

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1249391  
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: \_\_\_\_\_

1249391

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Red Oak Energy, Inc.
Well Name	Walker #1-25
Doc ID	1249391

All Electric Logs Run

CND
DIL
MIC
SON





Services, Inc.

TICKET 27068

CHARGE TO: Red Oak  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

PAGE 1 OF 1

SERVICE LOCATIONS  
 1. Hays, KS WELLS/PROJECT NO. # 1-85 LEASE Walker COUNTY/PARISH Wichita STATE KS CITY \_\_\_\_\_ DATE 4-4-15 OWNER \_\_\_\_\_  
 2. Ness City, KS WELLS/PROJECT NO. \_\_\_\_\_ LEASE \_\_\_\_\_ COUNTY/PARISH \_\_\_\_\_ STATE \_\_\_\_\_ CITY \_\_\_\_\_ DATE 4-3-15 ORDER NO. \_\_\_\_\_  
 3. \_\_\_\_\_ WELLS/PROJECT NO. \_\_\_\_\_ LEASE \_\_\_\_\_ COUNTY/PARISH \_\_\_\_\_ STATE \_\_\_\_\_ CITY \_\_\_\_\_ DATE \_\_\_\_\_ ORDER NO. \_\_\_\_\_  
 4. \_\_\_\_\_ WELLS/PROJECT NO. \_\_\_\_\_ LEASE \_\_\_\_\_ COUNTY/PARISH \_\_\_\_\_ STATE \_\_\_\_\_ CITY \_\_\_\_\_ DATE \_\_\_\_\_ ORDER NO. \_\_\_\_\_

TICKET TYPE  SERVICE  SALES CONTRACTOR Wes D & Co RIG NAME/NO. #3 SHIPPED VIA ET DELIVERED TO W/Rance, KS WELL PERMIT NO. \_\_\_\_\_  
 WELL TYPE D-1 WELL CATEGORY Wicket JOB PURPOSE Cement 2 Stage Logging WELL LOCATION \_\_\_\_\_  
 INVOICE INSTRUCTIONS \_\_\_\_\_

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE # 113	90	mi			500	45000
570					Pump Charge - CWT 2-Stage L.S.	1	ea	4858	ft.	170000	170000
281					Liquid KTL	4	gal			2500	10000
281					Mud Plush	500	gal			125	62500
290					D-Air	5	gal			4200	21000
403					Cement Baskets	2	ea	5 1/2	in	25000	50000
407					Taget FleetShore w/ Hook Fill	1	ea	5 1/2	in	30000	30000
408					D-Vertical & Plug Set	1	ea	5 1/2	in	325000	325000
409					Trubelizers	12	ea	5 1/2	in	7500	90000
417					D-Vertical Down Plug & Baffle	1	ea	5 1/2	in	20000	20000
419					Rotating Head Rental	1	ea	5 1/2	in	20000	20000

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 4-3-15 TIME SIGNED 2330  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	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					P1	8435.00
WE UNDERSTOOD AND MET YOUR NEEDS?					P2	10387.29
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					Subtotal	18722.29
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					Wichita TAX	1160.19
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO			TOTAL	19,882.48

SWIFT OPERATOR Don Lowman CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket. APPROVAL \_\_\_\_\_

Thank You!



**JOB LOG**

**SWIFT Services, Inc.**

DATE 4-3-15 PAGE NO. 1

CUSTOMER Red Oak WELL NO. 1-25 LEASE Walker JOB TYPE Cement 2-stage L.S. TICKET NO. 27068

