Confidentiality Requested: Yes No

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

1246248

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:						
Wellsite Geologist:						
Purchaser:						
Designate Type of Completion:						
New Well Re-Ent	ry 🗌 Workover					
Oil WSW	SWD SIOW	Flooting Formation.				
Gas D&A	ENHR SIGW	Elevation: Ground: Keily Busning:				
OG	GSW Temp. Abd.	Iotal Vertical Depth: Plug Back Iotal Depth:				
CM (Coal Bed Methane)		Amount of Surface Pipe Set and Cemented at: Feet				
Cathodic Other (Core, Ex	pl., etc.):	Multiple Stage Cementing Collar Used? Yes No				
If Workover/Re-entry: Old Well Info as	s 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				
	ermit #:	Dewatering method used:				
	ermit #:	Location of fluid disposal if hauled offeite:				
	ermit #:					
	ermit #:	Operator Name:				
		Lease Name: License #:				
Spud Date or Date Reache	d 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:							

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Operator Name:	Lease Name: Well #:
Sec TwpS. R East _ West	County:

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 Taker (Attach Additional S) Sheets)	Yes No	L	.og Formation (Top), Depth and Datum			Sample
Samples Sent to Geo	logical Survey	Yes No	Nam	е		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne	ew Used ermediate, producti	on, 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
		ADDITIONAL	CEMENTING / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing							
Plug Off Zone							
Did you perform a hydrau	lic fracturing treatment	on this well?		Yes	No (If No, skip	o questions 2 an	nd 3)
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000				? Yes	No (If No, skip	question 3)	
Was the hydraulic fractur	ing treatment informatio	n submitted to the chemical of	disclosure registry?	Yes	No (If No, fill o	out Page Three o	of the ACO-1)
				Asid Fro	atura Chat Comant		L

Shots Per Foot PERFORATION Specify Foo			tage of	age of Each Interval Perforated			(Amount and Kind of Material Used)		
TUBING RECORD:	Siz	ze:	Set At	: Pac	ker At:	Liner F	Run:	No	
Date of First, Resumed	Product	ion, SWD or ENHF	ł.	Producing Method:	mping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	S.	Gas Mcf	Wa	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSIT	ON OF C	GAS:		METHO	D OF COMPL	ETION:		PRODUCTION IN	TERVAL:
Vented Sold Used on Lease			Open Hole Perf. Dually		Comp. Commingled				
(If vented, Su	bmit ACC	D-18.)		Other (Specify)	((000////00/)		

2	802 N. Industrial Rd. P.O. Box 664 Mala, Kansas 66749 Phone: (620) 365-5588 Memory Malue of his contracts to pay these persons surphying material of services by Concrete Products, Inc. Material is the subject of his contracts contracts on the property with the subject of his contracts on the property Mount of his contracts on the property of his contracts on the property Mount of his contracts on the property of his contracts on the property Mount of his contracts on the property of his contracts on the his contracts on the property of h								
	TIME	FORMULA	LOAD SIZE	YARDS ORDERED		DRIVER/TRUCK	<u> </u>	PLANT/TRANSACTION #	
	10:02 6	NU WELL	8.50 R	8.50		35		BOUCO	
ie.	, DATE	is period and the	LOAD #	YARDS DEL.	BATCH#	WATER TRIM	SLUMP	TICKET NUMBER	
1	9/24/14	HICOD.	1	8.50	4	12, 1202	4.00 in	37993	
	IRRITA Contains Portland Cerner CAUSE BURNS. Avoid C Contact With Skin or Eye Attention. KEEP CHILDRI CONCRETE is a PERISHABL LEAVING the PLANT. ANY TELEPHONED to the OFFICI The undersigned promises to any sums oved. Al accounts not paid within 30 Nor Responsible for Reactiv Material is Delivered. A \$30 Service Charge and Exemption Charge and Exemption Charge C	VYARINING TING TO THE SKIN A At. Wear Rubber Boots and Gloves. P Jontact With Eyes and Prolonged CC service State of Control of Control E COMMODITY and BECOMES the PROP CHANGES OR CANCELLATION of ORIG E BEFORE LOADING STARTS. D days of delivery will bear interest at the rate or byg all costs, including reasonable attor D days of delivery will bear interest at the rate e Aggregate or Color Quality. No Claim Loss of the Cash Discount will be colec © \$600HR.	ND EYES ROLONGED CONTACT MAY ontact With Skin. In Case of ritation Persists, Get Medical ERTY of the PURCHASER UPON INAL INSTRUCTIONS MUST be neys' fees, incurred in collecting to 24% per annum. Allowed Unless Made at Time ted on all Returned Checks.	(TO BE SIGNED IF DELIVERY T Dear Custome-The driver of this t you for your signature is of the op truck may possibly cause damag property if t places the material in our wish to help you in every way the driver is requesting that you is this supplier from any responsibilit to the premases and/or adjace driveways, curtos, etc., by the del abso agree to help him remove mu that he will not litter the public str tion, the undersigned agrees to hid of this truck and this supplier for a and/or adjacent property which m arisin out of delivery of this order. SIGNED	O BE MADE INSIDE CURB LINE) ruck in presenting this RELEASE to into that the size and weight of his into that the size and weight of his is to the premises and/or adjacent this load where you deate it. It is that we can, but in order to do this in this RELEASE following him and y from any damage that may occur in properly, buildings, sidewalks, wey of this material, and that you d from the wheels of his vehicle so wey of the material, and that you d from the wheels of his vehicle so def. Further, as additional considera- terming and hold harmless the driver my and all damage to the premises ay be claimed by anyone to have	ELACE STILL VALUE ELACESSTIVE WATCH IS DEFINITION TO CONCRETE PERFORMANCE H20 Added By Request/Authorized By GAL X GAL X WEIGHMASTER NOTICE: MY SIGNATURE BELOW INDICATES THAT I HAVE READ THE HEALTH WARNING NOTICE AND SUPPLIER WILL NOT BE RESPONSIBLE FOR ANY DAMAGE CAUSED WHEN DELIVERING INSIDE CURB LINE. LOAD RECEIVED BY: X MULTION			
	QUANTITY	CODE	DESCRIPTION			0.00	UNIT PRICE	EXTENDED PRICE	
A.00 TRUCKING TRUCKING CHARGE 3.00 \$55.00 \$1 8.50 MIX&HAUL MIXING AND HAULING 8.50 \$25.00 \$2 MAYGYAVE 4-14						\$310,00 \$ % (20 ,00 \$212,50			
\$32							832 50		
	RETURNED TO PLANT	LEFT JOB	FINISH UNLOADING	DELAY EXPLANATION/C	YLINDER TEST TAKEN	TIME ALLOWED		\$887.50	
	IZI3 LEFT PLANT	ARRIVED JOB	START UNLOADING	1. JOB NOT READY 2. SLOW POUR OR PUMP 3. TRUCK AHEAD ON JOB 4. CONTRACTOR BROKE DOWN 5. ADDED WATER	6. TRUCK BROKE DOWN 7. ACCIDENT 8. CITATION 9. OTHER	TIME DUE	TAX 7.15	5%52 \$ 63. 46 \$950. 96 \$ 950. 96	
	1023	1108					ADDITIONAL CHARGE 1		
	TOTAL ROUND TRIP	TOTAL AT JOB	UNLOADING TIME			DELAY TIME	ADDITIONAL CHARGE 2		
	. 200		NI Surger State	an a			GRAND TOTAL	\$892.02	

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Lone Jack Oil Company Blue Mound, KS 1-913-756-2307 1-620-363-0492

Lease:	Margrav	e Operator: $D \& T$	Oil AF	PI # 15-011-24	4475-00-00				
Contractor:	Lone Jack	Oil Company Date Started: 9/	<u>-011</u> 711 18/14 Date	Completed:	9/24/14				
Total Depth	$\cdot 72^{\circ}$	2 feet Well $\#$ 4-14	4 Ho	le Size:	5 5/8				
Surface Pin	יי <u>12</u>	21001 - 20' 7" Surface Bit: 97/8	<u> </u>	of Cement [.]	<u> </u>				
Depth of Se	e at Ninnle:	<u></u> Surface Dit. <u></u> Rag Packer	Sacks 0		<u>5</u>				
Length and	Size of Ca	sing: 710' 27/8	Sacks of Ce	ment:	95				
Legal Description: SW SW NE NE Sec: 2 Two: 24S Dange: 21E County: Bourbon									
Thickness	Donth	Type of Formation	$\frac{2+5}{Coro}$	<u></u> Cou Donth	Time				
1 mckness	Deptii	Type of Formation	Thickness	Deptil					
1	1	Top Soil	1	672-673	2.39 Oil Sand				
7	8	Clay and Sand Stone	2	673-674	2:48 Oil Sand				
3	11	Sand Stone	3	674-675	3:12 Oil Sand				
4	15	Clay	4	675-676	1:46 Oil Sand				
55	70	Lime	5	676-677	4.04 Shale				
4	74	Shale	6	677-678	4·32 Shale				
4	78	Lime	7	678-679	3.49 678 ¹ / ₂ Oil Sand				
7	85	Shale	8	679-680	2:38 Oil Sand				
19	104	Lime	9	680-681	1.18 680 ½ Oil Sand				
4	108	Shale	10	681-682	1.14 Black Sand				
7	115	Lime	11	682-683	2:58 Black Sand				
4	119	Shale	12	683-684	4:58 Shale				
17	136	Lime	13	684-685	5:41 Shale				
174	310	Shale	14	685-686	5:16 Shale				
10	320	Lime	15	686-687	5:35 Shale				
69	389	Shale	16	687-688	6:14 Shale				
20	409	Lime	17	688-689	7:14 Shale				
4	413	Shale							
5	418	Lime							
42	460	Shale							
20	480	Lime							
7	487	Shale							
5	492	Lime							
73	565	Shale							
2	567	Lime							
102	669	Shale							
1	670	Sand Shale Slight Odor (Little Bleed)							
2	672	Oil Sand (Good Core)							
17	689	Ran Core							
33	722	Shale							
	722	TD							