

### OIL & GAS CONSERVATION DIVISION

KANSAS CORPORATION COMMISSION RIGINAL

Form Must Be Typed

#### **WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 31093	API No. 15 - 083-21570 - 0000
Name: Becker Oil Corporation	County: Hodgeman
Address: P.O. Box 1150	NWSWNW_Sec11 Twp23 S. R24 East 🗸 West
City/State/Zip: Ponca City, OK 74602	1,663 feet from S (N)(circle one) Line of Section
Purchaser: SemKan, LLC	335 feet from E (VV) (circle one) Line of Section
Operator Contact Person: Clyde M. Becker, Jr.	Footages Calculated from Nearest Outside Section Corner:
Phone: (303) 816-2013	(circle one) NE SE NW SW
Contractor: Name: Murfin Drilling Company	Lease Name: Schroeder Well #: 1
License: 30606 CONFIDENTIAL	Field Name: Jetmore South
Welleite Caelegist, James Wusgrove	Producing Formation:
Designate Type of Completion: DEC 0 2 2008	Elevation: Ground: 2293' Kelly Bushing: 2298'
New Well Re-Entry WorkprecC	Total Depth: 2690' Plug Back Total Depth:
Oil SWD \SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 229 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes [✔] No
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 2680
Operator:	feet depth to surface w/ 600 sx cmt.
Well Name:	
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	Chloride content 39,000 ppm Fluid volume 500 bbls
Plug BackPlug Back Total Depth	Dewatering method used evaporation
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	·
Other (SWD or Enhr.?) Docket No	Operator Name: Whitetail Crude, Inc.
9/15/08 9/20/08 10/9/08	Lease Name: Ekey #2 License No.: 31627
Spud Date or Recompletion Date  Date Reached TD  Completion Date or Recompletion Date	Quarter_SE Sec. 21 Twp. 19 S. R. 24 East West  County: Docket No.: D-26,517
INSTRUCTIONS: An original and two copies of this form shall be filed with 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 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs of TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.  All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply.  2 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.
Signature: Oyd M Bech of	KCC Office Use ONLY
Title: 1513894 Bate: 12/3/08	Letter of Confidentiality Received
Subscribed and sworn to before me this 3 <sup>nd</sup> day of DECEMBER	If Denied, Yes Date:
20_08	Wireline Log Received
Notary Public: Camulla & Muller	Geologist Report Received
	CONFIDENTIAL KANSAS CORPORATION COMMISSION
Date Commission Expires: 1/25/10	DEC 0.8 2008

DEC 02 2008

Operator Name: Bed	ker Oil Corporati	on	Lease	Name:	Schroeder		_ Well #: 1	
		☐ East 🗸 West					,	
ested, time tool oper emperature, fluid red	n and closed, flowing covery, and flow rate	and base of formation g and shut-in pressu s if gas to surface te final geological well s	res, whether sh st, along with fi	nut-in pre	ssure reached	l static level, hydro	ostatic pressu	ests giving interval res, bottom hole ed. Attach copy of all
Orill Stem Tests Take		✓ Yes □ N	0		og Forma	tion (Top), Depth a	and Datum	Sample
(Attach Additional) Samples Sent to Geo	·	☐ Yes 🗹 N	o	Nam Ceda	e ar Hill SS		Тор <b>960</b>	Datum (+1338)
Cores Taken	\	Yes 🗸 N	0	Ston	e Corral An	hydrite	1477	(+821)
Electric Log Run (Submit Copy)	ectric Log Run			Wellington Group			1894	(+404)
				Cha	se Group		2349	(-51)
ist All E. Logs Run:				Krid	er		2381	(-83)
Compensated	Density/Neutro	on		Winfield Towanda			2438	(-140)
<b>Dual Induction</b>	, CBL w/ GR						2507	(-209)
				Ft. F	Riley		2562	(-264)
		CAS Report all strings	ING RECORD	✓ Ne		iction, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Wei	ight	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	20#		229'	common	175	3% cc, 2% gel
Production	7 7/8	4 1/2	10.5#		2680'	ASC	125	1/4 Flo seal, .5%fl-160
						Lite	475	1/4 Flo seal
		ADDITIO	NAL CEMENTI	ING / SQI	JEEZE RECOF	RD		
Purpose:  —— Perforate  —— Protect Casing  —— Plug Back TD  —— Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks	s Used		Type and	Percent Additiv	es
Shots Per Foot		ION RECORD - Bridge Footage of Each Interv				racture, Shot, Ceme 'Amount and Kind of N		ord Depth
3	2622-2627 Florence				ac w/750 gals 15% Dbl Fe			
3	2570-2576 Ft. Riley				ac w/1000 gals 15% Dbl Fe			
3 2455-2462 Lower Winfield			ac/ U&L Winfield w/2000 gals					
2 2440-2449 Upper Winfield				15% Dbl Fe w/60 BS				
3 2383-2394, 2412-2416 U&L Krider				ac U Krider/1200 gals Dbl Fe				
TUBING RECORD 2	Size 3/8"	Set At <b>2562'</b>	Packer	At	Liner Run	Yes N	0	
Date of First, Resume	rd Production, SWD or	Enhr. Producin	g Method	Flowin	ng Pum	ping Gas l	_ift	ther (Explain)
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wat	ter C	ONFIDE	STIA!	Gravity
Disposition of Gas	METHOD OF	COMPLETION			Production In	terval DEC 02	2008	.,
Vented Sold		□ Орел		ń. 📋	Dually Comp.	Commingled		DECEIVE:
(If vented, S	Submit ACO-18.)	Other	(Specify)			KC(	PANINA	CONTOUR TO THE