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		TD <u>4912'</u>	DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING		
<u>4/3</u>	<u>0230</u>								<u>On location - F.E. - Rig L-D DC</u>
<u>4/4</u>	<u>0100</u>								<u>Start 5 1/2" - 14 #/ft casing to 4898' KB</u>
									<u>Insert float shoe w/ Auto-fill</u>
									<u>D.V. L.D. Baffle - Size JT - 4 1/2 @ 4854' = 118 1/2</u>
									<u>Cent Turbos - 1-2-3-5-7-10-12-14-16-55-57</u>
									<u>Cut Baskets Pa end #11 &amp; 56</u>
									<u>D.V. collar #56 @ 2458 = 60 BBI</u>
									<u>Fill-up Bore 5 - As cut</u>
	<u>0230</u>								<u>Fin run casing - Tag &amp; Lay JT down</u>
	<u>0245</u>								<u>Pipe not full -</u>
	<u>0300</u>								<u>Start in casing / Rotate</u>
	<u>0400</u>								<u>Fin cir</u>
									<u>1st stage</u>
		<u>5</u>					<u>300</u>		<u>Pump 500 gal Mud Flush</u>
		<u>5</u>					<u>300</u>		<u>Pump 20 BBI KCL Flush</u>
									<u>Take on Mud to TR</u>
		<u>4</u>					<u>300</u>		<u>Start 175 SKS EA-2 cut</u>
							<u>Var</u>		<u>Finish cut - Washout Pump Lines</u>
		<u>5 1/2</u>					<u>250</u>		<u>Drop L.D. Plug - Start Displ - 70 tbd</u>
		<u>6</u>					<u>300</u>		<u>and 40 Mud, and 8 1/2 tbd</u>
		<u>6</u>	<u>90</u>				<u>400</u>		<u>Caught lift press @ 90 BBI</u>
		<u>6</u>	<u>118</u>				<u>1000</u>		<u>last cir press</u>
	<u>0500</u>		<u>118 1/2</u>				<u>1500</u>		<u>Plug Down - Release &amp; Hold</u>
									<u>Drop D.V. open tool - Washup P.T.</u>
							<u>1500</u>		<u>Open D.V. with trk - Have circulation</u>
	<u>0530</u>								<u>Rig cir / Rotate</u>
	<u>0630</u>								<u>Fin cir</u>
	<u>0640</u>								<u>2nd stage - Plug RH-30 SKS SMD cut</u>
							<u>300</u>		<u>20 BBI KCL Flush</u>
		<u>5</u>					<u>300</u>		<u>Start 270 SKS SMD cut @ 11.2"</u>
							<u>300</u>		<u>tail in @ 13"</u>
			<u>160</u>				<u>Var</u>		<u>Fin cut.</u>
		<u>8</u>					<u>400</u>		<u>Drop Closing Plug - Start Displ</u>
		<u>7/6</u>	<u>40</u>				<u>600</u>		<u>cannot circulate - (40 SKS cut cir)</u>
	<u>0730</u>	<u>6</u>	<u>60</u>				<u>700</u> <u>1500</u>		<u>Plug Down - Hold - Release &amp; Hold</u>
									<u>Job Complete</u>
									<u>Washup / Reel up</u>

*W. S. 2 Bay Tom, Steve, Craig, Paul  
a washup / Reel up*

# ALLIED OIL & GAS SERVICES, LLC 064162

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Oakley Ks

DATE <u>3-26-15</u>	SEC. <u>25</u>	TWP. <u>16</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION <u>11:00 a.m</u>	JOB START <u>12:00 p.m</u>	JOB FINISH <u>12:30 p.m.</u>
LEASE <u>Walker</u>	WELL# <u>1-25</u>	LOCATION <u>Pence W to County line,</u>			COUNTY <u>Wichita</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>35, W, N into</u>				

CONTRACTOR <u>Wlw 2</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>265'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>@ 265'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>116 bbl H<sub>2</sub>O</u>	
EQUIPMENT	
PUMP TRUCK # <u>422</u>	CEMENTER <u>Paul Beaver</u>
	HELPER <u>Brandon Wilkinson</u>
BULK TRUCK # <u>818/287</u>	DRIVER <u>George Grant</u>
BULK TRUCK #	DRIVER

CEMENT	
AMOUNT ORDERED <u>175 sks Com 3% CC</u>	
<u>21- gel</u>	
COMMON	<u>175 sks @ 17.90 3132.50</u>
POZMIX	@
GEL	<u>329 # @ .50 164.50</u>
CHLORIDE	<u>494 # @ 1.10 543.40</u>
ASC	@
	@
<u>Material Total</u>	@ <u>3840.40</u>
<u>(1394.14/35%)</u>	@
	@
	@
	@
	@
HANDLING <u>189.43 ft<sup>3</sup></u>	@ <u>2.48 469.79</u>
MILEAGE <u>8.64 tons x 50mi x 2.95</u>	@ <u>1188.00</u>

**REMARKS:**

mix 175 sks Com 3%2  
Displace w/ water  
cement did circ  
cement in Celler Only!  
Thank You!  
Paul + Crew

TOTAL \_\_\_\_\_

**SERVICE**

DEPTH OF JOB	<u>265'</u>
PUMP TRUCK CHARGE	<u>1512.25</u>
EXTRA FOOTAGE	@
MILEAGE <u>M/LV 50</u>	@ <u>7.90 395.00</u>
MANIFOLD	@
<u>M/LV 50</u>	@ <u>4.40 220.00</u>
	@
<u>(129326/35%)</u>	TOTAL <u>3,695.04</u>

CHARGE TO: Red Oak Energy

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

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

TOTAL \_\_\_\_\_

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

PRINTED NAME Tommy Lang

SIGNATURE [Signature]

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 7,535.44

DISCOUNT 2,637.40 (35%) IF PAID IN 30 DAYS

4,898.03 Net





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Red Oak Energy Inc.  
7701 E Kellogg DR STE 710  
Wichita Ks, 67207  
ATTN: Sean Deenihan

**25-16s-35w Wichita County**

**Walker 1-25**

Job Ticket: 58653 **DST#: 1**

Test Start: 2015.03.31 @ 00:40:00

## GENERAL INFORMATION:

Formation: **LKC "I"**  
 Deviated: No Whipstock: 0.00 ft (KB)  
 Time Tool Opened: 03:25:00  
 Time Test Ended: 06:06:30  
 Interval: **4270.00 ft (KB) To 4313.00 ft (KB) (TVD)**  
 Total Depth: 4313.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Justin Harris  
 Unit No: 71  
 Reference Elevations: 3177.00 ft (KB)  
 3172.00 ft (CF)  
 KB to GR/CF: 5.00 ft

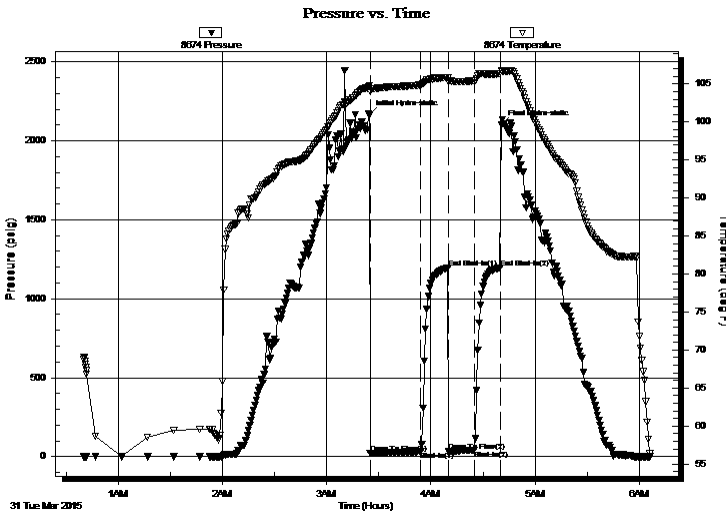
## Serial #: 8674

Inside

Press @ Run Depth: 42.00 psig @ 4271.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2015.03.31 End Date: 2015.03.31 Last Calib.: 2015.03.31  
 Start Time: 00:40:05 End Time: 06:06:29 Time On Btm: 2015.03.31 @ 03:24:45  
 Time Off Btm: 2015.03.31 @ 04:40:30

