KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE



Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

OPERATOR: License # 5146	API No. 15 - 065-23817-00-00
Name:Rains & Williamson Oil Co., Inc.	Spot Description:
Address 1: 220 W. Douglas, Suite 110	N2 SE SW Sec. 12 Twp. 8 S. R. 24 ☐ East West
Address 2:	990 Feet from □ North / ☑ South Line of Section
City: Wichita State: KS Zip: 67202 +	1,980 Feet from East / West Line of Section
Contact Person: Juanita M. Green	Footages Calculated from Nearest Outside Section Corner:
Phone: (316) 265-9686	□NE □NW □SE ØSW
CONTRACTOR: License # 33575	County: Graham
Name: WW Drilling, LLC	Lease Name: Prose Well #: 1
Wellsite Geologist: Scott Alberg	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: 2323' Kelly Bushing: 2328'
☐ New Well ☐ Re-Entry ☐ Workover	Total Depth: 3850' Plug Back Total Depth:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW	Amount of Surface Pipe Set and Cemented at: 208' Feet
☐ Gas ☑ D&A ☐ ENHR ☐ SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to: sx cmt.
If Workover/Re-entry: Old Well Info as follows:	SA CITIL
Operator;	Drilling Fluid Management Disc
Well Name:	Orilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: 31,000 ppm Fluid volume: 750 bbls
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Dewatering method used: Air dry-backfill
Conv. to GSW	-
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
☐ Dual Completion Permit #:	Lease Name: License #;
ENHR Permit #:	Quarter Sec TwpS. R East _ West
GSW Permit #:	County:Permit #:RECEIVED
3/15/12 3/20/12 3/21/12	APR 0 4 2012
Spud Date or Date Reached TD Completion Date or Recompletion Date	7117 0 7 2012
INSTRUCTIONS: An original and two copies of this form shall be filed wit Kansas 67202, within 120 days of the spud date, recompletion, workover or of side two of this form will be held confidential for a period of 12 months if re	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichfla, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information equested in writing and submitted with the form (see rule 82-3-107 for confidence) report shall be attached with this form. ALL CEMENTING TICKETS MUST form with all temporarily abandoned wells.
A PPIDAVIT	
AFFIDAVIT If am the affiant and I hereby certify that all requirements of the statutes, rules and	KCC Office Use ONLY
lations promulgated to regulate the oil and gas industry have been fully complied	ed with Letter of Confidentiality Received
and the statements herein are complete and correct to the best of my knowled	dge. Date: Confidential Release Date:
West to Sun	Wireline Log Received
Signature:	Geologist Report Received
Title: President Date: 4/3/2012	UIC Distribution ALT 1 1 1 1 Approved by: Do Date: 4 18 17
	Date: Tropic

Operator Name: 'Rai	ns & Williamson	Oil Co., Inc.	Lease Nai	me: Prose		_ Well #:1_	
Sec. 12 Twp.8	s. r. <u>24</u>	East West	County: _				
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 Wireline Logs surveyed. Attach final geological well site report.							
Drill Stem Tests Taken (Attach Additional S		✓ Yes		✓ Log Form	ation (Top), Depth a	nd Datum	Sample
Samples Sent to Geol Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy,	d Electronically	✓ Yes No Yes No ✓ Yes No ✓ Yes No ✓ Yes ✓ No	(4	Name See Attached)		Тор	Datum
List All E. Logs Run: Dual Induction L Dual Compensa		og					
		CASING Report all strings set-	•	New Used	luction etc		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft	Setting	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4*	8 5/8"	24	208'	Common	160	3% cc & 2% gel
						1	
		ADDITIONAL	CEMENTING	/ SQUEEZE RECO	20		
Purpose: —— Perforate —— Protect Casing	Depth Top Bottom	Type of Cement	# Sacks Use			Percent Additives	3
Plug Back TD Plug Off Zone							
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per		Acid,	Fracture, Shot, Cemen (Amount and Kind of Mi		rd Depth
			·				RECEIVED
							APR 0 4 2012
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:			CC WICHITA
Date of First, Resumed Production, SWD or ENHR. Producing Method:							
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Pumping	Gas Lift Water	Other (Explain)	Gas-Oil Ratio	Gravity
DISPOSITIO Vented Sold (If vented, Subr	Used on Lease	1		Dually Comp.	Commingled	PRODUCTIO	ON INTERVAL:

FORMATION	ELECTRIC LOG DEPTH	SUBSEA DATUM
. Anhydrite	1968	+360
B/Anhydrite	2001	+327
Topeka	3342	-1014
Heebner Shale	3560	-1232
Toronto	3584	-1256
Lansing	3596	-1268
Muncie Creek	3706	-1378
Stark Shale	3770	-1442
Base Kansas City	3806	-1478
LTD	3851	-1523
All samples corrected to	Electric Log Depths.	

