



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1317332  
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: \_\_\_\_\_

1317332

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
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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# GLOBAL CEMENTING, L.L.C.

REMIT TO 18048 170RD  
RUSSELL, KS 67665

SERVICE POINT: Russell KS

DATE <u>2-25-18</u>	SEC. <u>4</u>	TWP. <u>18</u>	RANGE <u>16</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>4:15 AM</u>
LEASE <u>Crottinger</u>	WELL # <u>2-4</u>	LOCATION <u>OTIS KS 1/2 W 2 S 1 1/2 W</u>			COUNTY <u>RUSH</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (CIRCLE ONE)				N INFO			

CONTRACTOR Royal DRUG Rig #1

TYPE OF JOB Long SURFACE

HOLE SIZE 12 1/4 T.D. 1048

CASING SIZE 8 3/8 New DEPTH 1048

TUBING SIZE 2 3/4 DEPTH

DRILL PIPE DEPTH

TOOL BAFFLE Plate DEPTH 1043'

PRES. MAX. MINIMUM

MEAS. LINE SHOE JOINT 25'

CEMENT LEFT IN CSG. 25'

PERFS

DISPLACEMENT 65 15' / BBL

EQUIPMENT

PUMP TRUCK CEMENTER Glenn G.

# P-2 HELPER Cody H

BULK TRUCK

# B-4 DRIVER Jason M.

BULK TRUCK

# DRIVER

OWNER

CEMENT AMOUNT ORDERED 400 sx Com.

390 cc

2 70 gal

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE

REMARKS:

Ran 24 new JOINTS OF 24" 8 3/8

SET @ 1048 CIRC 30 min

Cement w/ 400 sx Com. 390. Release

TRP. LAND Plug @ 600 # &

Shut IN @ 600 #.

Cement DID CIRCULATE

TO SURFACE THANKS!

CHARGE TO: BLACKSTONE OIL & GAS (KANSAS) LLC.

STREET

CITY STATE ZIP

Global Cementing, L.L.C.,  
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

SIGNATURE George Utley

TOTAL

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

TOTAL

PLUG & FLOAT EQUIPMENT

Solid RUBBER Plug

1- FIBER BARRIER @

1- BASKET @

3- CENTRALIZERS @

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

# GLOBAL CEMENTING, L.L.C.

2546

REMIT TO 18048 I70RD  
RUSSELL, KS 67665

SERVICE POINT:

Russell Ks.

DATE <u>2-27-16</u>	SEC. <u>4</u>	TWP. <u>18</u>	RANGE <u>16</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>CROTINGER</u>	WELL # <u>2-4</u>	LOCATION <u>OTIS KS. 2 W 2 SOUTH</u>				COUNTY <u>RUSH</u>	STATE <u>KANSAS</u>
OLD: OR (NEW) (CIRCLE ONE)							

CONTRACTOR Royal Drill Rig #1 "Doug"  
 TYPE OF JOB Production String  
 HOLE SIZE 7 7/8 ID. 2450'  
 CASING SIZE 4 1/2 New 10.50 DEPTH 2214  
 TRIP SIZE TRI-Plex Shoe @ DEPTH 2214  
 DRILL PIPE DEPTH  
 TOOL LATCH Down BAFTA @ DEPTH 2172'  
 PRES. MAX.  
 MEAS. LINE MINIMUM  
 CEMENT LEFT IN CSG. 42' SHOE JOINT 42'  
 PERFS  
 DISPLACEMENT 34.53 / BBL  
 EQUIPMENT

OWNER  
 CEMENT AMOUNT ORDERED 150 sx Comm 10% salt 28 gal  
200 sx MULTI-DENSITY  
500 GAL MUD-FLUSH

COMMON @  
 POZMIX @  
 GEL @  
 CHLORIDE @  
 ASC @  
 @  
 @  
 @  
 @  
 @  
 @  
 @  
 @  
 @  
 @  
 HANDLING @  
 MILEAGE @

TOTAL \_\_\_\_\_  
 SERVICE  
 DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE @ \_\_\_\_\_  
 MANIFOLD @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

4 1/2 CSG PLUG & FLOAT EQUIPMENT  
 1- TRI-Plex Shoe @  
 1- LATCH Down Plug Assy.  
 6- TURBO-CENT @  
 3- BASKETS @  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

REMARKS:  
Ran 52 New Joints of 10.50# / CSG.  
Set @ 2214 Receive CIRCULATION  
Drop TRI-Plex Brass-Ball OPEN TOOL  
@ 600 # CIRCULATE FOR 1 HR.  
Pump Flush Cement w/ 200 SX & 150 SX  
Clear Line Release Plug, Displace & Land Plug  
@ 1400 # (LIFT # 600 #). Release & Hold  
Cement did circulate to surface.  
30SX @ Rat Hole  
15SX @ mouse Hole  
 THANKS!

CHARGE TO: Blackstone Oil & Gas (Kansas) LLC.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

(PUT APPROX. 25 SX CEMENT INTO P.I.T.)  
 Global Cementing, L.L.C.  
 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 \_\_\_\_\_  
 SIGNATURE Em Rodolovic

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_  
 IF PAID IN 30 DAYS