

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1262850
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: _____

1262850



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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Russell Oil, Inc.
Well Name	Rita Law A 24-1
Doc ID	1262850

All Electric Logs Run

COMPUTER PROCESSED INTERP
DUAL INDUCTINO
DUAL COMPENSATED POROSITY
MICRORESISTIVITY
SECTOR BOND

Form	ACO1 - Well Completion
Operator	Russell Oil, Inc.
Well Name	Rita Law A 24-1
Doc ID	1262850

Tops

Name	Top	Datum
ANHYDRITE	1781	+372
BASE ANHYDRITE	1815	+338
TOPEKA	3154	-1001
TORONTO	3390	-1237
LANSING	3406	-1253
MUNCIE CR	3524	-1371
BASE KC	3620	-1467
ARBUCKLE	NDE	NDE
LTD	3677	-1524
RTD	3675	-1522



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

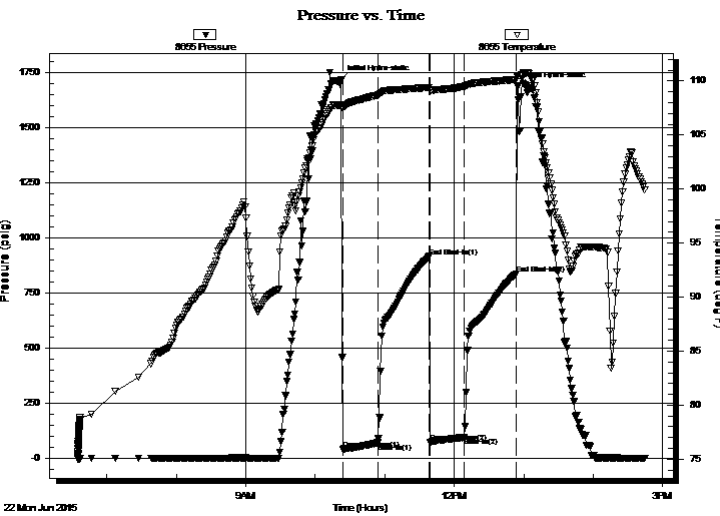
24-8S-23W Graham, KS
Rita Law A#24-1
Job Ticket: 34527 **DST#: 1**
Test Start: 2015.06.22 @ 06:34:48

GENERAL INFORMATION:

Formation: **LKC "H&I"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:23:48
Time Test Ended: 14:44:48
Interval: 3522.00 ft (KB) To 3572.00 ft (KB) (TVD)
Total Depth: 3572.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Test Type: Conventional Bottom Hole (Initial)
Tester: Brannan Lonsdale
Unit No: 62
Reference Elevations: 2153.00 ft (KB)
2143.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8655 Outside
Press@RunDepth: 95.73 psig @ 3536.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.06.22 End Date: 2015.06.22 Last Calib.: 2015.06.22
Start Time: 06:34:49 End Time: 14:44:48 Time On Btm: 2015.06.22 @ 10:22:18
Time Off Btm: 2015.06.22 @ 12:54:48

TEST COMMENT: 30- IF- BOB 20mins
45- IS- Very weak surface blow died in 17mins
30- FF- Built slowly to 6.5"
45- FS- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1715.59	107.78	Initial Hydro-static
2	40.46	107.56	Open To Flow (1)
32	70.41	108.67	Shut-In(1)
76	915.87	109.40	End Shut-In(1)
77	73.85	109.18	Open To Flow (2)
106	95.73	109.50	Shut-In(2)
151	837.55	110.14	End Shut-In(2)
153	1687.85	110.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
220.00	GMCO, 50%O 35%M 15%G	3.12
0.00	345' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

24-8S-23W Graham, KS

PO Box 8050
Edmond, OK 73083

Rita Law A#24-1

Job Ticket: 34527

DST#: 1

ATTN: Kitt Noah

Test Start: 2015.06.22 @ 06:34:48

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
220.00	GMCO, 50%O 35%M 15%G	3.119
0.00	345' GIP	0.000