DEC 0 8 2008

Well Completion Form Form ACO Schroeder #1 Page 3

#### Formation (Top), Depth and Datum

Florence	2608	(-310)
Wreford	2654	(-356)
TD Drlr.	2690	(-392)
TD Log.	2687	(-389)

DST #1 2343-2440 (U&L Krider) times 20/30/60/90 IF: BOB 2", FF: BOB Immed., GTS 2" built to 70.4 MCFGPD, rec. 150' SGCM IHP 1207, IFP 70-49, ISIP 606 FFP) 81-86, FSIP 608, FHP 1156

DST #2 2510-2530 (Towanda) times 20/30/20/30 IF: weak, built to 8" FF weak, built to 2" rec. 5' mud IHP 1244, IFP 28-30, ISIP 99, FFP 27-26 FSIP 210, FHP 1230

DST #3 2571-2642 (Ft. Rileym, Florence) times 20/30/60/90 IF BOB 90 sec., FF BOB 2 sec., GTS 15", buil to 10 MCF, rec. 150' SGCM IHP 1350, IFP 62-61, IIP 644, FFP 58-76, FSIP 743 1316

CONFIDENTIAL

DEC 02 2009



# ALLIED CEMENTING CO., LLC. 32944

REMIT TO P.O. B RUSS	OX 31 ELL, KAN	NSAS 6766	55				SERV!	ICE POINT:	City
DATE 9 -20-08	SEC.	TWB 3	RANGE 24	CAI	LED OUT	ON LOCAT	AM	JOB START	JOB FINISH
Schooler	WELL#	1	LOCATION Je	Imare	5 edge	10	' '	COUNTY	STATE STATE
LEASE OLD OR NEW (Cir		<b>'</b>	2 Zw,	45	13/3			J	
		٠. ا	24			LKRI	100		
CONTRACTOR TYPE OF JOB	Mir. Produ		29	<u></u>	OWNER 10				
HOLE SIZE	17/8"	T.D			CEMENT	~	A. /	ا د ادار ادار ا	ارد رج بر
CASING SIZE	45"		PTH 2680'		AMOUNT OR	DERED 3	Ch can	15/15 6 % (E)	HEL 6101361
TUBING SIZE			PTH		500 gal	WFRI	-76-336W	1 5% FL.	- /60
DRILL PIPE TOOL			<u>PTH                                    </u>		<u> </u>				
PRES. MAX	14004	MI	NIMUM 🔶		COMMON			_@	
MEAS. LINE			OE JOINT 10. C	<u>w'</u>	POZMIX	OC x		@	11 - 20
CEMENT LEFT IN	ICSG. /	2 , vo '			GEL CHLORIDE	25x		_@_ <u>^0,40</u>	40.80
PERFS. DISPLACEMENT	43 1	3015	of water		ASC_125	5x		@ 16,85	2,106,25
DIOI DI IODINA		JIPMENT			SaIT	145x		@ <u>23.55</u>	
	200	_	, ii		F1-160	58#	<del></del>	_@_ <u>13,05</u> @	756,90
PUMP TRUCK	CEMENT	ER Ric	K H,		Flo-Scal	1447	Sons	_@_ <i>7\145</i> *@_12.80	352,80
# 366	HELPER	<u> </u>	in Ri		11gh L	eight		*@ <u>/2.80</u> 	- Copi serie
BULK TRUCK	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Jes	et w.						
