>55</u>	<u>new oil spot</u>		<u>1</u>	<u>89</u>	<u>10</u>
<u>1006</u>	<u>mcw</u>			<u>90</u>	<u>10</u>
<u>1469</u>	<u>mcw</u>			<u>80</u>	<u>20</u>

Rec Total 1202 BHT 128 Gravity - API RW .395@ 60° F Chlorides 20000 ppm

(A) Initial Hydrostatic 7251 Test 1250 T-On Location 1439
 (B) First Initial Flow 54 Jars _____ T-Started 1510
 (C) First Final Flow 391 Safety Joint _____ T-Open 16:55
 (D) Initial Shut-In 1325 Circ Sub N/C T-Pulled 19:55
 (E) Second Initial Flow 399 Hourly Standby _____ T-Out 22:27
 (F) Second Final Flow 404 Mileage 90RT 139.50 Comments _____
 (G) Final Shut-In 1329 Sampler _____
 (H) Final Hydrostatic 2082 Straddle _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Initial Open 30 Day Standby _____ Sub Total 0
 Initial Shut-In 60 Accessibility _____ Total 1639.50
 Final Flow 30 Sub Total 1639.50 MP/DST Disc't _____
 Final Shut-In 60

Approved By _____

Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57438

Well Name & No. Rohleder Trust 2-35 Test No. 5 Date 9/29/14
 Company Red Oak Energy, Inc Elevation 3046 KB 3035 GL
 Address 7701 E Kellogg Dr STE 710
 Co. Rep / Geo. Pat Deenihan Rig MudAm 22
 Location: Sec. 35 Twp. 11 Rge. 34 Co. Logan State KS

Interval Tested 4601 4636 Zone Tested Johnson
 Anchor Length 35 Drill Pipe Run 4349 Mud Wt. 9.2
 Top Packer Depth 4596 Drill Collars Run 238 Vis 48
 Bottom Packer Depth 4601 Wt. Pipe Run 0 WL 8.0
 Total Depth 4636 Chlorides 2,000 ppm System LCM C#

Blow Description IF: 2" blow.
ISF: No return
FF: 2" blow.
FSI: No return.

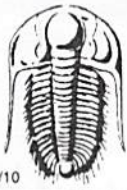
Rec	Feet of	%gas	%oil	%water	%mud
<u>170</u>	<u>60</u>	<u>25</u>	<u>75</u>		
<u>50</u>	<u>6000cm</u>	<u>20</u>	<u>30</u>		<u>50</u>
	<u>60' GTP</u>				

Rec Total 220 BHT 124 Gravity 23 API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2350</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>820</u>
(B) First Initial Flow <u>13</u>	<input type="checkbox"/> Jars	T-Started <u>847</u>
(C) First Final Flow <u>39</u>	<input type="checkbox"/> Safety Joint	T-Open <u>1043</u>
(D) Initial Shut-In <u>1001</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>1343</u>
(E) Second Initial Flow <u>51</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1603</u>
(F) Second Final Flow <u>78</u>	<input checked="" type="checkbox"/> Mileage <u>90RT</u> <u>139.50</u>	Comments
(G) Final Shut-In <u>994</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2329</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>36</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>325</u>
Final Shut-In <u>60</u>	<input checked="" type="checkbox"/> Day Standby <u>1d 9.75h</u>	Total <u>1964.50</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1639.50</u>	

Approved By _____ Our Representative [Signature] #69

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57440

Well Name & No. Rohleder Trust 2-35 Test No. 6 Date 9/30/2014
 Company Red Oak Energy, Inc Elevation 3046 KB 3035 GL
 Address 7701 E Kellogg Dr STE 710
 Co. Rep / Geo. Pat Deenhan Rig Modan 22
 Location: Sec. 35 Twp. 11 Rge. 34 Co. Logan State Ks

Interval Tested 4632 - 4650 Zone Tested Narrow
 Anchor Length 18 Drill Pipe Run 4378 Mud Wt. 9.2
 Top Packer Depth 4627 Drill Collars Run 238 Vis 57
 Bottom Packer Depth 4632 Wt. Pipe Run 0 WL 8.0
 Total Depth 4650 Chlorides 2000 ppm System LCM 6#

Blow Description IF: 1" blow.
ISI No return.
FF: 1/2" blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>80</u>	<u>GMCO</u>	<u>20</u>	<u>35</u>	<u>45</u>	<u>10</u>
<u>50</u>	<u>60CM</u>	<u>20</u>	<u>25</u>	<u>48</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 130 BHT 127 Gravity 19 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2392 Test 1250 T-On Location 2330 9/29
 (B) First Initial Flow 14 Jars _____ T-Started 0045
 (C) First Final Flow 36 Safety Joint _____ T-Open 0334
 (D) Initial Shut-In 1017 Circ Sub MC T-Pulled 0634
 (E) Second Initial Flow 45 Hourly Standby _____ T-Out 0938
 (F) Second Final Flow 64 Mileage 90RT 139.50 Comments _____
 (G) Final Shut-In 995 Sampler _____
 (H) Final Hydrostatic 2345 Straddle _____ Ruined Shale Packer _____
 Shale Packer 250 Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1639.50
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1639.50

Approved By _____ Our Representative [Signature]

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