Total Length: 220.00 ft Total Volume: 3.119 bbl

Num Fluid Samples: 0

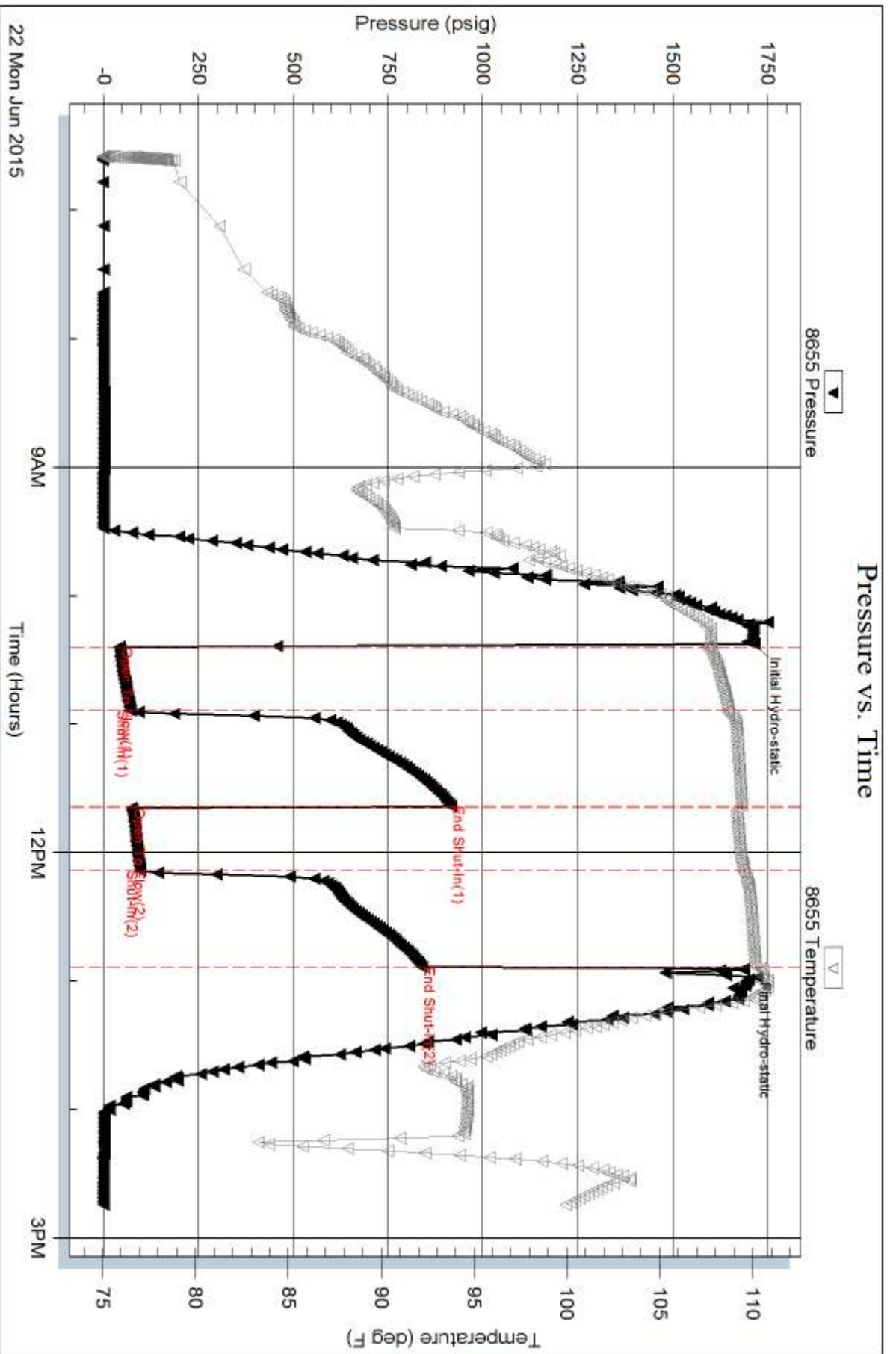
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

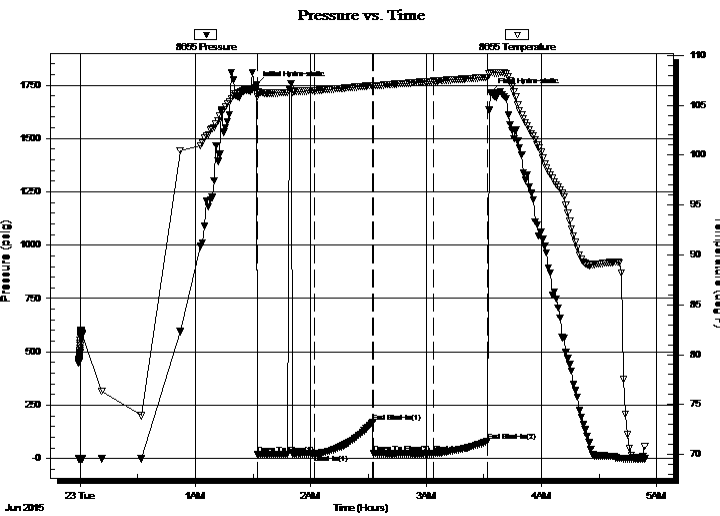
24-8S-23W Graham, KS
Rita Law A#24-1
Job Ticket: 34528 **DST#: 2**
Test Start: 2015.06.22 @ 23:59:15

GENERAL INFORMATION:

Formation: **LKC "J&K"**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 01:32:15 Tester: Brannan Lonsdale
Time Test Ended: 04:54:15 Unit No: 62
Interval: 3570.00 ft (KB) To 3608.00 ft (KB) (TVD) Reference Elevations: 2153.00 ft (KB)
Total Depth: 3608.00 ft (KB) (TVD) 2143.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8655 Outside
Press @ Run Depth: 23.17 psig @ 3573.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.06.22 End Date: 2015.06.23 Last Calib.: 2015.06.23
Start Time: 23:59:16 End Time: 04:54:15 Time On Btm: 2015.06.23 @ 01:31:45
Time Off Btm: 2015.06.23 @ 03:33:45

TEST COMMENT: 30- IF- Dead blow
30- ISI- No blow
30- FF- No blow
30- FSI- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1749.90	106.67	Initial Hydro-static
1	20.50	105.86	Open To Flow (1)
30	22.15	106.47	Shut-In(1)
61	170.77	106.97	End Shut-In(1)
61	22.98	106.90	Open To Flow (2)
92	23.17	107.39	Shut-In(2)
120	79.78	107.79	End Shut-In(2)
122	1715.36	108.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

24-8S-23W Graham, KS

PO Box 8050
Edmond, OK 73083

Rita Law A#24-1

Job Ticket: 34528

DST#: 2

ATTN: Kitt Noah

Test Start: 2015.06.22 @ 23:59:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M	0.071

