



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1227790  
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: \_\_\_\_\_



1227790

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
--	---

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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Empire Energy E&P, LLC
Well Name	Stice 9
Doc ID	1227790

All Electric Logs Run

Gamma-Ray
Comp Neutron
Litho-Densityw PE curve
Hi Res Density
Mico
Phased Induction
Litho Quicklook
Sonic

Form	ACO1 - Well Completion
Operator	Empire Energy E&P, LLC
Well Name	Stice 9
Doc ID	1227790

Tops

Name	Top	Datum
Anhydrite	1353	+590
Topeka	2881	-939
Heebner	3092	-1150
Toronto	3115	-1173
Lansing	3132	-1190
BKC	3353	-1414
Arbuckle	3374	-1432
TD	3457	-1514

\* Well file



**QUALITY OILWELL CEMENTING, INC.**  
PO Box 32 - 740 West Wichita Ave, Russell KS 67685  
Phone: 785-324-1041 fax: 785-483-1087  
Email: cementing@ruraltel.net

Date: 6/28/2014  
Invoice # 351

P.O.#:

Due Date: 7/28/2014

Division: Russell

# Invoice

**Contact:**  
EMPIRE ENERGY  
**Address/Job Location:**  
EMPIRE ENERGY  
PO Box 548  
Great Bend Ks 67530

**Reference:**  
STICE 9

**Description of Work:**  
LONG SURFACE JOB

AFE  
KSR0000309 - 01L31  
JL Hutchings  
7-9-14

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 1,020.55	No				
Common-Class A	480	\$ 8,047.08	Yes				
Bulk Truck Mat-Material Service Charge	508.	\$ 1,131.08	No				
Calcium Chloride	17	\$ 1,057.54	Yes				
Pump Truck Mileage-Job to Nearest Camp	37	\$ 412.70	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	37	\$ 241.50	No				
8 5/8" Centralizer	3	\$ 214.59	Yes				
Premium Gel (Bentonite)	9	\$ 163.76	Yes				
8 5/8" Top Rubber Plug	1	\$ 118.47	Yes				
Baffle Plate Aluminum, 8 5/8"	1	\$ 100.58	Yes				

**Invoice Terms:**

Net 30

SubTotal: \$ 12,507.81

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (1,876.17)

SubTotal for Taxable Items: \$ 8,246.70

SubTotal for Non-Taxable Items: \$ 2,384.94

Total: \$ 10,631.64

Tax: \$ 507.17

Amount Due: \$ 11,138.81

Applied Payments:

Balance Due: \$ 11,138.81

6.15% Rooks County Sales Tax

**Thank You For Your Business!**

Past Due Invoices are subject to a service charge (annual rate of 24%)  
This does not include any applicable taxes unless it is listed.  
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9208  
~~9308~~  
07/02/14  
Richard W. Long

RECEIVED JUL 10 2014

# 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. 351

Date	Sec.	Twp.	Range	County	State	On Location	Finish
6-28-14	27	8	19	Rooks	KS		8:00 AM
Location				Zuech 601 to RR 1/2 E into			

Lease	Well No.	Owner	
Stice	9	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	Type Job	Charge To	
American Eagle #3	Surface	Empire Energy	
Hole Size	T.D.	Street	
12 1/4	1361		
Csg.	Depth	City	
8 5/8	1359	State	
Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
		Cement Amount Ordered 480 com 3/1 cc 2/1 cc	
Cement Left in Csg.	Shoe Joint		
42'	42'		
Meas Line	Displace		
	83 3/4		

EQUIPMENT		
Pumptrk	No.	Cement Helper
20		Crab
Bulktrk	No.	Driver
		Brett
Bulktrk	No.	Driver
21		Chad

Common	480
Poz. Mix	1
Gel.	9
Calcium	17

**JOB SERVICES & REMARKS**

Remarks:

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

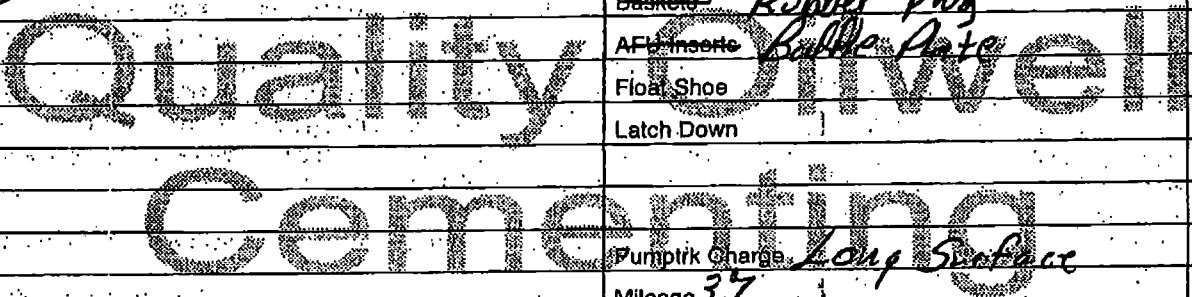
8 5/8 on bottom. Post Circulation  
Mix 480 SK & Displace plug

Handling 506

Mileage

Cement Circulated

FLOAT EQUIPMENT	
Guide Shoe	8 5/8
Centralizer	3
Baskets	Rubber Plug
AFB inserts	Bubble Plate
Float Shoe	
Latch Down	