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APR 0 4 2012
KCC WICHITA

ALLIED OIL & GAS SERVICES, LLC

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

SERVICE POINT:

DATE.	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
9	. ,	<u>.</u> . , ,	COUNTY	STATE
LEASE WELL# LOCATION	The state of the s	•		
			ا	
CONTRACTOR	OWNER			
TUDE OF IOD				
HOLE SIZE T.D.	CEMENT	,	,	
CASING SIZE DEPTH AGE	AMOUNT ORI	DERED		<u> </u>
TUBING SIZE DEPTH		·, ·		
DRILL PIPE DEPTH				
TOOL DEPTH				
PRES. MAX MINIMUM	COMMON		_@	
MEAS. LINE SHOE JOINT	POZMIX		_	
CEMENT LEFT IN CSG. 👀	GEL		_@	
PERFS.	CHLORIDE			
DISPLACEMENT	ASC			
EQUIPMENT				
DQ OK. MAIN I			@	-
DUL OF THE COLUMN COLUM				
PUMP TRUCK CEMENTER	•	*		-
# HELPER	•			
BULK TRUCK	 			
# /. DRIVER				ECEN (F
BULK TRUCK		·	_ <u> </u>	ECEIVED-
# DRIVER	HANDLING	_	A	PR 04 2012
	MILEAGE		_	-1. 8 4 KAIK
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	DEPTH OF JOI		····	
	PUMPTRUCK	CHARGE		
	EXTRA FOOT	AGE	_ @	
	MILEAGE	. 	_ @	
	MANIFOLD			
			_ @	
CHARGE TO:				
	•		TOTAL	L
STREET				
CITYSTATEZIP				
VIII		PLUG & FLOAT	r <mark>equipm</mark> ei	NT
				
To: Allied Oil & Gas Services, LLC.				
You are hereby requested to rent cementing equipment				
and furnish cementer and helper(s) to assist owner or				-
contractor to do work as is listed. The above work was				
done to satisfaction and supervision of owner agent or			TOTAI	L
contractor. I have read and understand the "GENERAL				
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (I	f Any)		
121110 1110 CONDITIONS IISTER ON THE TOYOUSE SIDE.				
	IUTAL CHAR	GES	·	
PRINTED NAME	DISCOUNT		IF ₽∆	ID IN 30 DAY
	2.5000/11			
SIGNATURE	-			

ALLIED OIL & GAS SERVICES, LLC 035859

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

SERVICE POINT:

DATE S - 20 2015	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE C	WELL#		LOCATION ,			COUNTY	STATE
OLD OR NEW Ci				/	·		
			1			_	
CONTRACTOR TYPE OF JOB		 	<u> </u>	OWNER			
	9107	T.D		CEMENT			
CASING SIZE	*		PTH		RDERED	•	•
TUBING SIZE	<i>7.</i>		PTH		ADERCO	· · · · · · · · · · · · · · · · · · ·	
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TOOL	<u>` </u>		PTH				
PRES. MAX			NIMUM	COMMON_	1	@	
MEAS. LINE			OE JOINT	POZMIX		@	
CEMENT LEFT IN	N CSG.		 	GEL	·		
PERFS.				CHLORIDE			
DISPLACEMENT				ASC			
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DULAD TRALICIZ	CEMENT	TD		-		_@K	CEIVED
PUMP TRUCK	CEMENT		· · · · · · · · · · · · · · · · · · ·			_ @ AD	R 0 4 2012
	HELPER					_ @Ar	K U 4 ZUIZ
BULK TRUCK #	DRIVER					- [@]	٠-۱ <i>۸/۱</i> ٢٠٠
	DRIVER		<u> </u>			_ <u> </u>	WICHITA
BULK TRUCK #	DRIVER					_ @	
#	DRIVER		· · · · · · · · · · · · · · · · · · ·	$-$ HANDLING $_{_{ m j}}$		@	
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STREET		 		-			
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To: Allied Oil &		· ·					
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		•	to assist owner or				
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			of owner agent or			TOTA	·
			and the "GENERAL	CALECTAV	(lf Any)		
TERMS AND C	ONDITIC)NS" liste	ed on the reverse side	·-	-		
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ALBERG PETROLEUM, LLC

