



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1160013  
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: \_\_\_\_\_



1160013

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:  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> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Russell Oil, Inc.
Well Name	Ken Baker A 10-1
Doc ID	1160013

All Electric Logs Run

BOREHOLE COMPENSATED SONIC LOG
DUAL INDUCTION
DUAL COMPENSATED POROSITY
MICRORESISTIVITY

Form	ACO1 - Well Completion
Operator	Russell Oil, Inc.
Well Name	Ken Baker A 10-1
Doc ID	1160013

Tops

Name	Top	Datum
ANHYDRITE	2447	+695
BASE ANHYDRITE	2465	+677
TOPEKA	3768	-626
HEEBNER	3937	-795
TORONTO	3954	-812
LANSING	3985	-843
MUNCIE CREEK	4151	-1009
STARK SHALE	4247	-1105
BASE KC	4334	-1192
MARMATON	4384	-1242
ALTAMONT A	4398	-1256
ALTAMONT B	4422	-1280
ALTAMONT C	4442	-1300
PAWNEE	4476	-1334
MYRICK STATION	4504	-1362
FT SCOTT	4526	-1384
CHEROKEE SHALE	4550	-1408
JOHNSON	4610	-1468
MISSISSIPPI	4724	-1582

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



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

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

September 26, 2013

LEROY HOLT  
Russell Oil, Inc.  
PO BOX 8050  
EDMOND, OK 73083

Re: ACO1  
API 15-203-20221-00-00  
Ken Baker A 10-1  
NE/4 Sec.10-16S-35W  
Wichita County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
LEROY HOLT



**CONSOLIDATED**  
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

TICKET NUMBER 38002  
LOCATION Oakley, KS  
FOREMAN Kelly Gebe

260107

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-18-13	7043	Ken Baker A#10-1	10	16 <sup>S</sup>	35 <sup>W</sup>	Wichita
CUSTOMER Russell Oil			Pense west to			
MAILING ADDRESS			Rd 23			
CITY			1 1/2 N			
STATE			Wimo			
ZIP CODE						
TRUCK #	DRIVER	TRUCK #	DRIVER			
463	Trevi					
693	Mike					

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 4800 CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 142 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: safety meeting rigged up on #2 #2, mixed cement  
Plugs & displaced down.  
50 @ 2490  
80 @ 1560  
50 @ 780  
50 @ 330  
20 @ 60 w/wiper Plug  
30R# 20MH washed out pump & lines, rigged down.

*Thank you Kelly & crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1395 <sup>00</sup>	1395 <sup>00</sup>
5406	40 mi	MILEAGE	5 <sup>25</sup>	210 <sup>00</sup>
1131	300 SKS	60/40 Poz	15 <sup>86</sup>	4758 <sup>00</sup>
1118B	1032#	Bentonite	2 <sup>7</sup>	278 <sup>64</sup>
1107	25#	Flo-seal	2 <sup>97</sup>	222 <sup>75</sup>
5407A	12.9	Ton mileage delivery	1 <sup>75</sup>	903 <sup>20</sup>
4432	1	8 7/8 Wooden Plug	100 <sup>75</sup>	100 <sup>75</sup>
				7868 <sup>34</sup>
				786 <sup>83</sup>
				7081 <sup>51</sup>
		SALES TAX		369.06
		ESTIMATED TOTAL		7450.57

**Completed**

*Leads 10970*

Revin 3737

AUTHORIZATION Steven Craig TITLE Tool Pusher DATE 7-18-13

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



260442

TICKET NUMBER 37974  
 LOCATION Onkley, KS  
 FOREMAN Walt Dinkel

PO Box 884, Chanute, KS 66720  
 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT  
**CEMENT**

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
7-11-13	7043	Ken Baker A 10-1	10	16 S	35 W	Wichita	
CUSTOMER Russell Oil Co			Pense west to rd 23				
MAILING ADDRESS			2N W12				
CITY			STATE ZIP CODE				
		TRUCK #		DRIVER		TRUCK # DRIVER	
		463		Cory Deyers			
		693		Jeremy R.			
				Daniel DeGraaf		Ride - G. Long	