TEST COMMENT: 30: Weak surface blow died in 20 mins.  
 15: No Return.  
 15: No Blow.  
 15: No Return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2162.93	104.80	Initial Hydro-static
1	20.18	103.98	Open To Flow (1)
30	35.39	104.86	Shut-In(1)
46	1197.48	105.84	End Shut-In(1)
46	35.25	105.27	Open To Flow (2)
61	42.00	105.42	Shut-In(2)
76	1196.18	106.35	End Shut-In(2)
76	2099.51	106.76	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

**FLUID SUMMARY**

Red Oak Energy Inc.

**25-16s-35w Wichita County**

7701 E Kellogg DR STE 710  
Wichita Ks, 67207

**Walker 1-25**

Job Ticket: 58653

**DST#: 1**

ATTN: Sean Deenihan

Test Start: 2015.03.31 @ 00:40:00

## 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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 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:

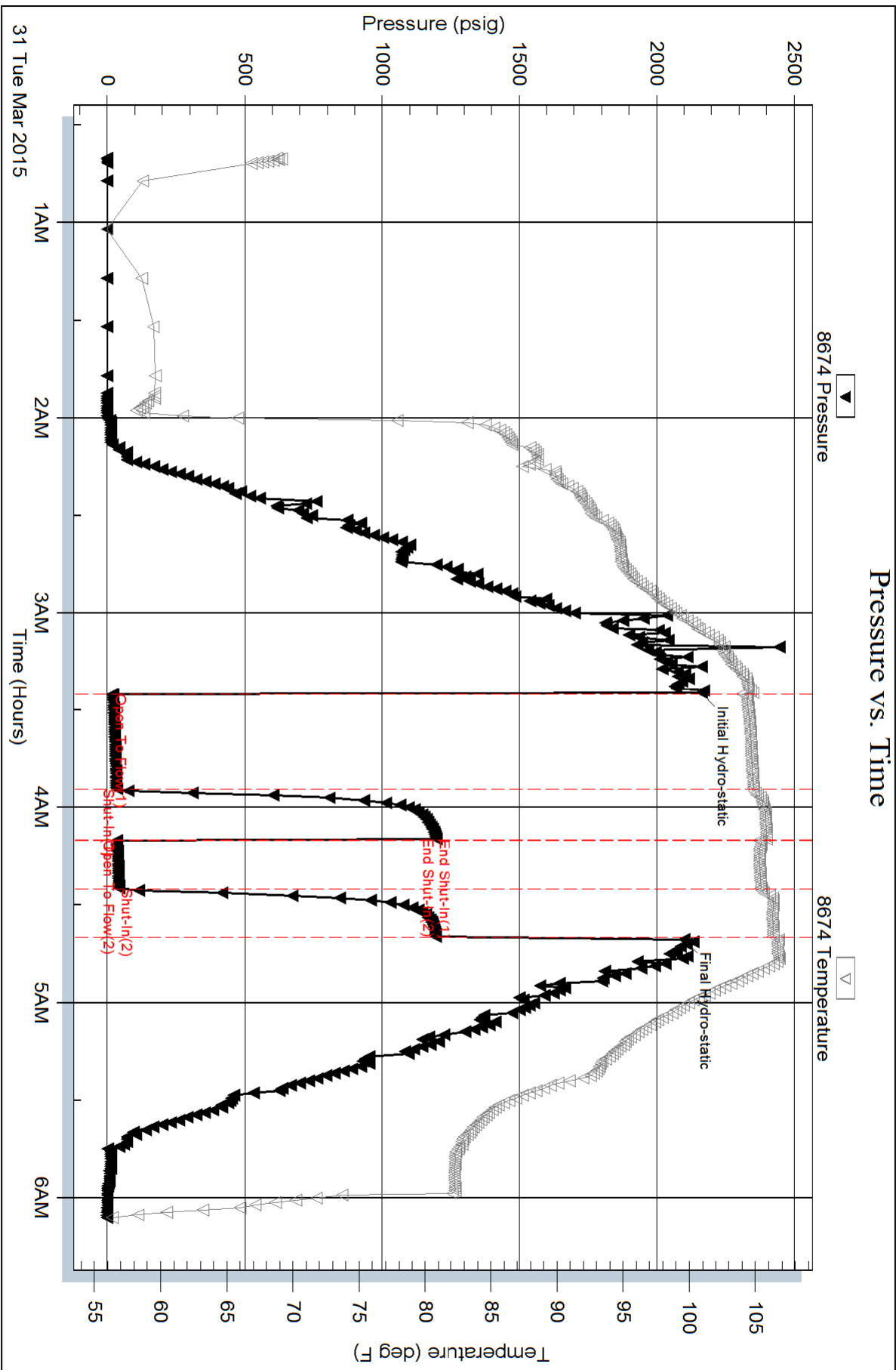
Serial #: 8674

Inside

Red Oak Energy Inc.

Walker 1-25

DST Test Number: 1





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

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

**25-16s-35w Wichita, KS**

**Walker #1-25**

Job Ticket: 58654

**DST#: 2**

Test Start: 2015.04.01 @ 01:30:00

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 05:26:15