W. Scott Alberg Petroleum Geologist, KS Lic 54 609 Meadowlark Lane Pratt, Kansas 67124

Geologist Report

March 23, 2012

Rains & Williamson Oil Co., Inc	Prose #1-11
220 W. Douglas, Suite 110	N/2 SE SW
Wichita, Kansas 67202	990' FSL & 1980' FWL
	Section 12-T8S-R24W
	Graham County, Kansas
Contractor	WW Drilling, Rig # 6
Commenced	March 15, 2012
Completed	March 22, 2012
Elevations	GL 2323; KB 2328
Measurements	All depths measured from Kelly
	Bushing.
Casing Program	Surface: 8 5/8" set at 208'.
	Production: None
Samples	Samples saved from 3300' to Total
	Depth.
Drilling Time	One(1) foot drilling time recorded by
	geolograph from surface to T.D.
Gas Detector	None
Electric Log	Log-Tech: Dual Induction, Dual
	Compensated Porosity
Formation Testing	Trilobite Testing, Three Tests Ran

<u>FORMATION</u>	ELECTRIC LOG DEPTH	SUBSEA DATUM	
Anhydrite B/Anhydrite Topeka Heebner Shale Toronto Lansing Muncie Creek Stark Shale Base Kansas City LTD	1968 2001 3342 3560 3584 3596 3706 3770 3806 3851	+360 +327 -1014 -1232 -1256 -1268 -1378 -1442 -1478 -1523	RECEIVED APR 0 4 2012 KCC WICHITA
All samples corrected to	Electric Log Depths.		

SAMPLE ANALYSIS, SHOWS OF OIL, ECT.

Topeka 3342-3560

No shows were encountered in this zone. OF

NO VALUE

Toronto

3584 to 3594

Limestone, buff, cream-white, crystalline, dense, slightly fossiliferrous, chalky, no

visible shows, OF NO VALUE.

Lansing 'A Zone'

3596 to 3603'

Limestone, buff-white, finely crystalline,

trace of fossils, some oolites, oolicastic porosity, COVERED BY DST # 1, OF NO

VALUE.

'C Zone'

3628 to 3635

Limestone, buff-white, crystalline, trace of vulgar porosity, slight show heavy dark oil,

no detectable odor, COVERED BY DST #1,

OF NO VALUE.

'D Zone'

3642-3655

Limestone, cream-white, finely crystalline,

fossiliferrous porosity, slight light staining, some dark residual stain, slightly chalky, no

detectable odor, OF NO VALUE.

'H Zone'

3724-3736

Limestone, cream-white, crystalline, trace of

crystalline porosity, slightly chalky, traces of

fossils, no visible shows, no odor.

COVERED BY DST #2, OF NO VALUE.

'I Zone'

3745 to 3750

Limestone, tan-white, crystalline, trace of

fossils, trace of small vugs, very slight show oil, trace of dark heavy oil, no detectable

odor, COVERED BY DST #2. NO

COMMERCIAL VALUE.

'J Zone'

3761 to 3770

Limestone, buff, tan-white, crystalline, trace

of crystalline porosity, few small vugs, slight show of oil, very faint odor, light brown staining, fossiliferrous in part. OF NO

VALUE, COVERED BY DST #2

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'K Zone'

3782 to 3787 Limestone, cream-white, finely crystalline,

oolitic, inter-oolitic porosity, fossil

fragments, light show dark oil, light brown staining, some dark staining, good staining, no detectable odor, COVERED BY DST #3,

OF NO VALUE.

'L Zone'

3794 to 3804 Limestone, tan-white, crystalline, partly

dense, trace of crystalline, porosity, few small vugs, slightly fossiliferrous, slight show of heavy oil, scattered staining, no detectable odor. COVERED BY DST #3,

OF NO VALUE

Log Total Depth

3851(-1523)

Drill Stem Tests

DST #1 3588 to 3634

Toronto, Lansing A, B, C-Times 30-60-30-60

Initial flow period, BOB 7 1/2 minutes, no blow back; Second flow period, BOB 11 minutes, no blow back.

IHP 1750#

FHP 1696#

IFP 28-205#

FFP 210-328#

ISIP 910#

FSIP 898#

Recovery:

320 feet MW (25 % mud, 75% water)

310 feet MW (10 % mud, 90% water)

DST #2 3702 to 3768'

'H', 'I', 'J' Zones - Times 30-30-30-30

Initial flow period, weak blow, died in 14 minutes, no blow back, 2nd opening, no blow, no blow back.

IHP 1814#

FHP 1826#

IFP 20-28#

FFP 30-35#

ISIP 746#

FSIP 681#

Recovery;

20' VSOCM (2 % oil, 98 % mud)

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DST #3 3766 to 3804

'K' and 'L' zones - Times 30-30-30-30

Initial flow period,, weak blow, died, no blow back; Second flow period, no blow, no blow back.

IHP 1868# FHP 1885#
IFP 18-22# FFP 22-26#
ISIP 922# FSIP 917#

Recovery; 10' M with a few oil specks

RECOMMENDATIONS:

With the results of sample shows, DST's, structural position, and log calculations it was recommended this test well be plugged and abandoned.

Respectfully,

W. Scott Alberg, P.G. #54

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