



KANSAS CORPORATION COMMISSION 1050220  
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 # 5386  
Name: Production Drilling, Inc.  
Address 1: 1023 RESERVATION RD  
Address 2: \_\_\_\_\_  
City: HAYS State: KS Zip: 67601 + 3982  
Contact Person: Aven Weaverling  
Phone: ( 785 ) 625-1189  
CONTRACTOR: License # 5386  
Name: Production Drilling, Inc.  
Wellsite Geologist: Cliff Ottaway  
Purchaser: Coffeville 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>01/03/2011</u>	<u>01/08/2011</u>	<u>01/28/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-163-23913-00-00

Spot Description: 45' S OF

N2\_S2\_SE\_NE Sec. 33 Twp. 8 S. R. 19  East  West  
2,025 Feet from  North /  South Line of Section  
660 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Rooks

Lease Name: KAY Well #: 1

Field Name: Webster

Producing Formation: Arb

Elevation: Ground: 1994 Kelly Bushing: 2002

Total Depth: 3487 Plug Back Total Depth: 3475

Amount of Surface Pipe Set and Cemented at: 224 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 1424 Feet

If Alternate II completion, cement circulated from: 1424

feet depth to: 0 w/ 185 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 16000 ppm Fluid volume: 240 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 Gantson Date: 02/04/2011



1050220

Operator Name: Production Drilling, Inc. Lease Name: KAY Well #: 1  
 Sec. 33 Twp. 8 S. R. 19  East  West County: Rooks

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	Datum
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	TOPEKA	1412
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	HEEBNER	2946
List All E. Logs Run:		TORONTO	-944
Dual Induction Radiation Guard		L-KC	-1178
		ARBUCKLE	3194
			-1194
			3434
			-1434

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 PIPE	12.25	8.625	23	224	COMM	150	3% CC
CASING	7.875	5.5	15.5	3483	COMM	120	10% salt

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-1424	QMD	185	1/4# flo-cele

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	3436-3440	none	

TUBING RECORD:		Size: <u>2 7/8</u>	Set At: <u>3461</u>	Packer At: _____	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>01/29/2011</u>			Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	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 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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# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4473

Date <b>12-15-10</b>	Sec. <b>33</b>	Twp. <b>8</b>	Range <b>19</b>	County <b>Rooks</b>	State <b>KS</b>	On Location	Finish <b>4:00pm</b>
Lease <b>Kay</b>		Well No. <b>2</b>		Location <b>Zurich N 5 3/4 W into</b>			
Contractor <b>Discovery #2</b>				Owner			
Type Job <b>Surface</b>				To Quality Oilwell Cementing, Inc.			
Hole Size <b>12 1/4</b>				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Csg. <b>8 5/8 231b</b>		T.D. <b>224'</b>		Charge To <b>Production Drilling</b>			
Tbg. Size		Depth <b>22352'</b>		Street			
Tool		Depth		City		State	
Cement Left in Csg. <b>10-15'</b>		Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor			
Meas Line		Displace <b>13.26 bbls</b>		Cement Amount Ordered <b>150 com 39cc 290 gel</b>			

**EQUIPMENT**

Pumptrk <b>5</b>	No.	Cementer Helper <b>Brandon</b>	Common <b>150</b>
Bulktrk <b>8</b>	No.	Driver <b>Crisco</b>	Poz. Mix
Bulktrk	No.	Driver	Gel. <b>3</b>

**JOB SERVICES & REMARKS**

Remarks:	Calcium <b>5</b>
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
<b>Cement did Crisco</b>	CFL-117 or CD110 CAF 38
	Sand
	Handling <b>158</b>
	Mileage

**FLOAT EQUIPMENT**

<b>Thank You!</b>	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	Pumptrk Charge <b>Surface</b>
	Mileage <b>36</b>

