Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1174221

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
Oil WSW SWD SIOW	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if baulod offeitor
ENHR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	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
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

	Page Two	1174221
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRUCTIONS. Chow important tapa of formations ponetrated	Dotail all coros Roport all	final conject of drill stome tests giving interval tested, time teal

No (If No, fill out Page Three of the ACO-1)

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional She	pate)	Yes No		.og Formatio	n (Top), Depth and	Top), Depth and Datum			
Samples Sent to Geolog	,	Yes No	Nam	е		Тор	Datum		
Cores Taken Electric Log Run		Yes No							
List All E. Logs Run:									
		CASING Report all strings set-o	RECORD Ne		on, etc.				
Purpose of String	Purpose of String Size Hole Drilled		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		
		ADDITIONAL	CEMENTING / SQU	JEEZE RECORD					
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives			
Protect Casing Plug Back TD									
Plug Off Zone									
Did you perform a hydraulic	fracturing treatment of	on this well?		Yes	No (If No, skip	o questions 2 an	d 3)		
		raulic fracturing treatment ex	ceed 350,000 gallons	? 🗌 Yes [, question 3)			

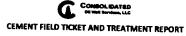
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?

Shots Per Foot				RD - Bridge Plug Each Interval Pe		e			ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packe	r At:	Liner F	Run:	No	
Date of First, Resumed	l Product	ion, SWD or ENHF	۲.	Producing Met	thod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
									-	
DISPOSIT	ION OF (GAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Sol	d 🗌	Used on Lease		Open Hole	Perf.	Dually (Submit)	Comp. ACO-5)	Commingled (Submit ACO-4)		
(If vented, Su	ıbmit ACC	D-18.)		Other (Specify) _						<u> </u>

Yes

7/12/2013





500000649

stomer b Type	Long & Ware	State, County	Montgomery , Kansas	Cement Type		CLASS A
stomer Acct #	Long String	Section	7	Excess (%)		30
No.	4974	TWP	345	Density		13.8
iling Address	Peterson #201 LW	RGE	14E	Water Required		
HING ADDRESS		Formation		Yeild		8.5
/ & State		Tubing		Sacks of Cement	-+	
Code		Drill Pipe		Slumy Volume		75
ntact		Casing Size	4 1/2"	Displacement		23.6 bbl
ail		Hole Size				12
I		Control De th	6 3/4"	Displacement PSI		300
patch Location	RADTI COMULE	Casing Depth	759'	MIX PSI		200
	BARTLESVILLE	Hole Depth		Rate		4 bpm
and the second se	Cement Pump Charges and Mileage	Quantity	Unit	Price per Unit		
5401	CEMENT PUMP (2 HOUR MAX)	1	2 HRS MAX	\$1,085.00	s	1,08
5402	FOOTAGE	759	PER FOOT	\$0.23	s	
5406	EQUIPMENT MILEAGE (ONE-WAY)	30	PER MILE	\$4.20		17
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	1	PER LOAD		\$	12
5621	4 1/2 INCH PLUG CONTAINER	1	PER UNIT	\$368.00	5	36
5609	MISC PUMP (CEMENT TRUCK)	2		\$215.00	5	21
0		_	PER HOUR	\$210.00	\$	42
0			0	\$0.00	5	
0			0	\$0.00	\$	_
			0	\$0.00	\$	
	Company Officer Land			EQUIPMENT TOTA	5	2,38
11004	Cement, Chemicals and Water				-	
1126A	THICK SET CEMENT (8LB OWC 4% GEL 2% CAL. CLOR	IDE 75	0	\$20.16	5	1,51;
1107A	PHENOSEAL	40	0	\$1.35	1 <u>*</u>	1,51,
1110A	KOL SEAL (50 # SK)	400	0	\$0.46		
0			0	\$0.00	5	184
0			0			
0			0	\$0.00	5	
0				\$0.00	5	
0			0	\$0.00	5	
0			0	\$0.00	\$	
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			0	\$0.00	\$	
0			0	\$0.00	5	
				Chemical Tota	_	1,750
N 14	Coment Water Transports	· ·	· · · · · · · · · · · · · · · · · · ·	Ononnical Total		1,730
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				\$0.00	\$	
	Cerbent Flaiting Equipment (TAXABLE)			Transports Tota	\$	
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	Guide Shoes	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			<u> </u>	
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	Barlie and Flapper Plates			\$0.00	\$	
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	Parcent Shoes		0	\$0.00	\$	
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	DW, Toole		0	\$0.00	\$	
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			01	\$0.00	\$	
	Ball Valves, Swedges, Clamps, Miac.					
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0 0 4404			a de la caractería de la c		\$	47.
0 0 4404	4' 1/2" RUBBER PLUG		PER UNIT	\$47.25		47.
0 0 4404	4' 1/2" RUBBER PLUG		PER UNIT	\$47.25 \$0.00	\$	
0 0 4404 0	4' 1/2" RUBBER PLUG		PER UNIT	\$47.25 \$0.00 2019MENT TOTAL		47
0 0 4404 0	4' 1/2" RUBBER PLUG Downhole Tools DRIVER NAME Kirk Sanders		PER UNIT	\$47.25 \$0.00 UIPMENT TOTAL SUB YOTAL	\$ \$ \$	47
0 4404 0 577 700 T133	4' 1/2" RUBBER PLUG Downhole Tools DRIVER NAME Kirk Sanders Matt Mickelson		PER UNIT 0 CEMENT FLOATING EC 6.30%	\$47.25 \$0.00 UIPMENT TOTAL SUB YOTAL	\$ \$ \$	47 4 185 99
0 0 4404 0	4' 1/2" RUBBER PLUG Downhole Tools DRIVER NAME Kirk Sanders		PER UNIT	\$47.25 \$0.00 UIPMENT TOTAL SUB TOTAL SALES TAX	\$ 5 5 5	47
0 0 4404 0 577 700 T133	4' 1/2" RUBBER PLUG Downhole Tools DRIVER NAME Kirk Sanders Matt Mickelson		PER UNIT 0 CEMENT FLOATING EC 6.30% 10%	\$47.25 \$0.00 RUIPMENT TOTAL SUB TOTAL SALES TAX TOTAL (-DISCOUNT)	\$ \$ \$ \$ \$ \$	47 4,185 99 4,29 <u>0</u> 4,29 <u>0</u> 4,18
0 0 4404 0 577 700 T133	4' 1/2" RUBBER PLUG Downhole Tools DRIVER NAME Kirk Sanders Matt Mickelson		PER UNIT 0 CEMENT FLOATING EC 6.30% 10%	\$47.25 \$0.00 UIPMENT TOTAL SUB TOTAL SALES TAX TOTAL	\$ 5 5 5	47 4 185 99 4,291
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0 0 4404 0 577 700 T133	4' 1/2" RUBBER PLUG Downhole Tools DRIVER NAME Kirk Sanders Matt Mickelson		PER UNIT 0 CEMENT FLOATING EC 6.30% 10%	\$47.25 \$0.00 RUIPMENT TOTAL SUB TOTAL SALES TAX TOTAL (-DISCOUNT)	\$ \$ \$ \$ \$ \$	47 4,185 99 4,29 <u>1</u> 418
0 0 4404 0 577 700 T133	4' 1/2" RUBBER PLUG Downhole Tools DRIVER NAME Kirk Sanders Matt Mickelson		PER UNIT 0 CEMENT FLOATING EC 6.30% 10%	\$47.25 \$0.00 RUIPMENT TOTAL SUB TOTAL SALES TAX TOTAL (-DISCOUNT)	\$ \$ \$ \$ \$ \$	47 4,185 99 4,29 <u>1</u> 418

