



KANSAS CORPORATION COMMISSION 1065862  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33633  
Name: Carter, Jim dba J Carter Oil  
Address 1: PO BOX 491  
Address 2: \_\_\_\_\_  
City: RUSSELL State: KS Zip: 67665 + 0491  
Contact Person: Jim Carter  
Phone: ( 785 ) 483-8057  
CONTRACTOR: License # 33905  
Name: Royal Drilling Inc  
Wellsite Geologist: Herb Deines  
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  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

<u>1/12/2011</u>	<u>1/17/2011</u>	<u>2/15/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-167-23687-00-00  
Spot Description: \_\_\_\_\_  
N2 N2 SW NE Sec. 5 Twp. 15 S. R. 14  East  West  
1520 Feet from  North /  South Line of Section  
1980 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Russell  
Lease Name: Keil Well #: 11  
Field Name: \_\_\_\_\_  
Producing Formation: Arbuckle  
Elevation: Ground: 1756 Kelly Bushing: 1762  
Total Depth: 3275 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 776 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: 63000 ppm Fluid volume: 1000 bbls  
Dewatering method used: Hauled to Disposal  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: J Carter Oil  
Lease Name: Keil License #: 33633  
Quarter NE Sec. 5 Twp. 15 S. R. 14  East  West  
County: Russell Permit #: D25480

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

- Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Gantner Date: 10/25/2011



1065862

Operator Name: Carter, Jim dba J Carter Oil Lease Name: Keil Well #: 11  
 Sec. 5 Twp. 15 S. R. 14  East  West County: Russell

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: Radiation Guard Log Microresistivity Log Sonic Cement Bond Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Attached Top Datum Attached
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CASING RECORD <input checked="" 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
Surface	12.25	8.625	23	776	Common	320	3%CC, 2% Gel.
Production	7.875	5.5	15.5	3271	Common.	200	10% Salt, 5% Gil.

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
— Perforate				
— Protect Casing	-			
— Plug Back TD				
— Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	3188 - 3190		

TUBING RECORD: Size: <u>2.875</u> Set At: <u>3180</u> Packer At: <u> </u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>2/15/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u> </u>
Estimated Production Per 24 Hours	Oil Bbls. <u>3</u> Gas Mcf <u> </u> Water Bbls. <u>150</u> Gas-Oil Ratio <u> </u> Gravity <u>33</u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) <u> </u>	PRODUCTION INTERVAL: <u> </u> <u> </u>
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Form	ACO1 - Well Completion
Operator	Carter, Jim dba J Carter Oil
Well Name	Keil 11
Doc ID	1065862

Tops

Anhydrite Top	766	+997
Anhydrite Base	802	+961
Topeka	2656	-893
Heebner Shale	2883	-1120
Toronto	2900	-1137
Douglas Shale	2915	-1152
LKC	2942	-1179
BKC	3179	-1416
Arbuckle	3185	-1422
RTD	3275	-1512
LTD	3275	-1512

# QUALITY OILWELL CEMENTING, INC.

No. 5085

785-483-2025  
85-324-1041

Home Office P.O. Box 32 Russell, KS 67669

Date	1-13-11	Sec.	S 13	Range	14	County	Russell	State	KS	On Location		Finish	3:30 PM
Case	Keil	Well No.	11	Location	Russell, KS - S to 4 Corners Rd, SW, 13								
Contractor	Royal Drilling Rig	Owner	L. W. S. F. & Rig										
Type Job	Surface	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	12 1/4"	T.D.	776'										
Csg.	8 7/8"	Depth	776'										
Thg. Size		Depth											
Tool		Depth											
Cement Left in Csg.	42.44'	Shoe Joint	42.44'										
Meas Line		Displace	46 3/4 BLS										
		Street											
		City											
		State											
		The above was done to satisfaction and supervision of owner agent or contractor.											
		Cement Amount Ordered	320 SY Common 3% CC 2% Gel										

**EQUIPMENT**

Pumptrk	1	No.	Cementor	None
			Helper	None
Bulktrk	10	No.	Driver	None
			Driver	None
Button	p.u.	No.	Driver	None
			Driver	None

Common 320  
Poz. Mix  
Gel. 6  
Calcium 12

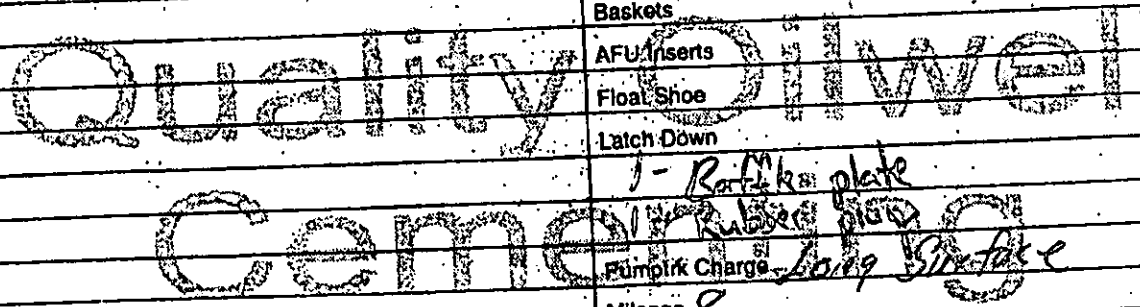
**JOB SERVICES & REMARKS**

Remarks: Cement did Circulate.  
Rat Hole  
Mouse Hole  
Centralizers  
Baskets  
D/V or Port Collar

Hulls  
Salt  
Flowseal  
Kol-Seal  
Mud CLR 48  
CFL-117 or CD110 CAF 38  
Sand

**FLOAT EQUIPMENT**

Guide Shoe  
Centralizer  
Baskets  
AFU Inserts  
Float Shoe  
Latch Down



1- Ratchet plate  
Pumptrk Charge Long Surface  
Mileage 8

Tax  
Discount  
Total Charge

Signature *Donny B...*

# QUALITY OILWELL CEMENTING, INC.

785-483-2025  
85-324-1041

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

No. 4711

Date	1-17-11	Sec.	3	Twp.	15	Range	14	County	Russell	State	KS	On Location		Finish	9:00 p.m.		
Lease	Ke.1	Well No.	11	Location		Lassala 15 1/2 W 2 S 4 E											
Contractor	Royal #1	Owner															
Type Job	Production String	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	7 7/8	T.D.	3275	Charge To													
Csg.	5 1/2 15.50	Depth	3271	To Jimmy Carter													
Tbg. Size		Depth		Street													
Tool		Depth		City													
Cement Left in Csg.	22.26	Shoe Joint	22.26	State													
Meas Line		Displace	7.74	The above was done to satisfaction and supervision of owner agent or contract													
<b>EQUIPMENT</b>														Cement Amount Ordered		2000 lb 10% Salt 5% 6.15 cc	
Pumptrk	5	No.		Cement	TAIG	Seagal mudline 118											
Bulktrk		No.		Helper		Common 200											
Bulktrk	3	No.		Driver	Brandon	Poz. Mix											
Bulktrk		No.		Driver	Simon	Gel.											
<b>JOB SERVICES &amp; REMARKS</b>														Calcium			
Remarks:													Hulls				
Rat Hole	30 SK													Salt		17	
Mouse Hole	15 SK													Flowseal			
Centralizers													Kol-Seal				
Baskets													Mud CLR 48				
DV or Port Collar													CFL-117 or CD110 CAF 38				
5 1/2 5000 3271 - 3271 @ 3248														Sand			
Ramp Seagal mudline 118														Handling			
Rig Release - Release - Cement														Mileage			
Casing with 15.50 - 15.50														<b>FLOAT EQUIPMENT</b>			
Ramp 7 7/8 15.50 - 15.50 @ 15.50														Guide Shoe		1 5 1/2	
Release pressure 15.50														Centralizer		7 Tuck's	
Float Hole														Baskets		1	
														AFU Inserts		1	
														Float Shoe		Release plug	
														Latch Down			
														Pumptrk Charge		Mud Release	
Signature: [Signature]														Mileage		8	
														Tax			
														Discount			
														Total Charge			



## DRILL STEM TEST REPORT

Prepared For: **Carter Jim dba J Carter Oil**

P.O.Box 491  
Russell, Kansas 67665

ATTN: Herb Deines

**5-15s-14w Russell**

**Keil #11**

Start Date: 2011.01.16 @ 07:45:00

End Date: 2011.01.16 @ 00:00:00

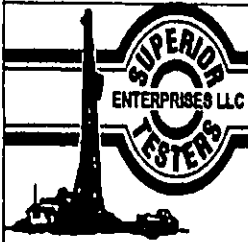
Job Ticket #: 15760                      DST #: 1

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2011.01.17 @ 01:25:45

Carter Jim dba J Carter Oil      Keil #11      5-15s-14w Russell      DST # 1      Arbuckle      2011.01.16





# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Carter Jim dba J Carter Oil

Keil #11

P.O.Box 491  
Russell, Kansas 67665

5-15s-14w Russell

Job Ticket: 15760

DST#: 1

ATTN: Herb Delnes

Test Start: 2011.01.16 @ 07:45:00

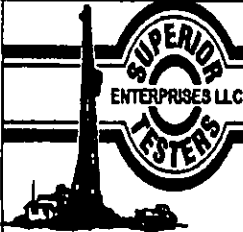
## Tool Information

Drill Pipe:	Length: 3171.00 ft	Diameter: 3.82 inches	Volume: 44.95 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.76 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 48000.00 lb
			Total Volume: 44.95 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3170.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter:	6.75 inches	

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-in Tool	5.00			3155.00	
Hydraulic Tool	5.00			3160.00	
Packer	5.00			3165.00	20.00 Bottom Of Top Packer
Packer	5.00			3170.00	
Perforations	19.00			3189.00	
Recorder	1.00	6666	inside	3190.00	
Recorder	1.00		Outside	3191.00	
Bull Plug	3.00			3194.00	24.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>44.00</b>				





# DRILL STEM TEST REPORT

## FLUID SUMMARY

Carter Jim dba J Carter Oil

Keil #11

P.O.Box 491  
Russell, Kansas 67665

5-15s-14w Russell

Job Ticket: 15760      DST#: 1

ATTN: Herb Daines

Test Start: 2011.01.16 @ 07:45:00

### 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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 5000.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Gas in the pipe	1.701
60.00	Clean Gassy Oil 20%Gas 80% Oil	0.851
0.00	Gravity 37 corrected	0.000
150.00	Oil cut muddy water	2.126
0.00	15%Gas 20%Oil 30%Mud 35%Water	0.000
120.00	Oil cut muddy water	1.701
0.00	20%Gas 20%Oil 10%Mud 50%w ater	0.000
120.00	Oil cut muddy water	1.701
0.00	16%Gas 14%Oil 5%Mud 65%Water	0.000
360.00	Water 2%Mud 98%Water	5.103
0.00	Chlorides 31000 Resistivity .31 @ 46 Deg	0.000

Total Length: 930.00 ft      Total Volume: 13.183 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: ;

*Handwritten notes:*  
16.0  
17.0  
18.0