Time Test Ended: 10:32:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Justin Harris

Unit No: 71

**Interval: 4450.00 ft (KB) To 4520.00 ft (KB) (TVD)**

Reference Elevations: 3177.00 ft (KB)

Total Depth: 4520.00 ft (KB) (TVD)

3172.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8674**

**Inside**

Press@RunDepth: 368.77 psig @ 4451.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.04.01

End Date:

2015.04.01

Last Calib.:

2015.04.01

Start Time: 01:30:05

End Time:

10:32:00

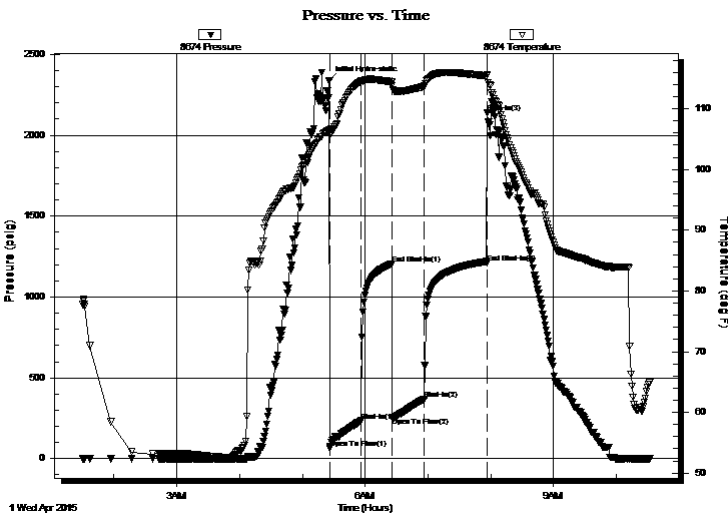
Time On Btm:

2015.04.01 @ 05:25:45

Time Off Btm:

TEST COMMENT: 30: B.O.B in 7 mins.  
30: Weak blow build to 9 1/2".  
30: B.O.B in 5 mins.  
60: Weak blow build to 6 1/2".

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2337.44	106.46	Initial Hydro-static
1	62.69	105.66	Open To Flow (1)
30	233.86	114.52	Shut-In(1)
60	1204.32	114.38	End Shut-In(1)
60	255.42	113.81	Open To Flow (2)
91	368.77	113.65	Shut-In(2)
151	1210.58	115.38	End Shut-In(2)
151	2137.98	115.51	Shut-In(3)

## Recovery

Length (ft)	Description	Volume (bbl)
126.00	gmco 20g 20m 60o	0.66
567.00	gmco 5g 5m 90o	7.95
108.00	clean oil	1.51
0.00	1149' GIP	0.00

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Red Oak Energy Inc.