Pumptrk Charge Long Surface

Mileage 37

X Signature *[Signature]*

Tax

Discount

Total Charge



**QUALITY OILWELL CEMENTING, INC.**

PO Box 32 - 740 West Wichita Ave, Russell KS 67665  
Phone: 785-324-1041 fax: 785-483-1087  
Email: cementing@ruraltel.net

Date: 7/4/2014  
Invoice # 257

P.O.#:

Due Date: 8/3/2014

Division: *Russell*

# Invoice

*AFE*  
*KS20 000309 OIL31*

Contact:  
EMPIRE ENERGY  
Address/Job Location:  
EMPIRE ENERGY  
PO Box 548  
Great Bend Ks 67530

Reference:  
*Stice #9*

Description of Work:  
PLUG JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 1,020.55	Yes				
Common-Class A	162	\$ 2,715.88	Yes				
POZ Mix-Standard	108	\$ 760.45	Yes				
Bulk Truck Matl-Material Service Charge	280	\$ 625.88	Yes				
Pump Truck Mileage-Job to Nearest Camp	37	\$ 412.70	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	37	\$ 241.50	Yes				
Premium Gel (Bentonite)	10	\$ 181.95	Yes				
Flo Seal	67	\$ 149.76	Yes				
Dry Hole Plug	1	\$ 62.59	Yes				

**Invoice Terms:**

Net 30

*Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice:*

SubTotal: \$ 6,171.27

\$ (925.69)

SubTotal for Taxable Items: \$ 5,245.58

SubTotal for Non-Taxable Items: \$ -

Total: \$ 5,245.58

Tax: \$ 322.60

6.15% Rooks County Sales Tax

Amount Due: \$ 5,568.18

Applied Payments:

Balance Due: \$ 5,568.18

**Thank You For Your Business!**

Past Due Invoices are subject to a service charge (annual rate of 24%)

This does not include any applicable taxes unless it is listed.

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*9250*  
*07/11/14*  
*Richard W. Lacey*

*JD Faithing*  
*7-16-14*

E-MAILED JUL 17 2014

RECEIVED JUL 14 2014

# 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. 257

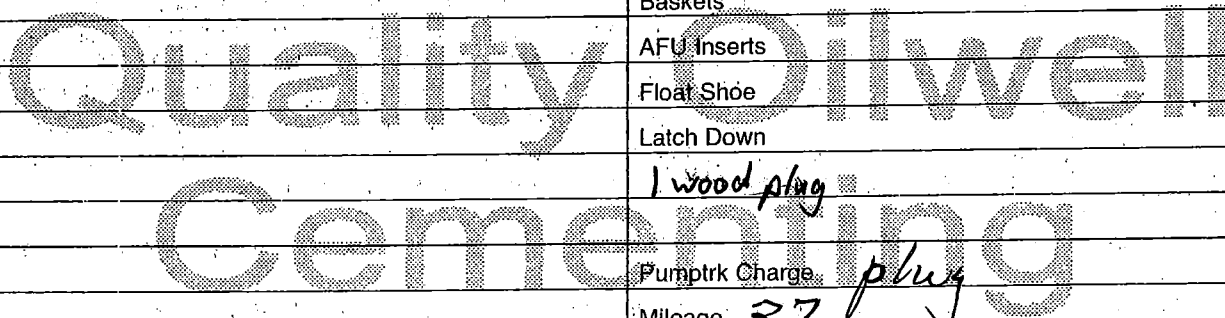
Date <b>7-4-14</b>	Sec. <b>27</b>	Twp. <b>8</b>	Range <b>19</b>	County <b>Rooks</b>	State <b>KS</b>	On Location	Finish <b>7:00 AM</b>
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Location **Zurick N to R Ad 1/2 E, N n 2**

Lease <b>Stice</b>	Well No. <b>9</b>	Owner
Contractor <b>American Eagle</b>	<b>3</b>	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.
Type Job <b>Plug</b>		Charge To <b>Empire Energy</b>
Hole Size <b>7 7/8</b>	T.D.	Street
Csg.	Depth	City State
Tbg. Size	Depth	
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg.	Shoe Joint	Cement Amount Ordered <b>270 sx 60/40, 4% gel, 1/4" Flow</b>

Meas Line	Displace	Common <b>162</b>
<b>EQUIPMENT</b>		Poz. Mix <b>108</b>
Pumptrk <b>5</b>	No. Cementer Helper <b>David</b>	Gel. <b>10</b>
Bulktrk <b>4</b>	No. Driver <b>Ryan</b>	Calcium
Bulktrk <b>PH</b>	No. Driver <b>Travis</b>	

<b>JOB SERVICES &amp; REMARKS</b>		Hulls
Remarks:		Salt
Rat Hole		Flowseal <b>67#</b>
Mouse Hole		Kol-Seal
Centralizers		Mud CLR 48
Baskets		CFL-117 or CD110 CAF 38
D/V or Port Collar		Sand
<b>50 sx at 3350</b>		Handling <b>280</b>
<b>80 sx at 1425</b>		Mileage
<b>100 sx at 763</b>		<b>FLOAT EQUIPMENT</b>
<b>10 sx at 40 with plug</b>		Guide Shoe
<b>30 sx Rat</b>		Centralizer
		Baskets
		AFU Inserts
		Float Shoe
		Latch Down
		<b>1 wood plug</b>
		Pumptrk Charge <b>plug</b>
		Mileage <b>37</b>



X Signature <b>[Signature]</b>	Tax
	Discount
	Total Charge