	Tax	
	Discount	
X Signature	Total Charge	

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4681

Date		Sec.	Twp.	Range	County	State	On Location	Finish
1-8-11		33	8	19	Rooks	Kansas		11:22pm
Lease Ray		Well No. 1		Location Zurich SW 1/4				
Contractor Discovery Drilling Rig 1					Owner			
Type Job Longstring					To Quality Oilwell Cementing, Inc.			
Hole Size 7 7/8					You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Csg. 5 1/2 15.50lb		T.D. 3487		Charge To Production Drilling				
Tbg. Size		Depth 3486		Street				
Tool Port Collar #50b		Depth		City State				
Cement Left in Csg. 40		Shoe Joint 40'		The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line		Displace 82 Bbl		Cement Amount Ordered 150 Common 100 Salt				
<b>EQUIPMENT</b>					# Gravelite 500 gal Mud Clear - 48 STBI KCL			
Pumptrk 9	No.	Cementer			Common 150			
		Helper	Steve					
Bulktrk 8	No.	Driver	C. Sca		Poz. Mix			
		Driver						
Bulktrk	No.	Driver	C. Sca		Gel.			
		Driver						
<b>JOB SERVICES &amp; REMARKS</b>					Calcium			
Remarks:					<del>Hub</del> Kol-Seal 750#			
Rat Hole					Salt 13			
Mouse Hole					Flowseal			
Centralizers					<del>Kol-Seal</del> KCL - 1 gal			
Baskets					Mud CLR 48 500 gal			
DV or Port Collar					CFL-117 or CD110 CAF 38			
30x Rat Hole					Sand			
					Handling 103			
					Mileage			
<b>FLOAT EQUIPMENT</b>								
Land plug @ 200psi					Guide Shoe			
					Centralizer 7			
					Baskets 3			
Float Head					AFU Inserts			
					Float Shoe 1			
					Latch Down 1			
					Port Collar			
					Pumptrk Charge prod Long String			
					Mileage 36			
X Signature <i>Ann Weaning</i>					Tax			
					Discount			
					Total Charge			

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4711

Date <u>1-14-10</u>	Sec.	Twp.	Range	County <u>Reed KS</u>	State <u>KS</u>	On Location	Finish <u>2:00pm</u>
Lease <u>Kay</u>	Well No. /		Location <u>Zurch 5/20 Winto</u>				
Contractor <u>Co Tools</u>				Owner			
Type Job <u>Part Collar</u>				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.			
Hole Size <u>7 7/8</u>	T.D.			Charge To <u>Production Drilling</u>			
Csg. <u>5 1/2</u>	Depth			Street			
Tbg. Size <u>2 7/8</u>	Depth			City State			
Tool <u>Quality Tool</u>	Depth <u>1421</u>			The above was done to satisfaction and supervision of owner agent or contractor			
Cement Left in Csg.	Shoe Joint			Cement Amount Ordered <u>200 Qm/c 1/4 #10</u>			
Meas Line	Displace			EQUIPMENT <u>USED 185 SK</u>			
Pumptrk <u>1</u>	No.	Cement	Common <u>185</u>				
		Helper					
Bulktrk	No.	Driver <u>Wade</u>	Poz. Mix				
		Driver					
Bulktrk <u>10</u>	No.	Driver <u>Brian</u>	Gel.				
		Driver					
<b>JOB SERVICES &amp; REMARKS</b>				Calcium			
Remarks:				Hulls			
Rat Hole				Salt			
Mouse Hole				Flowseal <u>50#</u>			
Centralizers				Kol-Seal			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
<u>Part Collar @ 1421 Test to 1000#</u>				Sand			
<u>Open Tool &amp; Est. Circulation - Mix</u>				Handling <u>200</u>			
<u>185 sic &amp; Displace - Cement Circulate</u>				Mileage			
<u>Close Tool Run 8 joints &amp; break out</u>				<b>FLOAT EQUIPMENT</b>			
				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				Pumptrk Charge <u>part collar</u>			
				Mileage <u>36</u>			
				Tax			
				Discount			
				Total Charge			
X Signature <u>Alan Winkler</u>							