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 314' CASING SIZE & WEIGHT 8 5/8 - 20'  
 CASING DEPTH 213 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 15.7 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 15-20'  
 DISPLACEMENT 18 3/4 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5 BPM

REMARKS: Safety Meeting, rig up on H<sub>2</sub> #2, circ casing on bottom  
Mixed 215 sks com, 3% cc - 2% gel, Displace 18 3/4 BBL H<sub>2</sub>O  
Shut in  
Cement Did Circ  
Approx 5 BBL to RT

Thank You  
 Walt & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1,150.00	1,150.00
5406	40	MILEAGE	5.25	210.00
11045	215 sks	class A Cement	18.55	3,988.25
1102	606 #	calcium chloride	.94	569.64
1118B	404 #	gel	2.7	109.08
5407A	10.11	Ten Mileage Delivery	70.00	708.00
				6,734.97
		Less 10% Disc	-	673.50
				6,061.47
			SALES TAX	321.32
			ESTIMATED TOTAL	6,382.79

RAWIN 3737  
 AUTHORIZATION Steven Craig TITLE Tool Pusher DATE 7-11-13

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Russel Oil, Inc.  
PO Box 8050  
Edmond, OK 73083  
ATTN: Kitt Noah

**10-16s-35w Wichita Co.**  
**Ken Baker A #10-1**  
Job Ticket: 52804      **DST#: 1**  
Test Start: 2013.07.16 @ 04:45:00

## GENERAL INFORMATION:

Formation: **Altamont " B"**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 07:20:45  
Time Test Ended: 11:15:15  
Interval: **4410.00 ft (KB) To 4440.00 ft (KB) (TVD)**  
Total Depth: 4440.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Reference Elevations: 3142.00 ft (KB)  
3132.00 ft (CF)  
KB to GR/CF: 10.00 ft  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Sam Esparza  
Unit No: 64

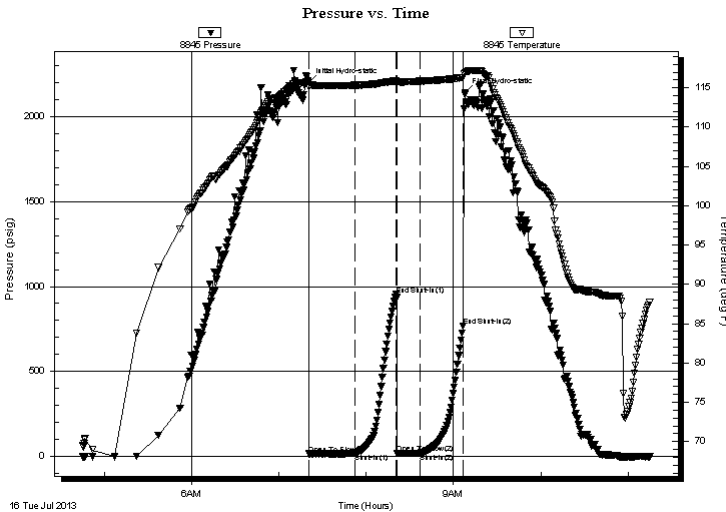
## Serial #: 8845

**Outside**

Press @ Run Depth: 19.12 psig @ 4411.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2013.07.16      End Date: 2013.07.16      Last Calib.: 2013.07.16  
Start Time: 04:45:05      End Time: 11:15:14      Time On Btm: 2013.07.16 @ 07:20:15  
Time Off Btm: 2013.07.16 @ 09:07:45

**TEST COMMENT:** IF: Weak Surface Blow died @ 10 min.  
IS: No Return.  
FF: No Blow flushed tool @ 10 min. No Blow.  
FS: No Return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2201.02	115.83	Initial Hydro-static
1	15.59	115.16	Open To Flow (1)
32	16.68	115.34	Shut-In(1)
61	952.87	115.89	End Shut-In(1)
61	18.50	115.56	Open To Flow (2)
77	19.12	115.86	Shut-In(2)
107	766.87	116.33	End Shut-In(2)
108	2139.55	116.89	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	OCM 30o 70m	0.05

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Russel Oil, Inc.