# 341 BULK TRUCK	DRIVER	764	F <del>+</del> 00.					_@	
# . 482-112	DRIVER	Car	15.		HANDLING_	1.83	4 L	-@ <u></u>	1.536.75
					MILEAGE	683X	32		2,185.60
	RE	MARKS:							13,708.8
pipe on bottom			ulation. Brose	ball					
Ciccolote 30	min	, pump	2 ISISER WINDY		/ ().	S	SERVI	CE	
RV.	UFRII,	5 BBLS		Roob W/1		2	2801		
muse hale -10	<del></del>			% Gel 3 - 3 - 3	DEPTH OF JO PUMP TRUC				1,975.00
1 (1)	115 Amp + 1/m	as le	lessed plup & dis	place	EXTRA FOO			@	1,110.00
w. 71 43. BOIS	of fush	unter,	Float held	7	MILEAGE			@ <del>2,50</del>	240,00
_ Commit	Lil_	<u> </u>	unlate in (t	Mas	MANIFOLD	,		@	1/4 00
			1		Head Re	rop		_@ <i>{//.oo</i> _ @	1/4,00
CHARGE TO:	Beel	( o ( )							-
CHARGE TO:	10 CC		, , , , , , , , , , , , , , , , , , ,					TOTAI	2,326,0
STREET	<del> </del>			<del> </del>		<b>)</b>			,
CITY	S7	TATE	ZIP		(43")	DITIC &	ET OA'	T EQUIPME	VТ
						1 LOG W	r DOM.	L EQUIL WIE.	•
					1-60	10000		@ /66.0	0 166,00
					1. AF	n Inse	rt.		0 249.00
To Allied Cemer	nting Co	LLC	•		73 - 1	bo 1.70/5		@ <u>67.00</u>	
You are hereby r			ementing equipm	ent	4 - Cent			_@ <i>50.</i> 00	
and furnish ceme	enter and	helper(s)	to assist owner of	or	1. Rus	Pi piw	<del>Y</del>	<u>, 60,00</u> 28,00	
contractor to do	work as i	s listed.	The above work	was	5-378p	r,~9.3		•	1,161,00
done to satisfact	ion and si	upervisio	n of owner agent	t or				IOIA	1,1011
			tand the "GENEI ed on the reverse		SALES TAX	(If Any)			
LEKIMS AND C	א דינטאיט.	USII CPIO	ca on me reverse	side.	TOTAL CHA	RGES			
	X		11/21						ID IN 20 DAVE
PRINTED NAME	£ _ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	e any	oniel-		DISCOUNT	<u> </u>		IF PA	ID IN 30 DAYS
CICNIATIDE Y	1		D.Mr.		CONTE			And the second control of	<b>.</b>
SIGNATURE $\frac{\lambda}{\lambda}$	Jel	49 C	my -		CONFID		KAN	SAS CORPORATION	CObhradacid
2					DEC 0	<b>2</b> 2008		DEC 082	008
					KC	C		CONSERVATION D	ivis (1)

