

Confidentiality Requested:

Yes No

## Kansas Corporation Commission Oil & Gas Conservation Division

1216258

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:	SecTwpS. R
Address 2:	Feet from
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):  If Workover/Re-entry: Old Well Info as follows:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No  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  Plug Back Conv. to GSW Conv. to Producer  Commingled Permit #:  Dual Completion Permit #:  SWD Permit #:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)  Chloride content: ppm Fluid volume: bbls  Dewatering method used:  Location of fluid disposal if hauled offsite:
☐ ENHR         Permit #:           ☐ GSW         Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	Quarter         Sec.         Twp.         S. R.         East         West           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



Operator Name:			Lease Name:			Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow	ing and shut-in pressu	ormations penetrated. D res, whether shut-in pre ith final chart(s). Attach	ssure reached stati	c level, hydrosta	tic pressures, bott		
		tain Geophysical Data a r newer AND an image f		gs must be ema	iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Taker (Attach Additional S		Yes No			on (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	Yes No	Name	Э		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne onductor, surface, inte		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
	Dillied	Set (III O.D.)	LDS./1t.	Берш	Cement	Oseu	Additives
		ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Po	ercent Additives	
Perforate	ιορ Βοιιοπ						
Plug Back TD Plug Off Zone							
1 ldg 011 20110							
Did you perform a hydrau	ulic fracturing treatment or	this well?		Yes	No (If No, ski)	o questions 2 an	d 3)
		aulic fracturing treatment ex	=	= =	_ ·	o question 3)	of the ACO 1)
was the hydraulic fractur	ing treatment information	submitted to the chemical o	disclosure registry?	Yes	No (If No, fill o	out Page Three	or the ACO-1)
Shots Per Foot		N RECORD - Bridge Plugs ootage of Each Interval Perf			cture, Shot, Cement mount and Kind of Mai		Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or ENH	R. Producing Meth		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil Bl	bls. Gas	Mcf Wate	er B	bls. G	as-Oil Ratio	Gravity
DISPOSITIO	ON OF GAS:	M	METHOD OF COMPLE	TION:		PRODUCTIO	N INTERVAL:
Vented Sold		Open Hole	Perf. Dually	Comp. Cor	nmingled		
	bmit ACO-18.)	Other (Specify)	(Submit A	ACO-5) (Sub	mit ACO-4)		

	Operator License #	32834		API#		15-121-3032	1-00-00	)
	Operator	JTC Oil, Inc.		Lease Nan	ne	Bristow		
	Address	PO Box 24386		Well#		I-19		
	City	Stanley, KS 66283						
	Contractor	JTC Oil, Inc.		Spud Date	į.	5/17/2014		
	Contractor License #	32834		Cement D	ate	5/21/2014		
	T.D.	400		Location		Sec 27	T 17	R 22
	T.D. of pipe	385			2045	feet from	'N	line
	Surface pipe size	7"			2640	feet from	E	line
	Surface pipe depth	20'		County		Miami		
	Well Type	Injection						
	Driller's	Log						
Thickness	Strata	From	То					
13	dirt/clay	0	13					
14	lime	13	27					
9	shale	27	36					
6	lime mix	36	42					
6	lime	42	48	<i>(</i> 2)				
27	shale	48	75					
18	lime	75	93					
9	shale	93	102					
28	lime	102	130					
7	shale	130	137					
23	lime	137	160					
4	shale	160	164					
3	lime	164	167					
5	shale	167	172					
4	lime	172	176					
9	shale mix	176	185					
130	shale	185	315					
9	red shale	315	324					
2	top sand	324	326	ok				
2	top sand	326	328	ok				
2	top sand	328	330					
2	top sand	330	332					
2	top sand	332	334					
2	top sand	334	336					
2	top sand	336	338					
2	top sand	338	340					
2	top sand	340	342					
2	end	342	344					