**10-16s-35w Wichita Co.**

PO Box 8050  
Edmond, OK 73083

**Ken Baker A #10-1**

Job Ticket: 52804

**DST#: 1**

ATTN: Kitt Noah

Test Start: 2013.07.16 @ 04:45:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	OCM 30o 70m	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

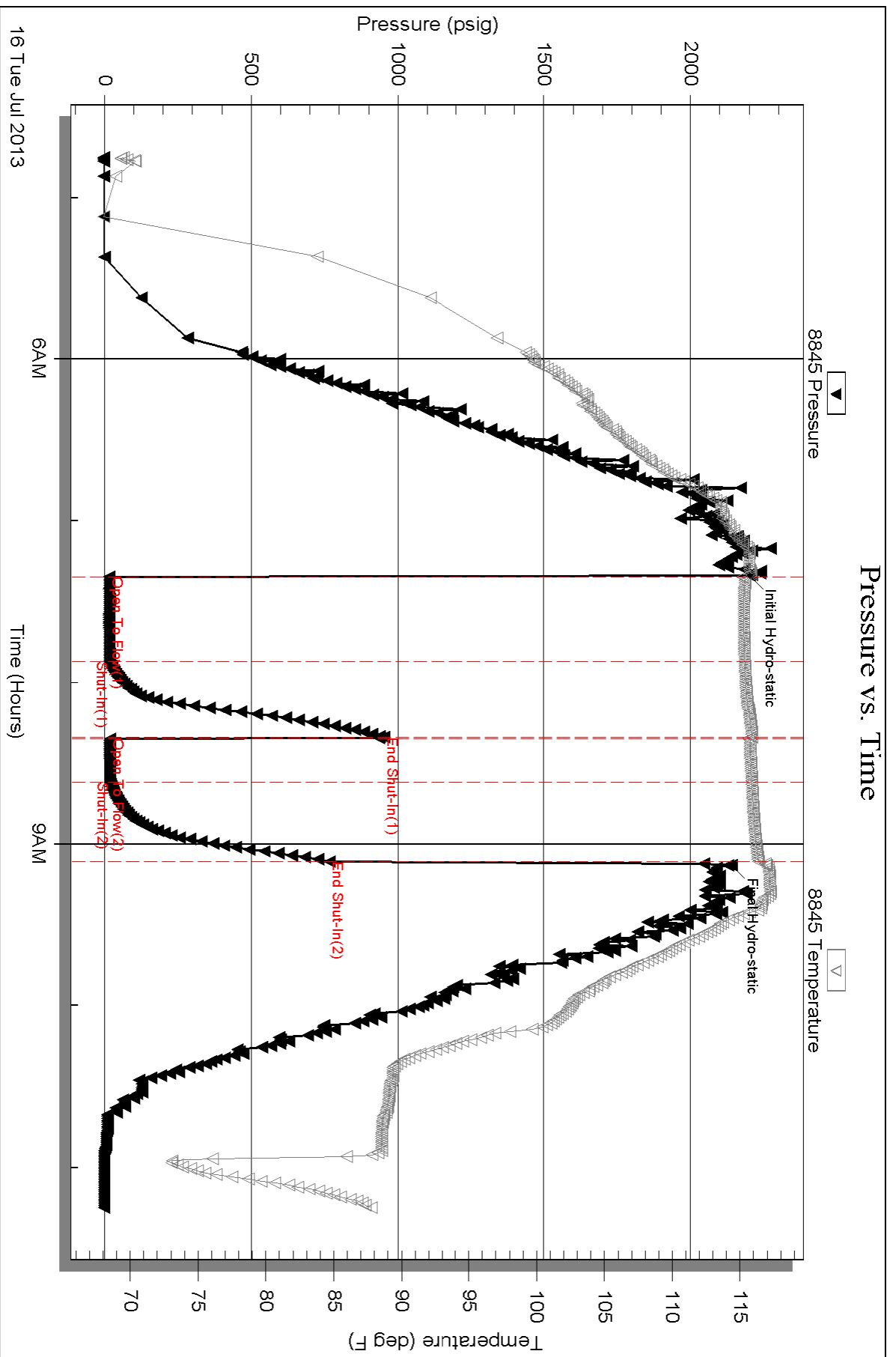
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

