Confidentiality Requested: Yes No

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

1214222

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 North / 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) Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:
OG GSW Temp. Abd.	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)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHB Permit #:	
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	1214222
Operator Name:	Lease Name:	Well #:
Sec TwpS. R □ East □ West	County:	
INCTOLICTIONS. Chave important tang of formations panetrated	Datail all aaroa Bapart all final	popios of drill stome tosts giving interval tostad, time tool

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 Yes No (Attach Additional Sheets)				.og Formatio	n (Top), Depth and	, 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	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 / 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	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated						ement Squeeze Record	Depth		
		Specify I o	olage of		renorated			(Amount and Kinc		Deptil
TUBING RECORD:	Si	ze:	Set At:		Packe	r At:	Liner R		No	
Date of First, Resumed Production, SWD or ENHR. Producing Method: □ Flowing □ Pumping □ Gas Lift Other (Explain)										
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSIT	ION OF (GAS:			METHOD		TION:		PRODUCTION INTE	RVAL:
Vented Sole	d 🗌	Used on Lease		Open Hole	Perf.	Uually (Submit)		Commingled (Submit ACO-4)		
(If vented, Su	ıbmit ACC	D-18.)		Other (Specify)						

Yes

BURLINGTON, KS 66839	SERVICE TICKET WELL CEMENTING	
620-364-1311 - OFFICE, 620-364-6719 - C	CELL CO	DATE: 01/30/14
CHARGE TO Ed Birk	COUNTY CF2	CITY
ADDRESS	CITYST	ZIP
KIND OF JOB Cement long Str	CONTRACTOR SEC TWP	RG
DIR. TO LOC.		OLD NEW

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QUANTITY	MATERIAL USED	SERV, CHG
120 SX	Portland Cement	
	BULK CHARGE	
	BULK TRK. MILES	
	PUMP TRK. MILES	
·	PLUGS	
	TOTAL	
т.д. 103	CSG. SET AT 1013' VOLUME	, (
SIZE HOLE	1/2/ 11	
MAX. PRESS		
PLUG DEPTH	PKER DEPTH PLUG USED	
TIME FINISHED:		
REMARKS OF	nect to pipe, Pump Cement into well: Good a	arc to
NAME		
	Edward Birk	
CEMENTER OR	TREATER OWNER'S REP.	

P.O. Box 6 Iola, Kans Phone: (62	as 66749 0) 365-5588	TTME DENT	oncrete Pr	-10	W TO SW P BOURD (6.T	in previous Date to Universe at a is no responsibility for damag ways, buildings, trees, shrubb made for holding trucks long for strength or mix indicated. W ren water is added at customers WER contractor to pay those persons ontract can result in the filling of plect of this contract.	s supplying material or services to a mechanio's lien on the property
TIME	FORMULA	LOAD SIZE	YARDS ORDERED	<u> </u>	NW CORNER DRIVER/TRUCK	× Air	PLANT/TRANSACTION #
1:51 PM	WELL		nijegi.		AC.	A HARY	FLANT/TRAINSACTION #
DATE	PONUMBER	1.2.002 LOAD #	1.2. 1213 -		3153		· COFCO
		LOAD #	YARDS DEL.	BATCH#	WATER TRIM	SLUMP	TICKET NUMBER
17301714	WARNING	7 1	18.00	7	12, (212)	4.00 in	355978-4
CONCRETE is a PERISHAB - LEAVING the PLANT, ANY TELEPHONED to the OFFIC The undersigned promises i any sums owed. All accounts not paid within 3 Not Responsible for Reacti Material is Delivered.	LE COMMODITY and BECOMES the PROPE CHANGES OR CANCELLATION of ORIGIN E BEFORE LOADING STARTS. to pay all costs, including reasonable attorn 0 days of delivery will bear interest at the rate of ve Aggregate or Color Quality. No Claim of Loss of the Cash Discount will be collected	ERTY of the PURCHASER UPON VAL INSTRUCTIONS MUST be eys' fees, incurred in collecting of 24% per annum. Niowed Unless Made at Time	b) to you sphericity to the opin track may possibly cause damaga. Droperty, lift places the material hard our wish to help you in every way it the driver is requesting that you sig this supplier from any responsibility to the premises and/or adjacent driverways, curbs, etc., by the defive also agree to help him remove mud that he will not fitter the public streat tion, the undersigned agrees to indep of this truck and this supplier for any and/or adjacent property which may arisin out of delivery of this order. SIGNED	property, buildings, sidewalks, yr of this material, and that you from the wheels of his vehicle so . Further, as additional considera- nify and hold harmless the driver and all documents has the driver	WEIGHMASTER	X	READ THE HEALTH WARNING FOR ANY DAMAGE CAUSED
		DESCRIPTION			dia an anna an	UNIT PRICE	EXTENDED PRICE
12.000 1.000 3.157	HELL HC MLX&HAULE TRUEV 444	WINTER C MIXING A	SACKS PER HARGE ND HAULING		12.00 4.00 12.00		\$ (660° \$300° \$-30° \$-30°
RETURNED TO PLANT	LEFT JOB	FINISH UNLOADING	DELAY EXPLANATION/CYL	INDER TEST TAKEN	TIME ALLOWED	1	2.06
LEFT-PLANT	S28 ARRIVED JOB	START UNLOADING	1. JOB NOT READY 2. SLOW POUR OR PUMP 3- TRUCKAHEAD ONJOB 4. CONTRACTOR BROKE DOWN 5. ADDED WATER	6. TRUCK BROKE DOWN 7. ACCIDENT 8. CITATION 9. OTHER	TIME DUE	162 6.1% -//	V + 1257
TOTAL ROUND TRIP	TOTAL AT JOB					ADDITIONAL CHARGE	1
111 22 30		UNLOADING TIME			DELAY TIME	ADDITIONAL CHARGE	2
14.02		a second a second s		and a state of the		GRAND TOTAL	1010.84

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