

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 6246
Name: Bennett & Schulte Oil Company
Address 1: P.O. Box 329
Address 2: _____
City: Russell State: KS Zip: 67665 + _____
Contact Person: Frank Schulte
Phone: (785) 483-2721
CONTRACTOR: License # 33905
Name: Royal Drilling, Inc.
Wellsite Geologist: Frank Schulte
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 (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 #: _____

11/3/2010 11/8/2010 4/20/10
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 051-26054-00-00

Spot Description: _____

SE NW NE SE Sec. 14 Twp. 13 S. R. 16 East West
3,070 Feet from North / South Line of Section
787 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Ellis

Lease Name: Dortland Well #: 14-1

Field Name: N/A

Producing Formation: _____

Elevation: Ground: 1950' Kelly Bushing: 1957'

Total Depth: 3560 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 229 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 980

feet depth to: 0 w/ 145 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 52,000 ppm Fluid volume: 1,000 bbls

Dewatering method used: Allow to dry and backfill

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Frank R. Schulte
Title: Geologist Date: 5/12/2011

KCC Office Use ONLY

Letter of Confidentiality Received

Date: _____ **RECEIVED**

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: Dg **MAY 16 2011**
5/20/11
KCC WICHITA

Operator Name: Bennett & Schulte Oil Company Lease Name: Dortland Well #: 14-1
 Sec. 14 Twp. 13 S. R. 16 East West County: Ellis

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 checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: <u>Radiation Guard Log</u> <u>Microresistivity Log</u> <u>Sonic Cement Bond</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input 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>1041</td> <td>+916</td> </tr> <tr> <td>Topeka</td> <td>2866</td> <td>-909</td> </tr> <tr> <td>Heebner</td> <td>3095</td> <td>-1138</td> </tr> <tr> <td>Lansing</td> <td>3135</td> <td>-1178</td> </tr> <tr> <td>Arbuckle</td> <td>3418</td> <td>-1461</td> </tr> <tr> <td>RTD</td> <td>3560</td> <td>-1603</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	1041	+916	Topeka	2866	-909	Heebner	3095	-1138	Lansing	3135	-1178	Arbuckle	3418	-1461	RTD	3560	-1603
Name	Top	Datum																				
Anhydrite	1041	+916																				
Topeka	2866	-909																				
Heebner	3095	-1138																				
Lansing	3135	-1178																				
Arbuckle	3418	-1461																				
RTD	3560	-1603																				

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	12-1/4"	8-5/8"	20	229.75'	COMMON	150	3%cc; 2% gel
Production	7-7/8"	5-1/2"	14	3536'	COMMON	200	10% Salt; 5% Gilsomite

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 PLUG	PLUG	60/40 Poz	320	4% gel; 500# Hulls

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	3161-3165	1000 gal 15% HCL	3161-65
4 SPF	3225-3227	500 gal 15% HCL	3225-27

TUBING RECORD:	Size: <u>NONE</u>	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. NON-COMMERCIAL	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
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Estimated Production Per 24 Hours	Oil Bbls. <u>0</u>	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 checked="" type="checkbox"/> Other (Specify) <u>Plugged</u>	PRODUCTION INTERVAL: <u>None</u>
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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. 4568

Date	11-4-10	Sec.	14	Twp.	13	Range	16	County	Ellis	State	KS	On Location		Finish	1:45 AM	
Lease	Dortland			Well No.	14-1			Location	Gorkam 1W 4N 1W 1/2 S W. into							
Contractor	Royal #2							Owner	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.							
Type Job	Surface							Hole Size	12 1/4		T.D.	229'				
Csg.	8 5/8 2015			Depth	229.75'			Charge To	Bennett & Schulte							
Tbg. Size								Depth								
Tool								Depth								
Cement Left in Csg.	10-15'			Shoe Joint								The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line								Displace	14 bbls			Cement Amount Ordered	1500m 390cc 290501			

EQUIPMENT

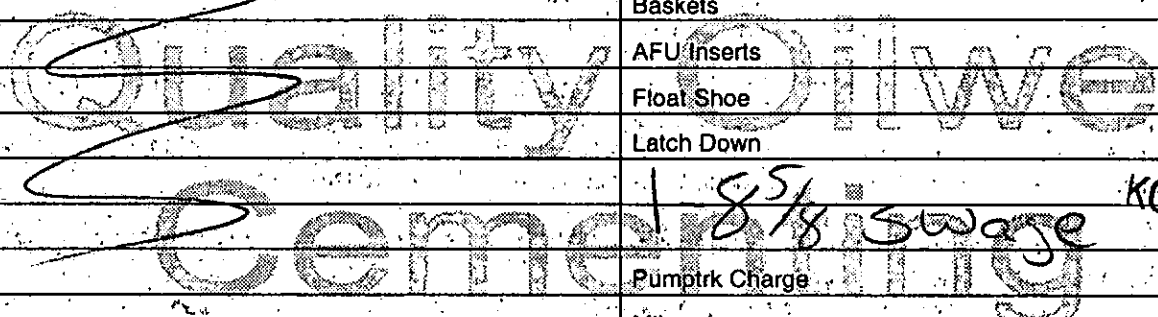
Pumptrk	9	No.	Cementer	Brandon	Helper	Common
Bulktrk	8	No.	Driver	Paul	Driver	Poz. Mix
Bulktrk	14	No.	Driver	Corey	Driver	Gel.

JOB SERVICES & REMARKS

Remarks:	Calcium
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
	CFL-117 or CD110 CAF 38

Cement did Circ'd

Thank You



Sand	
Handling	
Mileage	
FLOAT EQUIPMENT	
Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	1 8 5/8 swage
Mileage	

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X Signature	Blouy B...	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. 4372

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-8-10	14	13	10	Ellis	Kansas		
Lease <i>Dickland</i>	Well No. <i>14-1</i>		Location <i>Section 16 W 4 N 16 S 5</i>				
Contractor <i>Repeat Drilling</i>	<i>PS-7</i>		Owner				
Type Job <i>Logging</i>	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 <i>5 7/8</i>	T.D. <i>3560</i>		Charge To <i>Bennett & Schutte</i>				
Csg. <i>5 1/2 140</i>	Depth <i>3536</i>		Street				
Tbg. Size	Depth		City				
Tool Port Collar #58	Depth		State				
Cement Left in Csg. <i>62</i>	Shoe Joint <i>42'</i>		The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line	Displace <i>85 3/4 BL</i>		Cement Amount Ordered <i>200 Can 100 5/8</i>				
EQUIPMENT							
Pumptrk <i>5</i>	No.	Cementor	<i>50 Grits 500 Gal 2 Med Deal 48</i>				
		Helper	Common				
Bulktrk <i>8</i>	No.	Driver	Poz. Mix				
		Driver	Gel.				
Bulktrk	No.	Driver	Calcium				
		Driver	Hulls				
JOB SERVICES & REMARKS							
Remarks:	Salt						
Rat Hole <i>30x</i>	Flowseal						
Mouse Hole <i>20x</i>	Kol-Seal						
Centralizers	Mud CLR 48						
Baskets	CFL-117 or CD110 CAF 38						
D/V or Port Collar	Sand						
<i>30x Rat Hole</i>	Handling						
<i>20x Mouse Hole</i>	Mileage						
FLOAT EQUIPMENT							
	Guide Shoe <i>1</i>						
	Centralizer <i>4 Turbos 1 Regular</i>						
	Baskets <i>1</i>						
	AFU Inserts <i>1</i>						
	Float Shoe						
	Latch Down						
	Pumptrk Charge						
	Mileage						
QUALITY OILWELL CEMENTING							
							RECEIVED
							MAY 18 2011
							KCC WICHITA
							Tax
							Discount
							Total Charge
Signature <i>Doug Bueg</i>							

QUALITY OILWELL CEMENTING, INC.

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

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

No. 5044

Date	4-20-11	Sec.		Range		County	EVLS	State	KS	On Location		Finish	6:30p.m.
Lease	Dortlan	Well No.	14-1	Location	Corham - Water Tower								
Contractor	J & M			Owner									
Type Job	P.T.A			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	7 7/8	T.D.											
Csg.	5 1/2	Depth											
Tbg. Size		Depth											
Tool		Depth											
Cement Left in Csg.		Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.										
Meas Line		Displace	Cement Amount Ordered 30 ⁶⁰ / 40 4 1/2 bbls										

EQUIPMENT

Pumptrk	5	No.	Cement Helper	Ca's	Common	192
Bulktrk		No.	Driver	Branon	Poz. Mix	130
Bulktrk	4	No.	Driver	Keale	Gel.	11

JOB SERVICES & REMARKS

Remarks:	Calcium
Rat Hole	Hulls 400#
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
1st 1700' 125.5K 300# Hulls	CFL-117 or CD110 CAF 38
2nd 1025' 40.5K 100# Hulls	Sand
3rd 575' 20.5K 100# Hulls	Handling 331
980' Circ Cement w 11.5K	Mileage

FLOAT EQUIPMENT

Top off 8 5/8 10.5K	Guide Shoe
	Centralizer
	Baskets
	AFU/Inserts
	Float Shoe
	Latch Down

Signature _____

Pumptrk Charge plug

Mileage 14

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Discount
Total Charge KGC WICHITA

GEOLOGICAL REPORT

**Dortland #14-1
SE NW NE SE
3070' North Line & 787' East Line
Section 14, Township 13S, Range 16W
Ellis County, Kansas**

November 11, 2010

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GEOLOGICAL REPORT: Dortmund #14-1
SE NW NE SE
3070' North Line & 787' East Line
14-13S-16W Ellis County, Kansas

CONTRACTOR: Royal Drilling, Inc.
Russell, Kansas 67665

DRILLING COMMENCED: November 3, 2010

DRILLING COMPLETED: November 8, 2010

CASING RECORD: 8-5/8" set at 229'

DRILLING TIME: By Geolograph
1' Intervals from 2700' to RTD

SAMPLES: 10' intervals from 2800' to 3560 RTD

DRILL STEM TEST: None

LOGS: Radiation Guard
Microresistivity

ELEVATION: Central Kansas Oilfield Services, Inc.
Great Bend, Kansas
1950 Ground
1957 Kelly Bushing
Measurements from KB

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DORTLAND #14-1

FORMATION TOPS

FORMATION	LOG TOPS	MINUS DATUM
Anhydrite	1041	+916
Topeka	2866	-909
Heebner	3095	-1138
Lansing	3135	-1178
Arbuckle	3418	-1461
Total Depth (Log)	3560	-1603

Lithology: Zones of Interest

NOTE: All sample descriptions have been corrected to log measurements:

Topeka 2866-2874 LS: Wht; Fine xtal & dense; No free oil or odor.

Lansing
3135-3142 LS: Wht; Trace Lt. Brown Stain. No free oil but faint odor.

3160-3165 LS: Wht; Trace poor foss porosity; very slight show free oil, very faint odor.


3224-3234 LS: Tan to White; fair oocastic porosity. Show free oil & faint odor.

Arbuckle 3418-3428 DOL: White; Pink; Fine xtal; Dense; Abundant Blk Stain; no free oil with very faint odor.

Rotary Total Depth 3560 (-1610)

Log Total Depth 3560 (-1610)

Respectfully Submitted:


Frank R. Schulte
Geologist

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