## **ALLIED CEMENTING CO., INC.**

REMIT TO P.O. BOX 31 SERVICE POINT: RUSSELL, KANSAS 67665 cyty us N-65 TWP. JOB FINISH RANGE CALLED OUT ON LOCATION JOB START DATE 9-15-08 23 24 9 400 PM 600 PM 730 PM COUNTY STATE LEASE SCH roed = WELL # LOCATION Hadzoman OLD OR NEW (Circle one) الم OWNER Becker CONTRACTOR Munfin TYPE OF JOB Swike HOLE SIZE 12 4 T.D. 228 **CEMENT** AMOUNT ORDERED 1755x Common CASING SIZE 85/4 DEPTH 219 TUBING SIZE DEPTH 2% GE1 DRILL PIPE **DEPTH** TOOL **DEPTH** 175 @ 13,65 **MINIMUM** COMMON PRES. MAX MEAS. LINE SHOE JOINT **POZMIX** CEMENT LEFT IN CSG <u> 20,40</u> **GEL CHLORIDE** PERFS. @ <u>57,1.5</u> 8BL5 DISPLACEMENT ✝ ASC\_ @ @ **EQUIPMENT** @ @ PUMP TRUCK CEMENTER @ HELPER 120 @ **BULK TRUCK** @ DRIVER ca-1 - S # 344

BULK TRUCK	0	
# DRIVER	HANDLING 185 @225 4162	
•	MILEAGE 185128 X.10 51810	
REMARKS:	TOTAL 3742.	
Pipe on Bottom Break cieulatica	'	
mix 175 5x common 3% cc 2% Gel	SERVICE	
Shut Down Release Plus and		
Displace with 13/2BBLS of fresh	DEPTH OF JOB 229	
water and shut in wash up	PUMP TRUCK CHARGE 999.0	<b>~</b>
Rig Down coment Did circulate	EXTRA FOOTAGE @	
	MILEAGE 28 @ 7.50 210,0	<u></u>
	MANIFOLD@	
	Hrad Rent @ 111,00 111,00	<b>O</b>
CHARGE TO: Becker oil		
	TOTAL 1320, 0	באב.
STREET		
CITYSTATEZIP		
	PLUG & FLOAT EQUIPMENT	
•	Wooden Plug @ 62.00 620	<u>C</u>

You are hereby requested to rent cementing equipment

done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND

and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was

CONDITIONS" listed on the reverse side.

To Allied Cementing Co., Inc.

@ @ @ KANSAS CORPORATIO DEC 9 8 2008 TOTAL 62,00 CONSERVATION LI . .

CONFIDENTIAL TOTAL CHARGE **0 2 2008** — IF PAID IN 30 DAYS DISCOUNT KCC

PRINTED NAME

#### JAMES C. MUSGROVE

Petroleum Geologist P.O. Box 215 212 Main St. Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

Becker Oil Corporation Schroeder #1 1663' FNL & 335' FWL (NW-SW-NW) Section 11-23s-24w Hodgeman County, Kansas Page No. 1

#### 4 ½" Production Casing Set

Contractor:

Murfin Drilling Company (Rig #24)

Commenced:

September 14, 2008

Completed:

September 19, 2008

Elevation:

2298' K.B.; 2296' D.F.; 2293' G.L.

Casing Program:

Surface; 8 5/8" @ 229'

Production; 4 1/2" @ 2689'

Samples:

Samples saved and examined 2350' to the Rotary Total Depth.

**Drilling Time:** 

One (1) foot drilling time recorded and kept 2200' to the Rotary

Total Depth.

Measurements:

All depths measured from the Kelly Bushing.

**Drill Stem Test:** 

There were three (3) Drill Stem Tests ran by Trilobite Testing

Company.

**Electric Log:** 

By Superior Well Services; Compensated Density/neutron

Porosity Log.

**Gas Detector:** 

By Holmes Gas Detector Service.

<u>Formation</u>	Log Depth	Sub-Sea Datum
Anhydrite	1477	+821
Krider	2382	-84
Winfield	2449	-151
Towanda	2507	-209
Ft Riley	2565	-267
Florence	2611	-313
Wreford	2655	-357
Rotary Total Depth	2690	-392
Log Total Depth	2687	-389
/ A II 4		

(All tops and zones corrected to Electric Log measurements).

RECEIVE S

SAMPLE ANALYSIS, SHOWS OF OIL, TESTINGUE AT A NETICAL

DEC 0 8 2008

DEC 0 2 2008

CONSERVATION DIAMA

#### KRIDER SECTION

KCC

2382-2390' Dolomite; gray, tan, su

Dolomite; gray, tan, sucrosic, "crumbly", few slightly cherty, scattered pinpoint type porosity, questionable gas bubbles, (12

unit gas kick).

