



KANSAS CORPORATION COMMISSION 1062036  
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 # 33905  
Name: Royal Drilling Inc  
Address 1: 719 WITT AVE  
Address 2: PO BOX 342  
City: RUSSELL State: KS Zip: 67665 +  
Contact Person: John L Driscoll  
Phone: ( 785 ) 483-6446  
CONTRACTOR: License # 33905  
Name: Royal Drilling Inc  
Wellsite Geologist: James C. Musgrove  
Purchaser: Coffeyville Resources

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>03/08/2010</u>	<u>03/13/2010</u>	<u>05/10/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-167-23619-00-00

Spot Description: \_\_\_\_\_

SE SE SE SE Sec. 30 Twp. 14 S. R. 12  East  West  
165 Feet from  North /  South Line of Section  
125 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Russell

Lease Name: Smoky Hill Unit Well #: 36

Field Name: Hall-Gurney

Producing Formation: Kansas City

Elevation: Ground: 1661 Kelly Bushing: 1668

Total Depth: 3216 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 628 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: 42000 ppm Fluid volume: 400 bbls

Dewatering method used: Evaporated

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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Garrisor Date: 08/25/2011



1062036

Operator Name: Royal Drilling Inc Lease Name: Smoky Hill Unit Well #: 36  
 Sec. 30 Twp. 14 S. R. 12  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 type="checkbox"/> Yes <input checked="" 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:  R/G	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>614</td> <td>+1054</td> </tr> <tr> <td>Heebner</td> <td>2737</td> <td>-1069</td> </tr> <tr> <td>Lansing</td> <td>2818</td> <td>-1150</td> </tr> <tr> <td>Arbuckle</td> <td>3131</td> <td>-1463</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	614	+1054	Heebner	2737	-1069	Lansing	2818	-1150	Arbuckle	3131	-1463
Name	Top	Datum														
Anhydrite	614	+1054														
Heebner	2737	-1069														
Lansing	2818	-1150														
Arbuckle	3131	-1463														

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	12.250	8.6250	23	620	Common	350	3% CC, 2% Gel
Production	7.8750	5.50	15.50	3206	60/40 Commor	300	6% Gel, 10% Salt, 2% Ge

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing	-			
<input type="checkbox"/> Plug Back TD	-			
<input type="checkbox"/> Plug Off Zone	-			

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
2	2845-2850		
2	2854-2859		

TUBING RECORD: Size: <u>2.50</u> Set At: <u>3100</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>05/25/2010</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____	
Estimated Production Per 24 Hours	Oil Bbbs. <u>20</u>	Gas Mcf _____	Water Bbbs. <u>100</u> 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 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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
---	---	--

# ALLIED CEMENTING CO., LLC. 33877

REMIT TO: P.O. BOX 31  
 RUSSELL, KANSAS 67665

SERVICE POINT:  
Russell KS

DATE <u>3-13-10</u>	SEC. <u>30</u>	TWP. <u>14</u>	RANGE <u>12</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30 am</u>	JOB FINISH <u>4:15 am</u>
LOCATION <u>Bunker Hill KS South to Dead</u>				COUNTY <u>Russell</u>		STATE <u>KS</u>	
Q.E.D. CORING (Circle one) <u>End 1 East 1/2 North</u>							

CONTRACTOR Pump Drilling Rig #7  
 PRODUCTION STRING  
 HOSE SIZE 7 1/2 T.D.  
 CEMENT SIZE 5 1/2 15.5# DEPTH 3205.83  
 TRINDG SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 FEED MAX MINIMUM  
 MEAS LINE SHOE JOINT 17.97'  
 CEMENT LEFT IN CSG. 17.97'  
 EQUIPMENT Insert 10 3822# 75.87 Bbl

OWNER  
 CEMENT  
 AMOUNT ORDERED 150 @ 40 6 1/2 Gal  
150 @ 10 1/2 Salt 2 1/2 Gal  
 COMMON \_\_\_\_\_ @  
 POZMIX \_\_\_\_\_ @  
 GEL \_\_\_\_\_ @  
 CHLORIDE \_\_\_\_\_ @  
 ASC \_\_\_\_\_ @

HANDLING \_\_\_\_\_ @  
 MILEAGE \_\_\_\_\_ @  
 TOTAL \_\_\_\_\_

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

PUMP TRUCK CEMENTER John Roberts  
 # 378 HELPER Glenn  
 BULK TRUCK DRIVER Alvin  
 # 2112  
 BULK TRUCK DRIVER

REMARKS:  
Run 17.97' 5 1/2 15.5# casing 3205.83  
Estimated 3182 #/ Est. Circulation  
and Circulate 30 min on bottom Plug  
and Note w/ 300# of Mouse hole 15 gal cement  
Plug and Note w/ 300# tail cement  
and plug w/ 300# Bbl H<sub>2</sub>O.  
Plug @ 15 min.  
Plug did not hold Shut in @ 500 psi.

CHARGE TO: Starr  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

Allied Cementing Co., LLC.  
 We are hereby requesting that cementing equipment

5 1/2 PLUG & FLOAT EQUIPMENT  
Guide shoe \_\_\_\_\_ @  
Insert \_\_\_\_\_ @  
4-Centralizers \_\_\_\_\_ @  
2-Cement Buckets \_\_\_\_\_ @

# ALLIED CEMENTING CO., LLC. 33846

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Russell KS

DATE <u>9-9-10</u>	SEC. <u>30</u>	TWP. <u>14</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30am</u>	JOB FINISH <u>3:00pm</u>
WELL <u>26</u>			LOCATION <u>Bunker Hill, KS South to</u>	COUNTY <u>Russell</u>		STATE <u>KS</u>	
CONTRACTOR <u>Boyal Drilling Rig #2</u>			LOCATION <u>Dist. End 1 East 1/2 North</u>				

CONTRACTOR Boyal Drilling Rig #2

SIZE 1 1/2" TD 420'

CEMENT SIZE 3 1/2" DEPTH 420'

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX. MINIMUM

MEAS. LINE SICE JOINT

CEMENT LEFT IN CSE 15

DISPLACEMENT 38.50 Bbl

OWNER

CEMENT

AMOUNT ORDERED 350 Com 3% cc 2% Gel

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

**EQUIPMENT**

PUMP TRUCK CEMENTER John Roberts

HELPER Matt

BULK TRUCK DRIVER Tom

BULK TRUCK DRIVER

**REMARKS:**

350 Circulation

350 sk Cement

Displace w/ 38.5 Bbl H<sub>2</sub>O

Cement Did Circulate!

CHARGE TO: Star

STREET

CITY STATE ZIP

TOTAL

**SERVICE**

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

TOTAL

**PLUG & FLOAT EQUIPMENT**

8 1/2 Rubber Plug @

@

@

@