**25-16s-35w Wichita,KS**

7701 E Kellogg DR STE 710  
Wichita KS 67207

**Walker #1-25**

Job Ticket: 58654

**DST#: 2**

ATTN: Sean Deenihan

Test Start: 2015.04.01 @ 01:30:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	gmco 20g 20m 60o	0.656
567.00	gmco 5g 5m 90o	7.954
108.00	clean oil	1.515
0.00	1149' GIP	0.000

Total Length: 801.00 ft

Total Volume: 10.125 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

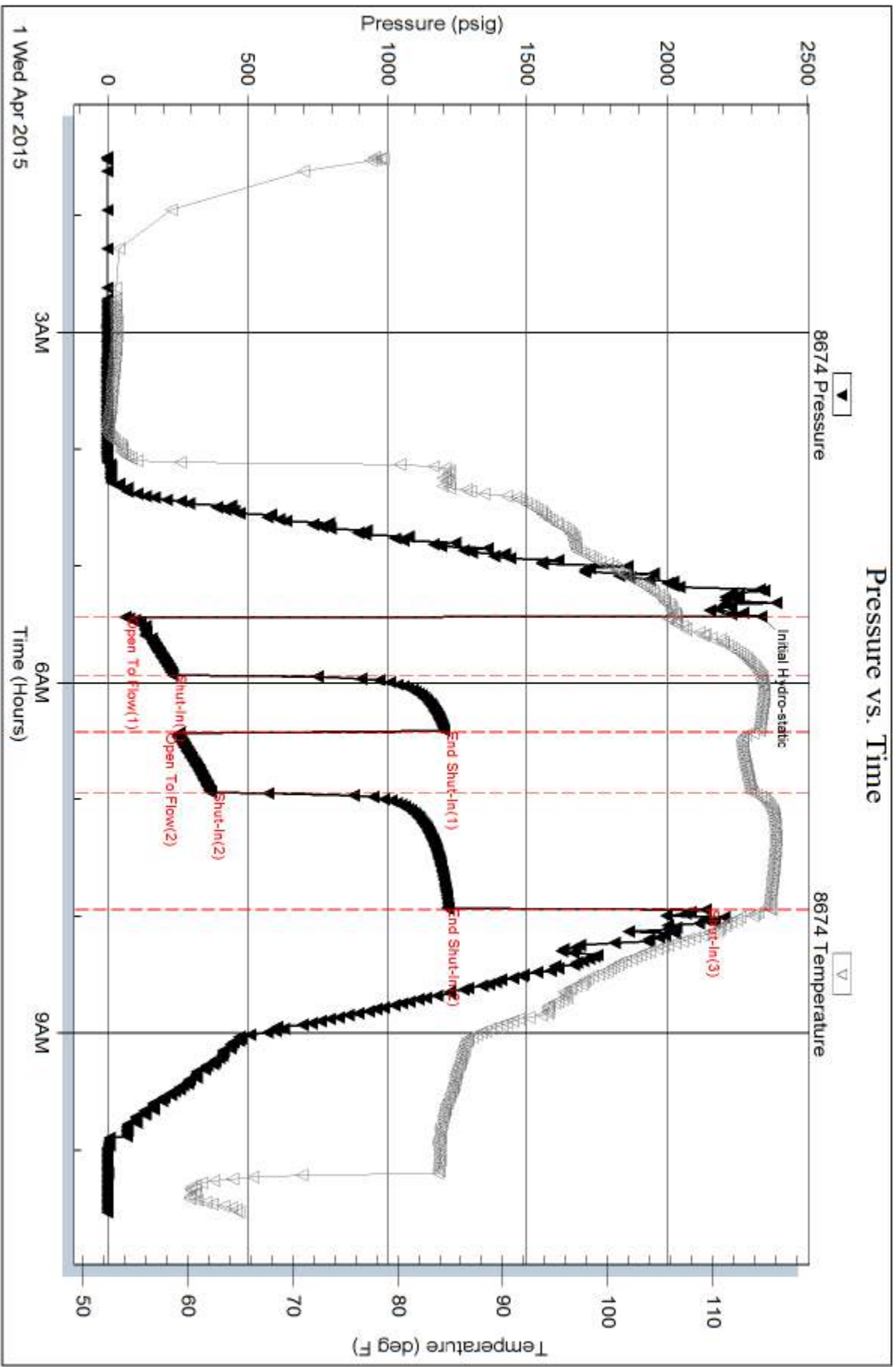
Serial #: 8674

Inside

Red Oak Energy Inc.

Walker #1-25

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 59654

Printed: 2015.04.01 @ 11:10:51



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Red Oak Energy Inc.  
7701 E Kellogg DR STE 710  
Wichita Ks, 67207  
ATTN: Sean Deenihan

**25-16s-35w Wichita County**

**Walker 1-25**

Job Ticket: 58655

**DST#: 3**

Test Start: 2015.04.02 @ 11:44:00

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 15:33:15

Time Test Ended: 18:41:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Justin Harris

Unit No: 71

**Interval: 4654.00 ft (KB) To 4754.00 ft (KB) (TVD)**

Total Depth: 4754.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3177.00 ft (KB)

3172.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8355 Outside**