Total Length: 5.00 ft Total Volume: 0.071 bbl

Num Fluid Samples: 0

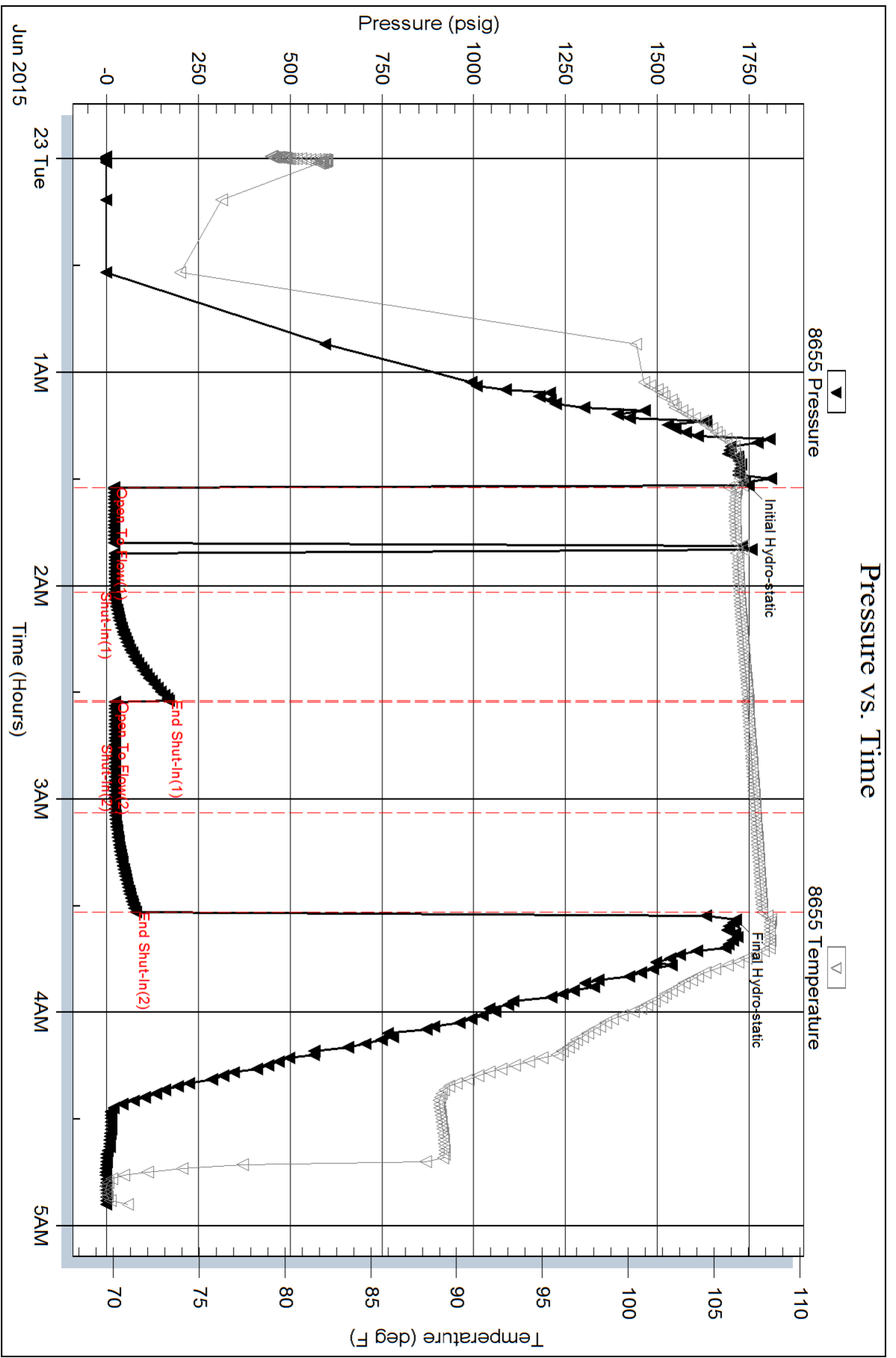
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



KITT NOAH

PETROLEUM GEOLOGIST
Kansas License #229



PRM Energy
Exploration & Production

ELEVATION: **KB 2153**
GL: **2143**
MEASURED FROM: **KB**

API: **15-065-24.102**

GEOLOGIST'S REPORT

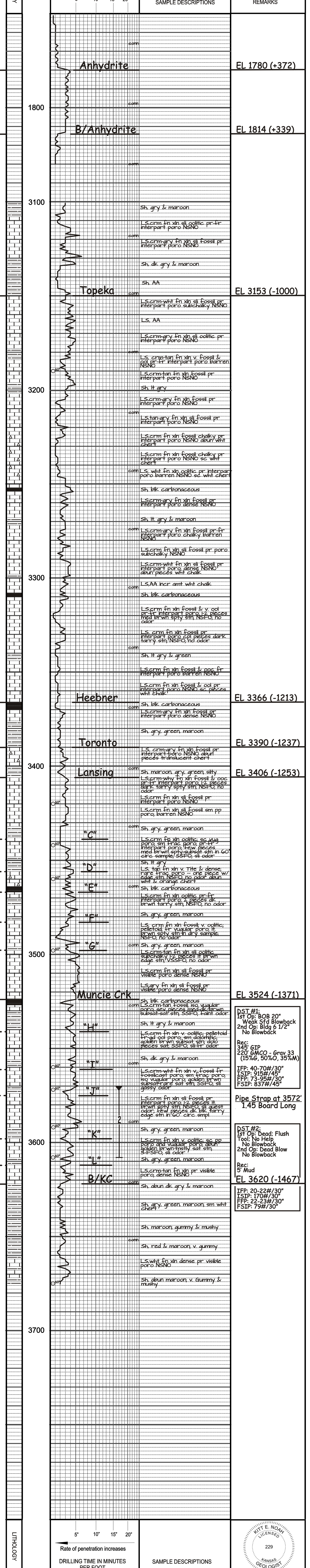
DRILLING TIME AND SAMPLE LOG

OPERATOR: **Russell Oil, Inc.**
LEASE: **Rita Law "A"** WELL NO: **#24-1**
LOCATION: **1259'FN & 913'FE**
SEC: **24** TWP: **8S** RNG: **23W**
COUNTY: **Graham** STATE: **Kansas**