I ACKNOWLEDGE THAT THE PAYMENT TERMS, UNLESS SPECIFICALLY AMENDED IN WRITING ON THE FRONT OF THE FORM OR IN THE CUSTOMER'S ACCOUNT RECORDS, AT OUR OFFICE, AND CONDITIONS OF SERVICE ON THE BACK OF THIS FORM ARE IN EFFECT FOR SERVICES IDENTIFIED ON THIS FORM. Air Drilling Specialist

Oil and Gas Wells



P.O. Box 590 Caney, KS 67333

OOTIE	C	Casing Used 2 Cement Used Rig No.	1' 8 5		NTGOME E	ERY Bit No.	В	KS it Record	Type/	Well		Depth	Ho	urs	Date	Started	Date	Completed		
OOTIE	C	2 Cement Used					В													
OOTIE	C	2 Cement Used		5/8"	E	Bit No.		it Record				786'				7/11/13		7/12/13		
OOTIE	C	2 Cement Used		5/8"	E	Bit No.			d	1.				Co	ring R	lecord				
OOTIE	R	Cement Used					Туре	size	From	n	То	Bit No.	type	Siz		From	То	% Rec.		
OOTIE	R						1											Τ		
		Rig No.						6 3/4"				William St.			1.0					
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								an ben "h	1									1.2		
		lammer No.																		
					I		Forma	tion Re	cord				1			tic				
	Formation	Fr	om	То	F	ormatio	on	From	То		Fo	ormation		From	То		Forma	tion		
	SURFACE					-										1				
	SHALE					2"							1			-				
LIME	& SAND (WA	ATER)				1			A				6			1				
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	LIME SHALE/ LIME	E .							- 12									· · · · ·		
	SHALE/ LIMI								T.I.I.	.1										
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	LIME					1.8							~							
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SAND	D/ SANDY SHALE (WA	ATER)							1	-										
	SHALE LIME					+					-									
C.	AND (WATE	D)																		
	SHALE	<u>()</u>																		
	LIME																			
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	SHALE																			
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		T.D. 786'	T.D. 786'	T.D. 786'	T.D. 786'	T.D. 786'	T.D. 786'	T.D. 786'	T.D. 786'	T.D. 786'	T.D. 786'	T.D. 786'	T.D. 786'	T.D. 786'	T.D. 786'	T.D. 786'	T.D. 786' Image: Constraint of the second secon	T.D. 786' Image: Constraint of the second secon		