

Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1202028

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

WELL COMPLETION FORM

WELL	HISTORY	- DESCRIP	WELL &	IFASE
	Instont			LLASL

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	Sec TwpS. R East 🗌 West
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 #	
Name:	(e.g. xx.xxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workd	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ □ Gas □ D&A □ ENHR □	SIGW Elevation: Ground: Kelly Bushing:
	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.):	
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	
Well Name:	
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR	
Plug Back Conv. to GSW	
_	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	
Dual Completion Permit #:	
SWD Permit #:	
ENHR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	Quarter Sec. Twp. S. R. East West
•	ion Date or 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	1202028
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRUCTIONS. Chain important tang of formations panetrated De	tail all aaraa Danart all final	appiag of drill stamp tasta giving interval tastad, time task

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 Sheets)		Yes No		.og Formatio	n (Top), Depth an	(Top), Depth and Datum	
Samples Sent to Geological Survey		Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-o	RECORD Ne		on, etc.		
Purpose of String Size Hole Size Casing Weight Setting Type of # Sacks Type					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 on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

(If No, skip questions 2 and 3) (If No, skip question 3)

No

🗌 No

No

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

Shots Per Foot	ot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated								ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	e:	Set At:		Packer	At:	Liner R	un:	No	
Date of First, Resumed	Producti	on, SWD or ENHF	} .	Producing N	/lethod:	oing	Gas Lift	Other (Explain)		
Estimated Production Oil Bbls. Per 24 Hours		ls.	Gas Mcf		Wate	Water Bbls.		Gas-Oil Ratio	Gravity	
DISPOSITION OF GAS:				METHOD OF COMPLETI		TION:		PRODUCTION INTERVAL:		
Vented Sold Used on Lease				Open Hole	Perf.	Dually				
(If vented, Su			(Submit ACC				,	(Submit ACO-4)		

LEASE NAME Kitchen OPERATOR KRED START DATE: 3/20/14 WELL = KR-5 LOCATION: Miami API = SURFACE PIPE: 22:45 Ft 7" Cement(=bags) & sacks PRODUCTION: PIPE: SIZE: 21/9 =FT 562.95 Baffle 31.35 at 531.6 Driller Brad Rig 2

Thickness	Formation	Comment	Depth	Thickness	Formation	Comment	Depth
		lime	0-16			3hale	428-44
		Shale	10-24			lime	445-457
		lime	24-31			Blk Shale	457-472
	+	Shalt	31-40			1 imc odor	472-484
		line	40-79			Shale	481-494
	-	Shale	79.94			Sand	494.5-49.
		lime	94-104		Lore 4	Sand 95Lost core co E:1 sand bleed	aught sample
		Shale	104-132			Gilsand bleed	495.501
		lime	132-143			broken	501-505
		Shale	143-142	1		Shale	505-536
	KL	lime	162-178			lime	536-539
		Shale	178-792			Shale	539-562
		lime	192-198			Sand someoi	1542-544
		Shale	198-282			Shale	564-575
		line	284-28	1	4	n 171	
		Shale	289-318			TDS75	
		lime	318-320	2			
		Redbed	320-323	\$			
		Shale	323-347	4			
		lime	342.357	1			
		Shale	357-363				
		Sandy shale	363-373	Contraction of the second second second			
		shale	373-400	1			
		Blk Shale	400-40				
		lime	402-410				
		BIK Shale	410-42	(
		Shale	421.42	and the second se			
		lime	428-42	8			

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PO Box 884. C	hanute, KS 667	20 FIEL	D TICKE	T & TREA	TMENT REP			Dadle_
	or 800-467-8676			CEMEN		nan 19 1923-9194		
DATE	CUSTOMER #	WELL	NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
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customer Kang	as Resa	surces E	E+D		THE ALL AND THE ALL	the second s		
MAILING ADDR	500			-	TRUCK #	DRIVER	TRUCK #	DRIVER
939	3 11 11	075			101-6	Alg Nad	Sufet	Meet
		STATE	ZIP CODE	-{	370	logr 100	_	
overla	2. Park	65	66210	d and a second se	510	Lash.c		
	ng string	HOLE SIZE 4	-78	-I HOLE DEPT		CASING SIZE & W	FIGHT 2	18
CASING DEPTH	51281	DRILL PIPE	101-				OTHER 53	140
SLURRY WEIGI		SLURRY VOL		WATER gal/	sk	CEMENT LEFT in		
DISPLACEMEN	7.		PSI BOD	MIX PSI	200	RATE 460	M	
REMARKS: 1	le ld mon	Mac. E.		hed ru	te. Mix		ped in	2#
Cal	to Aush	hole	Follow	vert b	82.5K	50/50	cement	- plus
207-	cel L	V2 # Pha	12 sed	021	SGCK.	Circulat		nent
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ACCOUNT	QUANITY	or UNITS	DI	ESCRIPTION	of SERVICES or PR	RODUCT	UNIT PRICE	TOTAL
CODE		1	PUMP CHAR	GE		606		108500
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avin 3737	l						ESTIMATED	
	11	•					TOTAL	2/81.20

AUTHORIZTION

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 for

TITLE_

DATE