



KANSAS CORPORATION COMMISSION 1075193  
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 # \_\_\_\_\_

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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1075193

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  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
_____ 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 <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
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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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Royal Drilling Inc
Well Name	Unrein-Staab Unit 1
Doc ID	1075193

Tops

Name	Top	Datum
Anhydrite	1415	+755
Base Anhydrite	1455	-715
Topeka	3150	-980
Heebner	3408	-1238
Toronto	3431	-1261
Lansing	3451	-1281
Base Kansas City	3692	-1522
Arbucke	3705	-1535

# ALLIED OIL & GAS SERVICES, LLC 056903

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell

DATE <u>2-15-12</u>	SEC <u>13</u>	TWP <u>13</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>1:30</u>	JOB FINISH <u>1:30</u>
UNRECORDED LEASE	WELL # <u>unit 1</u>	LOCATION <u>Hays Eto Commerce PLUG</u>			COUNTY <u>Edwards</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>3N</u>					

CONTRACTOR Royal Drilling #1

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 1413

CASING SIZE 8 5/8 DEPTH 1413

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 42

CEMENT LEFT IN CSG. 42 ft

PERFS.

DISPLACEMENT 87 bbl

OWNER

CEMENT AMOUNT ORDERED 500 sacks 340 CC, 290 (net)

COMMON	<u>500</u>	@	<u>16.25</u>	<u>8125.00</u>
POZMIX		@		
GEL	<u>10</u>	@	<u>21.25</u>	<u>212.50</u>
CHLORIDE	<u>18</u>	@	<u>58.20</u>	<u>1047.60</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>538</u>	@	<u>2.25</u>	<u>1210.50</u>
MILEAGE	<u>275 x RT x .11</u>			<u>1568.16</u>
TOTAL				<u>11,483.21</u>

REMARKS:

In well back plate first joint  
circulated mud 500 lbs of class A  
cement 3% cc. 200 gal. stopped returned plug  
Displaced 87 bbls (included plug & 1100 lbs)  
Cement circulated to surface

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>1925.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>MEHV 27</u>	@	<u>7.00</u>	<u>189.00</u>
MANIFOLD	<u>MILV 27</u>	@	<u>4.40</u>	<u>118.80</u>
		@		
TOTAL				<u>2,232.80</u>

CHARGE TO: Royal Drilling Inc

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

<u>1/2" top rubber plug</u>	@	<u>112.00</u>	<u>79.00</u>
<u>Back plate</u>	@		<u>84.00</u>
	@		
	@		

# ALLIED CEMENTING CO., LLC. 034592

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Russell

DATE <u>2-20-12</u>	SEC. <u>13</u>	TWP. <u>13</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION <u>1000 am</u>	JOB START <u>1:30 pm</u>	JOB FINISH <u>2:30 pm</u>
LEASE <u>Unrem-stab</u>	WELL # <u>1</u>	LOCATION <u>Hays Exit-Kel 3W</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)				<u>E side</u>			

CONTRACTOR Royal Drilling Rig #1  
 TYPE OF JOB Production  
 HOLE SIZE 7 1/8 T.D. 3782'  
 CASING SIZE 5 1/2 DEPTH 3782  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 13.23  
 CEMENT LEFT IN CSG. 13.23  
 PERFS:  
 DISPLACEMENT

OWNER Same  
 CEMENT  
 AMOUNT ORDERED 150 SKS 69/40 49 gel  
141 H 5/16 - 5/8" 150 SKS Comm  
109 salt 29 gel

COMMON	<u>240 SKS @</u>	<u>16.25</u>	<u>3900.00</u>
POZMIX	<u>60 SKS @</u>	<u>8.50</u>	<u>510.00</u>
GEL	<u>8 SKS @</u>	<u>21.25</u>	<u>170.00</u>
CHLORIDE	@		
ASC	@		
	@		
<u>Fluorid 58"</u>	@	<u>2.70</u>	<u>102.60</u>
	@		
	@		
	@		
	@		
	@		
HANDLING	<u>326 SKS @</u>	<u>2.25</u>	<u>733.50</u>
MILEAGE	<u>110 SK/mile</u>		<u>968.22</u>
			TOTAL <u>6384.32</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER LoRen  
 # 417 HELPER Woody  
 BULK TRUCK  
 # 428/187 DRIVER Robert  
 BULK TRUCK  
 # 481/292 DRIVER Ron

**REMARKS:**

Mix 150 SKS 69/40 49 gel 145 lb  
Mix 150 SKS comm 109 salt 29 gel  
Displace with water.  
Land played = float held

Thank you

CHARGE TO: Royal Drilling Inc  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB	<u>3782'</u>		
PUMP TRUCK CHARGE			<u>2225.00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>27 @</u>	<u>7.00</u>	<u>189.00</u>
MANIFOLD	<u>head @</u>		<u>200.00</u>
	<u>L.U. mileage 27 @</u>	<u>4.00</u>	<u>108.00</u>
	@		
			TOTAL <u>2722.00</u>

**5 1/2" PLUG & FLOAT EQUIPMENT**

(1) Guide shoe	@	<u>240.00</u>
(1) Data insert	@	<u>186.00</u>
(1) Top rubber plug	@	<u>73.00</u>
(3) Centralizers	@	<u>49.00 147.00</u>

To Allied Cementing Co., LLC.