CASING RECORD:
SURFACE: **8 5/8" set at 335' w/150' sx**
PRODUCTION: **4 1/2" set at 3668' w/125' sx**
DV TOOL: **PC set at 1814'**

CONTRACTOR: **Southwind Rig #1**
COMM: **6-17-2015** COMPL: **6-24-2015**
RTD: **3675** LT: **3677**
SAMPLER SAVED FROM: **3100 to TD**
DRILLING TIME SAVED FROM: **3100 to TD**
SAMPLER EXAMINED FROM: **3100 to TD**
GEOLOGICAL SUPERVISION FROM: **3100 to TD**
MUD UP: **3000** MUD TYPE: **chemical**
Mudco - **Geary Schmidtberger**
DRILL STEM TESTS TAKEN: **2**
Trilobite - Brennan Lonsdale

FORMATION	TOP	LOG	DATE
Anhydrite	1780 (+373)		
B/Anhydrite	1814 (+339)		
Lopela	3153 (-1000)		
Heebner	3366 (-1213)		
Toronto	3390 (-1237)		
Lansing	3406 (-1253)		
Muncie Creek	3524 (-1371)		
B/KC	3620 (-1467)		
RTD	3675 (-1522)		
LTD	3677 (-1524)		



ELEVATION: **KB 2153**

OPERATOR: **Russell Oil, Inc.** LOCATION: **1259'FN & 913'FE**
LEASE: **Rita Law "A"** WELL NO: **#24-1** SEC: **24** TWP: **8S** RNG: **23W**
API: **15-065-24.102** FIELD: **Wildcat** COUNTY: **Graham** STATE: **Kansas**

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1429

Date <u>6-18-15</u>	Sec. <u>24</u>	Twp. <u>8</u>	Range <u>23</u>	County <u>Graham</u>	State <u>KS</u>	On Location	Finish <u>12:30AM</u>
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Location ~~445000~~ H. H. City Trailer park, IE

Lease <u>Rita Law A</u>	Well No <u>24-1</u>	Owner To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor <u>Southwind 1</u>		
Type Job <u>Surface</u>		
Hole Size <u>12 1/4</u>	T.D. <u>337</u>	Charge To <u>Russell Oil</u>
Csg. <u>8 7/8</u>	Depth <u>334</u>	Street
Tbg. Size	Depth	City State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg.	Shoe Joint <u>20</u>	Cement Amount Ordered <u>1905x^{8 7/8} 20</u>
Meas Line	Displace <u>20661</u>	

EQUIPMENT

Pumptrk <u>5</u>	No.	Cementor <u>David</u>	Common
Bulktrk <u>19</u>	No.	Driver <u>Rick</u>	Poz. Mix
Bulktrk <u>PV</u>	No.	Driver <u>Travis</u>	Gal.
			Calcium

JOB SERVICES & REMARKS

Remarks <u>cement did circulate</u>	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Koi-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	
Mileage	

	Tax	
	Discount	
Signature <u>H.L. Thompson</u>	Total Charge	

BASIC

energy services, L.P.

TREATMENT REPORT

Customer Russell Oil, Inc.	Lease No.	Date 6-24-2015
Lease Rits LSW 'D'	Well # 24-1	
Field Order # 12271	Station Pratt, KS	Casing 4 1/2
	Depth 3667	County Grady
Type Job CNW / 4 1/2 LWS string	Formation TD-3670	Legal Description 24-85-23W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
4 1/2								
Depth 3667	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 3678	Packer Depth	From	To	Flush KCL water	Gas Volume		Total Load	

Customer Representative Todd	Station Manager Kevin Gordley	Treater Darin Franklin
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Service Units	92911	84981	19843	70959	73768				
Driver Names	Darin	Ed	Ed	Mystrom	Mystrom				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:30pm					on loc4+ on / SSPW meeting
					Pipe on bottom & Break Circuits on
2:00pm	300		5	5	Pump 5 bbls water
	300		24	5	Pump 24 bbls Flush
	300		5	5	Pump 5 bbls water
	300		30	5	mix 125 slt cement
					Shut down
					Wash pump & lines
					Release plug
	100		0	6	sdgrt displacement
	400		40	6	Lift Pressure
	400		48	3	Slow Rise
	1500		55	3	Bump Plug
2:30pm					Flow - Hold
	100		7	3	Plug Rgt hole
	100		5	3	Plug mouse hole
					Tch complete / Darin drove
					Thank you!!!