Becker Oil Corporation

Schroeder #1

1663' FNL & 335' FWL (NW-SW-NW)

Section 11-23s-24w

Hodgeman County, Kansas

Page No. 2

2390-2400'

Dolomite; gray, dark gray mottled, finely crystalline, few cherty,

poor visible porosity, trace gray chert (13 unit gas kick).

2403-2416'

Dolomite; gray, dark gray, shaley in part, scattered vuggy porosity, few fair to good porosity, questionable gas bubbles,

913 unit gas kick).

**Drill Stem Test #1** 

2343-2440'

Times:

20-30-60-90

Blow:

Strong; gas to surface 2 minutes into final flow; gas

gauged as follows:

2<sup>nd</sup> opening

10 minutes 27,603 cfgpd 20 minutes 37,122 cfgpd 30 minutes 46.640 cfgpd 40 minutes 57,745 cfgpd 50 minutes 60,918 cfgpd 60 minutes 70,426 cfgpd

Recovery:

150' slightly gas cut mud

Pressures: ISIP

606 **FSIP 608** psi

IFP 70-49 psi FFP 81-87 psi HSH 207-1156 psi

#### **WINFIELD SECTION**

2439-2450'

Dolomite; gray, finely crystalline, sucrosic in part, scattered

pinpoint porosity, trace gray tan chert (100 unit gas -

background??)

2450-2460'

Dolomite; gray, shaley, poor visible porosity, few sucrosic

scattered pinpoint porosity, trace iron pyrite (75 unit gas -

background).

2460-2480'

Dolomite; gray, fossiliferous, few vuggy type porosity, plus trace

tan chert (50 unit gas ???)

#### **TOWANDA SECTION**

2512-2520'

Dolomite; gray, granular, sucrosic in part, pinpoint to fine vuggy

porosity, trace gray chert (8-10 unit gas increase).

**Drill Stem Test #2** 

2510-2530'

Times:

20-30-20-30

Blow:

Weak to fair

Recovery:

5' mud

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Pressures: ISIP

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RECEIVED KANSAS CORPORATION COMMUSSION

99

KCC

psi **FSIP 210** psi IFP 28-29 psi

DEC 0 8 2008

FFP 27-26 psi HSH 1244-1230 psi

CONSERVATION DIME ON WICHIT: PE

**Becker Oil Corporation** Schroeder #1 1663' FNL & 335' FWL (NW-SW-NW) Section 11-23s-24w Hodgeman County, Kansas Page No. 3

2520-2540'

Dolomite; as above, shaley.

#### **FT RILEY SECTION**

2566-2578'

Limestone; gray, highly dolomitic, granular, poor to fair, vuggy

type porosity (24 unit gas increase).

2580-2600'

Limestone; gray, light gray, finely crystalline, slightly dolomitic,

few chalky, poor visible porosity.

#### **FLORENCE SECTION**

2622-2628'

Limestone; tan, gray, fossiliferous, cherty, plus gray tan chert,

trace loose fossil fragments.

#### **Drill Stem Test #3**

<u>2571-2642'</u>

Times:

20-30-60-90

Blow:

Strong; gas to surface 15 minutes into final flow, gas

gauged as follows:

2<sup>nd</sup> flow

20 minutes 6.138 cfgpd 30 minutes 7.261 cfgpd 40 minutes 8.012 cfgpd 50 minutes 8.758 cfgpd 60 minutes 9,507 cfgpd

Recovery:

125' mud

Pressures: ISIP

643 psi **FSIP 743** psi

**IFP** 62-61 psi FFP 58-76 psi HSH 1349-1316 psi

#### WREFORD SECTION

2654-2660'

Limestone; gray, light gray, finely crystalline, fossiliferous, poor

visible porosity, no shows.

**Rotary Total Depth** 

2690 (-392)

Log Total Depth

2687 (-389)

#### Recommendations:

4  $\frac{1}{2}$ " production casing was set and cemented to further test the following zones:

1. Florence

2622-2626

2. Ft Riley

2568-2576

3. Winfield

2450-2456

4. Krider

2384-2390

Respectfully submitted;

KCC

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DEC 0 2 2008 CORPORATION COMMISSION **DEC 0 8 2008** 

CONSERVATION DIVISION

WICHITA, KS

James ¢. Musgrove Petroleum Geologist