Press @ Run Depth: 31.97 psig @ 4655.00 ft (KB)

Start Date: 2015.04.02

End Date: 2015.04.02

Start Time: 11:44:05

End Time: 18:41:14

Capacity: 8000.00 psig

Last Calib.: 2015.04.02

Time On Btm: 2015.04.02 @ 15:32:45

Time Off Btm: 2015.04.02 @ 16:35:15

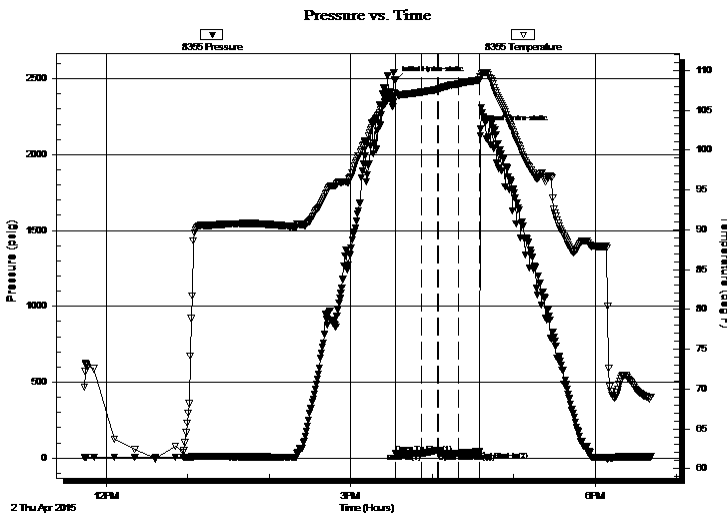
**TEST COMMENT:** 15: Weak surface blow died in 4 mins.

15: No Return.

15: No Blow .

15: No Return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2489.19	107.07	Initial Hydro-static
1	31.12	106.63	Open To Flow (1)
19	30.67	107.27	Shut-In(1)
32	51.68	107.59	End Shut-In(1)
32	31.01	107.60	Open To Flow (2)
47	31.97	108.27	Shut-In(2)
62	41.95	108.79	End Shut-In(2)
63	2167.53	109.15	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w ith oil spots	0.02

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Red Oak Energy Inc.

**25-16s-35w Wichita County**

7701 E Kellogg DR STE 710  
Wichita Ks, 67207

**Walker 1-25**

Job Ticket: 58655

**DST#: 3**

ATTN: Sean Deenihan

Test Start: 2015.04.02 @ 11:44:00

## 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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud with oil spots	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:



