KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Operator: License # _

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

API No. 15 - 051-25751-0000



Form ACO-1 September 1999 Form Must Be Typed

Name:	County: Ellis
Address: P.O. Box 329	S/2 SE SE NE Sec. 22 Twp. 12 S. R. 16 East West
City/State/Zip: Russell, Kansas 67665	feet from S /(N (circle one) Line of Section
Purchaser:	feet from E W (circle one) Line of Section
Operator Contact Person: Frank Schulte RECEIVED	Footages Calculated from Nearest Outside Section Corner:
Phone: (785) 483-2721	(circle one) NE SE NW SW
Contractor: Name: Royal Drilling, Inc. SEP 0 4 2009	Lease Name: B. Brungardt Well #: 1
License: 33905 KCC WICHITA	Field Name: Blue Hill
Wellsite Geologist: Frank Schulte	Producing Formation: Lansing
Designate Type of Completion:	Elevation: Ground: 1890' Kelly Bushing: 1895'
New Well Re-Entry Workover	Total Depth: 3440' Plug Back Total Depth: 3365
✓ OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented atFeet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	fact doubt to
Well Name;	Alt I-Dig-98
Original Comp. Date:Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	44000
Plug BackPlug Back Total Depth	Chloride content ppm Fluid volume bbls Dewatering method used Allow to dry and backfill
Commingled Docket No.	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
· · · · · · · · · · · · · · · · · · ·	Lease Name: License No.:
2/22/2008 3/1/2008 3/27/2008 Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workove information of side two of this form will be held confidential for a period of 1	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. I2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regular herein are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature: Justo Juliutt	KCC Office Use ONLY
Title: Owner Date: 9/2/2009	Letter of Confidentiality Received
Subscribed and sworn to before me this 2nd day of September	
20 <u>09</u> .	Wireline Log Received
20	Geologist Report Received
Notary Public:	UIC Distribution
Date Commission Expires:	BLIC - State of Kansas IRK A. BLEHM t. Exp. 2/1/(S
ту жүр	to to A processing and the same

Operator Name:B	ennett & Schulte Oi	l Company	Lease N	Name: B. Brungardt		Well #:1	
Sec22 Twp12	S. R. 16	☐ East	County:	ru:-			-
tested, time tool oper temperature, fluid rec	and closed, flowing overy, and flow rate	and base of formations pe g and shut-in pressures, s if gas to surface test, a inal geological well site r	whether shullong with fin	it-in pressure reached	static level, hydro	static pressu	res, bottom hole
Drill Stem Tests Taker		Yes No		∑ Log Formati	on (Top), Depth a	and Datum	Sample
Samples Sent to Geo	logical Survey	Yes X No		Name Anhydrite Topeka		Тор 1036 2830	Datum +859 -935
Electric Log Run (Submit Copy)		X Yes No		Heebner Toronto	•	3048 3068	-1153 -1173
List All E. Logs Run: Dual Induction, Neutron Density		•	1 Nrhualela			3098 3362 344 0 3439	-1203 -1467 -1545 -1544
		CASING Report all strings set-c		X New Used	tion, etc.	THE STATE OF THE S	
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weigh Lbs. / F		Type of Cement	# Sacks Used	Type and Percent Additives
Surface	11 3/4	8 5/8	24	605	Com	275	3%cc 2%ge1
Productio	on 7 7/8	5 1/ 2	14	3434	Com	175	1 <u>0%sa1t 5%</u> qa
		ADDITIONAL	CEMENTING	J / SQUEEZE RECORD)		
Purpose: Perforate Protect Casing	Depth Top Bottom	Type of Cement	Type of Cement #Sacks Used		Type and F	Percent Additives	}
— 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 (Amount and Kind of Material Used) Depth			
CIBP Baker						3365	
4	4 Perf Lansing						3256-62
4 Perf Lansing							3181-85
4 Perf Lansing						3123-27	
4 TUBING RECORD	Perf Lan: Size 2 7/8"	sing Set At 3360	Packer At	Liner Run	∐Yes ∏x No		3098-3110
Date of First, Resumerd $4/15/2$	Production, SWD or E	nhr. Producing Meth	C	Flowing X Pumpir	ng Gas Lif	t Oth	er (Explain)
Estimated Production Per 24 Hours	0il 10	Bbls. Gas f	Mcf	Water BI	bis. G	as-Oil Ratio	Gravity
Disposition of Gas	METHOD OF C	OMPLETION	L	Production Inter	val		
Vented Sold (If vented, Sub	X Used on Lease mit ACO-18.)	Open Hole Other (Specification)	XX Perf.	Dually Comp.	Commingled		

Drill Stem Test #1 3118 - 3134 Lansing B

Time Interval: 30-30-30-30

Blow: 1st open Strong blow through out. 2nd open Strong blow through out.

Recovery: 312' Water. 60' clean oil. 62' muddy gassy oil. 30' oil and gas cut muddy

water.

Pressures: IHMP: 1499# IFP: 36-132#

ISIP: 985# FFP: 138-222# FSIP: 980# BHT: 100

Drill Stem Test #2 3175-3202 Lansing F & G

Time Interval: 30-30-30-30

Blow: 1st open Strong blow through out. 2nd open Strong blow through out.

Recovery: 868' Water. 110' Gassy watery mud cut oil. 186' Heavy oil & gas cut muddy water. 310' slightly oil cut water.

RECEIVED
SEP 0 4 2009
KCC WICHITA

Pressures: IHMP: 1512# IFP: 102-475#

> ISIP: 1041# FFP: 496-707# FSIP: 1038# BHT: 102

Drill Stem Test #3 3335-3355 Pleasonton Sand

Time Interval: 45-30-60-30

Blow: 1st open Surface blow through out.

2nd open Surface blow through out.

Recovery: 5' clean oil. 25' heavy oil and gas cut mud.

Pressures: IHMP: 1612# IFP: 12-20#

> ISIP: 691# FFP: 15-22# FSIP: 120# **BHT** 98

Drill Stem Test #4 3361-3378 Arbuckle

Time Interval: 45-45-30-out

Blow: 1st open Weak through out.

2nd open Surface blow

Recovery: 5' clean oil. 5' muddy oil.

Pressures: IHMP: 1625# IFP: 12-16#

ISIP: 62# FFP: 13-17# RECEIVED SEP 0 4 2009 KCC WICHITA

Drill Stem Test #5 3361-3385 Arbuckle

Time Interval: Packer failed after 5 min

Blow: Weak

Recovery: 355' muddy water with show of oil through out.

Respectivly submitted:

Frank Schulte Geologist

QUALITY ULWELL CEMELTING, INC.

Cell 785-324-1041

Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665

No. 1821

	學的學學學的學	进入程度次位置与	The Street	相對的規則。這樣的政	是这种中国特别的一个	事情 權 克勒		
Date 7	Twp.	Range	Ca	lled Out	On Location		Job Start	Finish
Lease & Bringarett W	/ell No. /		Location	on/norhy	WILLIAM	151	County	State
Contractor Acada Dal	4			Owner &				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Type Job 1100 String	1			To Quality O	ilwell Cementing, by requested to	Inc.	iting oguloment	and furnish
Hole Size	T.D. 3	437		cementer an	nd helper to assis	t owner or	contractor to do	work as listed.
Csg. 52	Depth 📿	434		Charge 6	ennett -	K SEA	wife o	4660
Tbg. Size	Depth			Street				
Drill Pipe	Depth			City		Stat	e	
Tool	Depth		114 18	The above wa	as done to satisfacti	on and supe	ervision of owner	agent or contractor.
Cement Left in Csg.	Shoe Joint							
Press Max.	Minimum					<u> </u>		market and a second
Meas Line	Displace A	John Street				CEMEN	· 500	99 115
Perf.	<u> </u>				<i>y</i> .	OLIVIEIA	Morel	Clear to
EQUIPM	1ENT	9		Amount Ordered	75/24/10	13,50el	A 58 1	al seal
Pumptrk No. Cementer Helper		at a y		Consisting o	f			
Bulktrk No. Driver Driver	- Januari -	3/2/2	· · · · · · · · · · · · · · · · · · ·	Common /	75 0/6	200		21000
Bulktrk /) No. Driver Driver		ALF	- · ·	Poz. Mix		<u>.</u>		
JOB SERVICES	& REMARKS	, ,		Gel.			7.4	
Pumptrk Charge	17/10 4.	1600-	20	Chloride				
Mileage 22/06	92 /	1329	<u> </u>	Hettis	Seil 7:	@ 2/	725	15525
Footage				Salt 37	9/1	23		36000
	Total	1732	00	Floweeal 4				
Remarks:				Mod	May 118	500	2/25	12500
Discontinues	(i) 15	7/						1
1 11000 to the miles to the second	1111 m						Sales Tax	*
				Handling A	14 @ 200	0		428,00
The state of the s	46.			Mileage , O.	8 Par SALL	Per M	WE:	376.64
_ the transfer of the other	m 22.			PUMP TI	QULK CNA	R6E	Sub Total	1732.00
							Total	•
Landed Dry J	1200	2011		Floating Equ	ipment & Plugs∫	工程的	1000	632
		<i>F</i>		Squeeze Ma	nifold / 60%	J. Je. 5	Wo.C.	17500
Float Head				Rotating Hea	ad # /2	ard the Company companion and the	New mandator of the first of th	7500
	. //			141	L'ITME	and the second		25000
				<i>17 7</i>	1200 P 127	77	· ·	4/55 55
		, , , , , , , , , , , , , , , , , , ,	· .	1 8	Park of John			17500
	,	.5		A			Tax	234,49
	1 day	. já					Discount	(647,00)
X Signature	was of the same			٠.			Total Charge	6,508.38
		69						

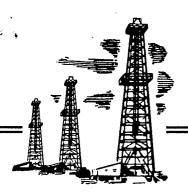
QUALITY JLWELL CEME, TING, INC.

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

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

No. 1839

Sec	Time I	Conde Conde		#1.5 147.8481 1711 3014
Date 2 2 3	Twp:	Range Ca	illed Out : On Location Job Start	Finish
Lease / S / Crack / / W	/ell No.	Locati	op of the 11 gy 1 County	(State
Contractor / Car Thill	K.	Kalifornia (1986)	Öwner	
Type Job)		To Quality Oilwell Cementing, Inc.	
Hole Size	T.D. 1/2	115	You are hereby requested to rent cementing equipment cementer and helper to assist owner or contractor to do	work as listed.
Csg. Sh 2334	Depth (04	Charge To While	
Tbg. Size	Depth		Street	
Drill Pipe	Depth		City State	
Tool	Depth		The above was done to satisfaction and supervision of owner	agent or contractor.
Cement Left in Csg. / 0-15	Shoe Joint			
Press Max.	Minimum			
Meas Line	Displace	371861	CENENT	
Perf.			CEMENT	
EQUIPM			Amount Ordered 275 Con 3200 2561	
Pumptrk / No. Cementer Helper			Consisting of	
Bulktrk No. Driver / Driver			Common 225 > /25	3300.00
Bulktrk No. Driver kinds	din il i		Poz. Mix	
JOB SERVICES	& REMARKS		Gel. 5 0 1800	90.00
	itace.	800 50	Chloride 9 D DO	450,00
Mileage 22 5 65	22	132,00	Hulls	
Footage			Salt	
	Total	432100	Flowseal	
Remarks:	, es			
- Committee Start	1 30 1	/ 		
	,		Sales Tax	*
			Handling 84	578,00
			Mileage & Dor 5k Da m/c	508,64
		700	Sub Total	932.00
			PUMP TRUCK CHARGE TOTAL	
			Floating Equipment & Plugs	102.00
			Squeeze Manifold	
			Rotating Head 🐰 🐰	
Ti Duna				
1/1/10				
of substitution of the second			Tax	208,93
			Discount	(596,00)
Signature Miles 80	Lega		Total Charge	5573,57
(A)	and the same of th			



Bennett & Schulte Oil Co.

P.O. Box 329 Russell, Kansas 67665 PHONE: OFFICE (913)483-2721

GEOLOGICAL REPORT

B. Brungardt #1 2480' North Line & 340' East Line Section 22, Township 12S, Range 16W Ellis County, Kansas RECEIVED SEP 0 4 2009 KCC WICHITA

March 8, 2008

GEOLOGICAL REPORT:

B. Brungardt #1

2480' NL & 340' EL

22-12S-16W Ellis County, Kansas

CONTRACTOR:

Royal Drilling Inc.

Russell, Kansas 67665

DRILLING COMMENCED:

February 22, 2008

DRILLING COMPLETED:

March 1, 2008

CASING RECORD:

8 5/8 set at 605' w/275 sx

5 ½ set at 3434' w175 sx

DRILLING TIME:

By Geolograph

1' Intervals from 2600' to 3440 RTD

SAMPLES:

10' Intervals from 2600' to 3440'

DRILL STEM TESTS:

5 Trilobite Testing LLC

LOGS:

Dual Induction, Microresistivity,

Dual Compensated Porosity, Guard

ELEVATION:

Central Kansas Surveying

Great Bend, Kansas

1890 Ground

1895 Kelly Bushing

Measurements from KB

FORMATION TOPS

FORMATION	LOG TOPS	MINUS DATUM	
Anhydrite	1036	+859	
Base Anhydrite	1064	+831	
Topeka	2830	-935	
Heebner	3048	-1153	
Toronto	3068	-1173	
Lansing	3098	-1203	
Base Kansas City	3340	-1445	
Arbuckle	3362	-1467	
Total Depth (Log)	3439	-1544	

Lithology: Zones of Interest

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

Topeka 2830 (-935) 2830 – 2840	LS: Tan, fine crystalline. Trace of light stain. Slight show free oil. Very faint o odor.	
Toronto 3068 (-1173) 3068–3075	LS: Tan, fine crystalline. Sltly dolo. Slight show free oil. Faint odor.	
Lansing 3098 (-1203) 3098-3110	LS: Tan; Fine-Med. Crystalline. Trace light stain. Slight show free gassy oil Faint odor.	l.
3122–3126	LS: White to tan. Fair oocastic porosity. Slight show of free oil. Fair odor. DST #1	1
3180-3202	LS: White-Grey. Fine crystalline porosity. Show of free gassy oil. Fair odor. DST #2	! r
3250– 3265	LS: Grey. Fine crystalline porosity. Slight show free oil. Very faint odor.	
3345-3352	SS: Fine to medium grained, well rounded	

and sorted. Show of free oil. Fair odor. DST #3

Arbuckle 3362 (-1467)

DOL: Pink. Fine crystalline. Poor porosity. Slight show free oil and faint odor.

3370-3378

DOL: Pink. Fine crystalline. Fair to poor Intercrystalline porosity. Show of free Oil and good odor. DST #4

3378-3385

DOL: Pink. Medium crystalline and sandy.

Fair to good vugular porosity. Show of
Free oil and good odor. DST #5

Rotary Total Depth 3440 (-1545)

Log Total Depth 3339 (-1544)

Drill Stem Test #1 3118 - 3134 Lansing B

Time Interval: 30-30-30-30

Blow: 1st open Strong blow through out. 2nd open Strong blow through out.

Recovery: 312' Water. 60' clean oil. 62' muddy gassy oil. 30' oil and gas cut muddy water.

Pressures: IHMP: 1499# IFP: 36-132# ISIP: 985# FFP: 138-222#

FSIP: 980# BHT: 100

Drill Stem Test #2 3175-3202 Lansing F & G

Time Interval: 30-30-30-30

Blow: 1st open Strong blow through out. 2nd open Strong blow through out.

Recovery: 868' Water. 110' Gassy watery mud cut oil. 186' Heavy oil & gas cut muddy water. 310' slightly oil cut water.

Pressures: IHMP: 1512# IFP: 102-475#

ISIP: 1041# FFP: 496-707# FSIP: 1038# BHT: 102

Drill Stem Test #3 3335-3355 Pleasonton Sand

Time Interval: 45-30-60-30

Blow: 1st open Surface blow through out.

2nd open Surface blow through out.

Recovery: 5' clean oil. 25' heavy oil and gas cut mud.

Pressures: IHMP: 1612# IFP: 12-20#

ISIP: 691# FFP: 15-22# FSIP: 120# BHT 98

Drill Stem Test #4 3361-3378 Arbuckle

Time Interval: 45-45-30-out

Blow: 1st open Weak through out.

2nd open Surface blow

Recovery: 5' clean oil. 5' muddy oil.

Pressures: IHMP: 1625# IFP: 12-16#

ISIP: 62# FFP: 13-17#

Drill Stem Test #5 3361-3385 Arbuckle

Time Interval: Packer failed after 5 min

Blow: Weak

Recovery: 355' muddy water with show of oil through out.

Respectivly submitted:

Frank Schulte Geologist