



KANSAS CORPORATION COMMISSION 1081392
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 Driscoll
Phone: (785) 483-9580
CONTRACTOR: License # 33905
Name: Royal Drilling Inc
Wellsite Geologist: Jim Musgrove

Purchaser:
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Corr., 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 #:

4/30/2012	5/5/2012	06/15/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-25577-00-00
Spot Description:
SW NE SE SE Sec. 10 Twp. 16 S R. 15 East West
700 Feet from North / South Line of Section
500 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: Scheuerman Well #: 5
Field Name:
Producing Formation: Lansing
Elevation: Ground: 1975 Kelly Bushing: 1980
Total Depth: 3550 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 1005 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: 88000 ppm Fluid volume: 600 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: NAOMI JAMES Date: 10/02/2012



1081392

Operator Name: Royal Drilling Inc Lease Name: Scheuerman Well #: 5
 Sec. 10 Twp. 16 S. R. 15 East West County: Barton

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Attached	Top Datum Attached
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 <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			
RAG w/ DIL, CDL/CNL & MEL			

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	1005	Common	400	3% CC, 2% Gel.
Production	7.875	5.5	15.5	3536	Common	300	

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
4	3374-79	Acid 250 gal 15%	
4	3390-94	Acid 250 gal 15%	

TUBING RECORD:	Size: <u>2.625</u>	Set At: <u>3450</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>07/24/2012</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 Bbls. <u>10</u>	Gas Mcf	Water Bbls. <u>10</u>	Gas-Oil Ratio

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) (Submit ACO-4)</i>	PRODUCTION INTERVAL: _____
<input type="checkbox"/> Other <i>(Specify)</i>		

Form	ACO1 - Well Completion
Operator	Royal Drilling Inc
Well Name	Scheuerman 5
Doc ID	1081392

Tops

Name	Top	Rel
Anhydrite	991	+989
Base Anhydrite	1028	+952
Heebner	3151	-1171
Toronto	3168	-1188
Lansing	3211	-1231
Base Kansas City	3438	-1458
Conglomerate	3451	-1471
Arbuckle	3471	-1491

ALLIED CEMENTING CO., LLC. 034477

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

SERVICE POINT:

Cottleville, KS

DATE <u>5-5-12</u>	SEC. <u>10</u>	TWP. <u>16</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION <u>4:00 PM</u>	JOB START <u>7:00 PM</u>	JOB FINISH <u>5:00 PM</u>
LEASE <u>Schaeferman</u>		WELL # <u>5</u>	LOCATION <u>Catalina 3rd well</u>		COUNTY <u>Dearborn</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR <u>Royal Drilling Co.</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Production</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>3550'</u>
CASING SIZE <u>5 1/2</u>	DEPTH <u>3536.27'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>20.5'</u>
CEMENT LEFT IN CCG <u>20.5'</u>	
PERFS:	
DISPLACEMENT <u>9367 bbl</u>	

CEMENT
AMOUNT ORDERED 2 bags Super Flash
16.25 sacks Colgate 120 gal 14.5% to road
15.5 sacks Com 10% salt

COMMON	<u>246 5/8"</u>	@	<u>46.25</u>	<u>2927.50</u>
POZMIX	<u>67 5/8"</u>	@	<u>8.50</u>	<u>599.00</u>
GEL	<u>6 5/8"</u>	@	<u>21.25</u>	<u>137.50</u>
CHLORIDE		@		
ASC		@		
	<u>50 1/4"</u>	@	<u>23.95</u>	<u>335.30</u>
	<u>10 1/4"</u>	@	<u>2.70</u>	<u>163.00</u>
		@		
		@		
		@		
HANDLING	<u>231.2</u>	@	<u>2.10</u>	<u>1,46.57</u>
MILEAGE	<u>14.25</u>	@	<u>2.35</u>	<u>1,83.85</u>
TOTAL				<u>6,472.72</u>

EQUIPMENT

PUMP TRUCK # 4/31 CEMENTER Loke HELPER Dave

BULK TRUCK # 373/308 DRIVER Adam

BULK TRUCK # _____ DRIVER _____

REMARKS:

Mix 50 gal Super Flash
plug mouse hole 10 1/4"
plug rat hole 15 1/4"
Mix 135 1/4" 60/100 sand down casing
Mix 135 1/4" Com down casing
Displace with water
Hand filling of float hold
float

CHARGE TO: Royal Drilling Co.

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>3536.27'</u>		
PUMP TRUCK CHARGE			<u>2225.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>20</u>	@	<u>7.00</u>
MAN FOLD	<u>4000</u>	@	<u>200.00</u>
50 mileage	<u>20</u>	@	<u>4.00</u>
TOTAL <u>2,695.00</u>			

PLUG & FLOAT EQUIPMENT

Guide shoe	@	<u>240.00</u>
float cement	@	<u>200.00</u>
super fine plug	@	<u>720.00</u>
50 mileage	@	<u>49.00</u>
TOTAL <u>1,470.00</u>		

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment