Confidentiality Requested: Yes No

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

1187565

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) 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
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. 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	1187565
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRUCTIONS. Chain important tang of formations panetrated. De	tail all carea. Depart all final	apping of drill stome tools giving interval toolad, time tool

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 Sh	eets)	Yes No		-	n (Top), Depth an		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
			RECORD Ne				
		Report all strings set-o	conductor, surface, inte	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: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing							
Plug Off Zone							

Did you perform a hydraulic fracturing treatment on this well?	Yes	No	(
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes	No	(
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes	No	(

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

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

Shots Per Foot		PERFORATION Specify For	RECOF	RD - Bridge F Each Interval	Plugs Set/Typ Perforated	е	A		ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	At:	Liner Ru	un:	No	
Date of First, Resumed	l Producti	ion, SWD or ENHF	} .	Producing N	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI		SAS:		1	METHOD				PRODUCTION IN	TERVAL:
Vented Solo	_	Jsed on Lease		Open Hole	Perf.	Dually	Comp.	Commingled		
(If vented, Su	bmit ACC	9-18.)		Other (Specify)		(Submit)	,	(Submit ACO-4)		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

	Operator License #	32834		API #
	Operator	JTC Oil, Inc.		Lease Na
	Address	PO Box 24386		Well #
	City	Stanley, KS 66283		
	Contractor	JTC Oil, Inc.		Spud Dat
	Contractor License #	32834		Cement
	T.D.	700		Location
	T.D. of pipe	682		LUCATION
		7"		
	Surface pipe size Surface pipe depth			Country
		20' Dag du stiere		County
	Well Type	Production	à	
TI 1	Driller's	•	<i>•</i>	
Thickness	Strata	From	То	
2	Soil	0	2	
16	Clay	2	18	
22	Shale	18	40	
21	Lime	40	61	
14	Shale	61	75	
7	Lime	75	82	
8	Shale	82	90	
8	Lime	90	98	
31	Shale	98	129	
15	Lime	129	144	
7	Shale	144	151	
28	Lime	151	179	
6	Black Shale	179	185	
22	Lime	185	207	
4	Coal	207	211	
12	Lime	211	223	
134	Shale	223	357	
3	Red Bed			
3		357	360	
	Shale	360	363	T 1 1
3	Oil Sand	363	366	Little
3	Oil Sand	366	369	ОК
3	Oil Sand	369	372	Good
3	Oil Sand	372	375	V-Good
2	Oil Sand	375	377	Good
3	Oil Sand	377	380	V-Good
3	Oil Sand	380	383	V-Good
3	Oil Sand	383	386	V-Good
2	Oil Sand	386	388	V-Good
2	Shale	388	390	
11	Lime	390	401	
41	Shale	401	442	
2	Coal	442	444	
4	Shale	444	448	
5	Lime	448	453	

.PI # ease Name Vell #	!	15-121-2943 Renner P-7	4-00-00	
-	- 165	12/20/2013 1/17/2014 Sec 16 feet from feet from Miami	T 17 S E	R 22 line line

14	Shale	453	467	
3	Lime	467	470	
13	Black Shale	470	483	
7	Lime	483	490	
14	Shale	490	504	
6	Lime	504	510	
6	Coal	510	516	
2	Lime	516	518	
7	Shale	518	525	
3	Oil Sand	525	528	Good
3	Oil Sand	528	▶ 531	V-Good
3	Oil Sand	531	534	V-Good
3	Oil Sand	534	537	Good
2	Oil Sand	537	539	V-Good
33	Shale	539	572	
27	Black Shale	572	599	
2	Oil Sand	599	601	ОК
6	Sandy	601	607	
44	Shale	607	651	
4	Red Bed	651	655	
11	Shale	655	666	
15	Black Shale	666	681	
19	Shale	681	700	

C	onsolidated	265485		TICKET NUMB		539
)il Well Services, LLC					<u>ks</u>
				FOREMAN_F	Fred Mg. de	r
0-431-9210 c	or 800-467-8676	ELD TICKET & TREA CEMEN	Τ			
DATE		LL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-17-14 ISTOMER	4015 Renne	r # p.7	SE 16	71	22	mi
	ss Oil Tac		TRUCK# フィこ	DRIVER Fre Mad	TRUCK #	DRIVER
35688	Plum Creek k		795	Hor Bec		
TY IV	STATE	ZIP CODE	369	A. McD		
Osquat	and KS	66084	510	Set Tuc		
	The strin HOLE SIZE	5718 HOLE DEPTH		CASING SIZE & W	EIGHT 278	EUE
SING DEPTH	687 / DRILL PIPE	TUBING	·	CADING DIZE & W	OTHER	
		and a contract of the second states and the second s	k	CEMENT LEFT in		"D/4c
SPLACEMENT			n	RATE SBP.		<u></u>
MARKS:	ald aven safe		tablish		Mi	0
	Gel Flush.	and in		fump rat	2. Ilix P	Pomp_
100 #		ut to Suttace	86 512		Comment re	1 14 ×
FID	eal/sk. Cem		·	~		an,
Disp		er plug to cas	My TP.	Pressure	X0 800	* psl
Relea	se pressure	to set fload	Value.			
	x N (//L			407	- 0	
JT	: Drilling.		·	June M	adu	
ACCOUNT CODE	QUANITY or UNITS		SERVICES or PR		UNIT PRICE	TOTAL
ACCOUNT CODE 540/		PUMP CHARGE	SERVICES or PR	. 495	adu UNIT PRICE	10850
ACCOUNT CODE 5401 5406	QUANITY or UNITS	PUMP CHARGE MILEAGE			UNIT PRICE	10500
ACCOUNT CODE 5401 .5406	QUANITY or UNITS	PUMP CHARGE MILEAGE		. 495	UNIT PRICE	10500
ACCOUNT CODE 5401 5406	QUANITY or UNITS	PUMP CHARGE MILEAGE Cas My footon Ton Milos	J.4	495 495 516	adu UNIT PRICE	108500 10500 N/C
ACCOUNT CODE 5401 5406	QUANITY or UNITS / 2.5mi 6.82' /3 Minimum	PUMP CHARGE MILEAGE	J.4	495	UNIT PRICE	10500
ACCOUNT CODE 5401 5406 5402 5402 5407 5407	QUANITY or UNITS 25mi 25mi 682' 1/3 Minimum 1/2 hrs 86 s Ks	PUMP CHARGE MILEAGE Cas My footon Ton Milos	J.4		adu UNIT PRICE	10500 10500 N/C 12209 13500
ACCOUNT CODE 5401 5402 5402 5402 5407 7502C	QUANITY or UNITS	PUMP CHARGE MILEAGE Cas My footo Ton Milos 80 BBL Vac OWC Cement	g. Truck.		adu UNIT PRICE	1698500
ACCOUNT CODE 5401 5402 5402 5402 5407 5407 5407 5502C 1126 1118 B	QUANITY or UNITS	PUMP CHARGE MILEAGE Cas My Footon Ton Milos 80 BBL Vac BWC Cement Promium Cel	g. Truck.		UNIT PRICE	1086-20 10500 N/C 12269 13500 169850
ACCOUNT CODE 5401 5402 5402 5402 5407 3502C 1126 1126 1116 B 1107	QUANITY or UNITS 25mi 25mi 682' 1/3 Minimum 1/2 hrs 86 s Ks	PUMP CHARGE MILEAGE Cas My Footon Ton Milos 80 BBL Vac BWC Cement Promium Cel	g. Truck.		UNIT PRICE	10500 N/C 12209 13500 169850 2200
ACCOUNT CODE 5401 5402 5402 5402 5407 7502C 1126 1118 B	QUANITY or UNITS 1 25mi 682' 1/3 Minimum 1/2 hrs 86 s Ks 100 # 22#	PUMP CHARGE MILEAGE Cas My footo Ton Milos 80 BBL Vac OWC Cement	g. Truck.		UNIT PRICE	1086-00 10500 N/C 12269 13500 169850
ACCOUNT CODE 5401 5402 5402 5402 5407 7502C 1126 1126 1116 B 1107	QUANITY or UNITS 1 25mi 682' 1/3 Minimum 1/2 hrs 86 s Ks 100 # 22#	PUMP CHARGE MILEAGE Cas My Footon Ton Milos 80 BBL Vac BWC Cement Promium Cel	g. Truck.		UNIT PRICE	10500 N/C 12209 13500 169850 2200
ACCOUNT CODE 5401 5402 5402 5402 5407 7502C 1126 1126 1116 B 1107	QUANITY or UNITS 1 25mi 682' 1/3 Minimum 1/2 hrs 86 s Ks 100 # 22#	PUMP CHARGE MILEAGE Cas My Footon Ton Milos 80 BBL Vac BUC Cement Promium Call Flo Seal 212" Rubber Plu	9-1. Truck. 2 5.			10500 N/C 12209 13500 169850 2200
ACCOUNT CODE 5401 5402 5402 5402 5407 7502C 1126 1126 1116 B 1107	QUANITY or UNITS 1 25mi 682' 1/3 Minimum 1/2 hrs 86 s Ks 100 # 22#	PUMP CHARGE MILEAGE Cas My Footon Ton Milos 80 BBL Vac BUC Cement Promium Call Flo Seal 212" Rubber Plu	g. Truck.		UNIT PRICE	1086-20 10500 N/C 12209 13500 169850 2200 5434 2950
ACCOUNT CODE 5401 5402 5402 5402 5407 7502C 1126 1126 1116 B 1107	QUANITY or UNITS 1 25mi 682' 1/3 Minimum 1/2 hrs 86 s Ks 100 # 22#	PUMP CHARGE MILEAGE Cas My Footon Ton Milos 80 BBL Vac BUC Cement Promium Call Flo Seal 212" Rubber Plu	9-1. Truck. 2 5.	495 495 576 367	npieted	1085-20 105 00 N/C 122 09 135-00 1698 50 2200 5434 2955

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