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

24-85-23W

FIELD SERVICE TICKET

1718 12271 A

DATE _____ TICKET NO _____

DATE OF JOB: 6-24-2015		DISTRICT: Psthd, KS		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:						
CUSTOMER: Russell Oil, Inc		LEASE: Psthd LGW A		WELL NO. 24-						
ADDRESS:		COUNTY: Grshsm		STATE: KS						
CITY:		STATE:		SERVICE CREW: Psthd, Ed, Mustang						
AUTHORIZED BY:		JOB TYPE: CNW / 4 1/2 Conslings								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
19843	1/2						6-23	AM		4:30
23768	1/4						6-24	PM		2:00
							6-24	PM		2:30
							6-24	PM		3:30
						MILES FROM STATION TO WELL	174			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: Todd Brown
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AA 2 Cement	SK	125		2125 00
CP103	60/40 P02	SK	50		600 00
CC102	Cellofloc	Lb	32		118 40
CC105	C-41 P	Lb	30		120 00
CC111	SS1+	Fb	572		286 00
CC115	C-44	Lb	89		458 35
CC129	FLA-322	Lb	95		712 50
CC201	Gilsonite	Lb	625		418 75
CF470	Cement Port Celler, 4 1/2 (Red)	ES	1		3886 00
CF606	Latch Down Plug & Baffle 4 1/2 (Blue)	ES	1		370 00
CF1250	Build Fill Floor Shee 4 1/2 (Blue)	ES	1		330 00
CF1650	Turbulizer, 4 1/2 (Blue)	ES	7		595 00
CF1900	4 1/2 Baffle (Blue)	ES	1		270 00
CC155	Super Flush	Gal	1,000		1,530 00
C704	Cycmax KCL substitute	Gal	3		105 00
E100	Unit + mileage charge Dick P. Snelson	M.	100		450 00
F101	Hourly Equipment + Mileage	M.	200		1,500 00
E113	Proprietor and Bulk Delivery Charges (one round trip)	Tons	805		2,012 50
CF264	Depth Charge 3001-4001	Lhr	1		2,160 00

SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

TOTAL

16

SERVICE REPRESENTATIVE: John Johnson THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Todd Brown

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1839

Date	7-8-15	Sec.	24	Twp.	8	Range	23	County	Graham	State	Ks	On Location	Finish
													3:15 PM
Lease	Rita Law A			Well No.	24-1			Owner	IE 1/2 N 10/15				
Contractor	Outlaw Well Service			Location Hill City, Ks - S to trailer park.									
Type Job	Port Collar			To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.									
Hole Size	4 1/2"			T.D.	Charge To Russell oil								
Csg.	4 1/2"			Depth	3668'								
Tub. Size	2"			Depth	1814'								
Tool	Port Collar			Depth	1814'								
Cement Left in Csg.				Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.								
Meas Line				Displace	H2O			Cement Amount Ordered	350 @ 80/20 QMDC 1/4"				
				EQUIPMENT				6 gal used 310					
Pumptrk	20 No. Cementer			Helper Billy			Common 310 80/20 QMDC						
Bulktrk	24 No. Driver			Chad			Poz. Mix						
Buttrk	puc No. Driver			Rick			Gel. 6						
				JOB SERVICES & REMARKS				Hulls					
Remarks:	Load hole, pressure tool to											Salt	
Rat Hole	1000' mix 7 lbs of Gel											Flowseal 87#	
Mouse Hole	open tool mix Rest of gel											Kot-Seal	
Centralizers	mix 325 5x Cement + Displace											Mud CLR 48	
Baskets	w/ 6 lbs of water. Closed tool											CFL-117 or CD110 CAF 38	
DN or Port Collar	pressure to 1000' Run 5											Sand	
Its tubing Reversed out.												Handling 350	
washed up + Rigged down.												Mileage	
Cement did Circulate												ROCK FLOAT EQUIPMENT	
used 310												Guide Shoe	
used 305 5x 80/20 QMDC 1/4"												Centralizer	
+ 6 gal on side												Baskets	
												AFU Inserts	
												Float-Shoe	
												Latch Down	
												Pumptrk Charge port collar	
												Mileage 34	
												Tax	
												Discount	
												Total Charge	
Signature	Todd Bice												