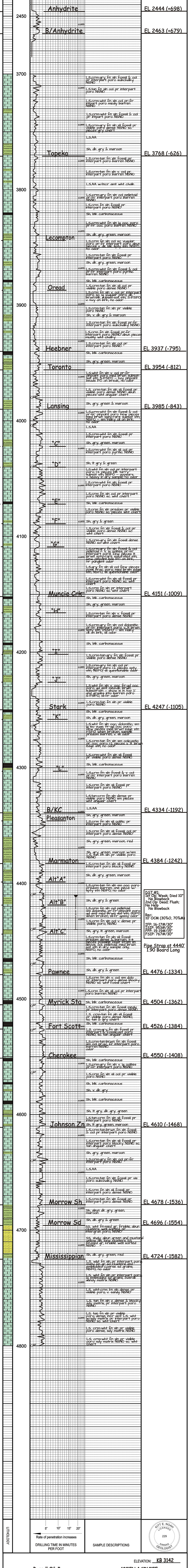


**KITT NOAH**  
PETROLEUM GEOLOGIST  
Kansas License #229

**Oil Incorporated**  
Exploration & Production  
#15-203-20-221  
ELEVATION: **KB 3142**  
GL: **3132**  
MEASURED FROM: **KB**

<b>FORMATION LOG</b>		TOP DATA	
Anyhrite	2444 (+698)	CONTRACTOR: <b>H2 Drilling Bldg #2</b>	COMM: <b>7-10-2013</b> OCN: <b>7-18-2013</b>
B/Anyhrite	2463 (+679)	RTD: <b>4800</b>	LTD: <b>4800</b>
Heebner	3937 (-795)	SAMPLES SAVED FROM: <b>3700 to TD</b>	DRILLING TIME SAVED FROM: <b>3700 to TD</b>
Toronto	3954 (-812)	SAMPLES EXAMINED FROM: <b>3700 to TD</b>	GEO. OIGCAL SUPERVISION FROM: <b>3000 to TD</b>
Lansing	3985 (-843)	MUD JIP: <b>3450</b>	MUD TYPE: <b>chemical</b>
Stark	4247 (-1105)	MUDUC: <b>Tank Master</b>	DRILL STEAM PRESS. RAGEN: <b>1</b>
B/KC	4334 (-1192)	DRILL STEAM PRESS. RAGEN: <b>1</b>	TRIBIBITE: <b>- Sam Bennett</b>
Marmaton	4381 (-1239)	SURVENS: <b>Primer Energy Services</b>	
Pawnee	4476 (-1334)	Dual Production	
Cherokee	4550 (-1408)	Micro Seismic Compensated Sonic	
Mississippian	4724 (-1582)	Dual Production	
RD	4800 (-1658)	Micro Seismic Compensated Sonic	
LTD	4800 (-1658)	Dual Production	

OPERATOR: <b>Russell Oil, Inc.</b>	LOCATION: <b>420'FN &amp; 1760'FE</b>
LEASE: <b>Ken Baker "A" WELL NO: #10-1</b>	SEC: <b>10</b> TWP: <b>16S</b> RNG: <b>35W</b>
API: <b>15-203-20-221</b>	FIELD: <b>Wildcat</b> COUNTY: <b>Wichita</b> STATE: <b>Kansas</b>



DST #1:  
1st Op: Weak; Died 10"  
No Blowback  
2nd Op: Dead; Flush;  
No Help  
No Blowback  
Rec:  
10' OCM (30%O, 70%M)  
IFP: 16-17#/30"  
ISIP: 953##/30"  
FFP: 19-19#/15"  
FSIP: 767##/30"  
Pipe Strap at 4440'  
1.90 Board Long

ELEVATION: **KB 3142**  
OPERATOR: **Russell Oil, Inc.** LOCATION: **420'FN & 1760'FE**  
LEASE: **Ken Baker "A" WELL NO: #10-1** SEC: **10** TWP: **16S** RNG: **35W**  
API: **15-203-20-221** FIELD: **Wildcat** COUNTY: **Wichita** STATE: **Kansas**