lime

shale



268382

ticket NUMBER 47240 LOCATION Ottawa NS FOREMAN Fred Mader

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

## FIELD TICKET & TREATMENT REPORT

STOMER TO COIL TOC TRUCK BRISTONE TO COUNTY OF THE STOMER TO COINTY TO COINTY OF THE STOMER TO COINTY					CLIMIC	14.1			
TOWER JTC Oil Jac  TRUCK BRIVER TRUCK BRIVER  TRUCK BRIVER TRUCK BRIVER  TRUCK BRIVER TRUCK BRIVER  TO ASING SER ICL  TRUCK BRIVER  TO A	DATE	CUSTOMER#				SECTION	TOWNSHIP	RANGE	COUNTY
TTC Dilling Creak Rd 498 Maylec 170 Driver 170 Comment of State 170 Comm	5-21-14	4015	Brista	w # I.	19	NE 27	17	22	BM.
RELINGADORESS  35 ( 69 ) PIVM CYCCK IZd  TY STATE ZIPCODE  D. SQUARAMIC R. (5 ) 6064  BYPE LONGSTRUTH HOLE SIZE 6 HOLE DEPTH 400 CASING SIZE REVIEWED TO THER  URRY WEIGHT SEURRY VOL WATER Gallisk CEMENT LEFT IN CASING 28 "PIVE BURRY WEIGHT STEED THE WATER Gallisk CEMENT LEFT IN CASING 28 "PIVE BURRY WEIGHT SUURY VOL WATER Gallisk CEMENT LEFT IN CASING 28 "PIVE BURRY WEIGHT SUURY VOL WATER GALLS SAW COMMENT WATER GALLS SAW CASANC TO PIVES SAW COMMENT WATER GALLS SAW CASANC TO PIVES SAW SOOM PALL MAINT RELEASE PRESERVE TO SAM MITT. Release PRESERVE TO SAM TO MAINT WATER GALLS SAW WATER		7 c 0:1	1 Tuc			TRUCK #	DRIVER	TRUCK#	DDN/CD
35689 Plym Creek Rd STATE  STATE  OSQUINATAMIO  OSQUINATAM	AILING ADDRE	SS		· · ·	1			TROCK#	DRIVER
D. Sawatomia K.S. 16064  BTYPE LONGSTAND HOLE SIZE & HOLE DEPTH 400 CASING SIZE & WEIGHT 276 CUE  BTYPE LONGSTAND HOLE SIZE & HOLE DEPTH 400 CASING SIZE & WEIGHT 276 CUE  URRY WEIGHT  SELURRY VOL. WATER GAILER  URRY WEIGHT  SELURRY VOL. WATER GAILER  WATER GAILER  RATE 4BPM  MARKS: Hald aven Eafely multim. Establish Dump lake. Mixt Promp 100*  Get Flush. Mix x Promp 185 SIX. DWC (comenx 14 Flo Scal /sk.  Cemmy to Sur face Flush promp x Incs clean Disolace 25'  Cubber plus to casing TD. Pressure to 500 PMI. Hald to Work to 185 June 185 Ju	3566	58 Dlur	n Creek	Rd					
D. SQUINTY OF INTESTIZE & HOLE DEPTH 400 CASING SIZE A WEIGHT 278 EUE BTYPE LONGSTYN HOLE SIZE & HOLE DEPTH 400 CASING SIZE A WEIGHT 278 EUE BTYPE LONGSTYN HOLE SIZE & HOLE DEPTH 400 CASING SIZE A WEIGHT 278 EUE  URRY WEIGHT 325 ORILL PIPE  URRY WEIGHT 325 YE BUILTY VOL  WATER gallak CEMENT LEFT IN CASING 25" Plug  PRACEMENT 2.2 YE BUILTY VOL  WATER gallak CEMENT LEFT IN CASING 25" Plug  MARKIS: No la avew & afety multing Establish Dump 1all. Mixt Pump 108 &  Get Flush. Mix & Plump 129 SIZE O DUC CEMENT 14 Flo Socal 15 K.  Cement to Sur face. Flush primp & 1 Mix Clone Displace 21/5"  Cubber plus to Casing To. Pressure to Soom Pul. Hald to  Water plus to Casing To. Pressure to Soom Pul. Hald to  Sax flow Value. Show in Casing.  JTC Drilling Local Casing for Services or PRODUCT UNIT PRICE TOTAL  SAX flow Value. Show in Casing.  ACCOUNT QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  SYOL 2 385 Casing for Sec.  SYOL 385 Casing for Sec.  1/2 Minimum Tom Miles. 557 1845  1/2 Minimum Tom Miles. 557 1845  1/2 Minimum Tom Miles. 557 1845  1/2 Makerial 102 5  1/2 Makerial 102 5  1/2 Makerial 102 5  1/2 Sec.  1/4 Casing For Sec.  1/4 Casing For Sec.  1/4 Casing For Sec.  1/4 Casing Town In	ITY	, , ,	STATE	ZIP CODE	1				
BTYPE LONGISTY MOLE SIZE 6 HOLE DEPTH 400 CASING SIZE & WEIGHT 278 EUE SING DEPTH 385 ORILL PIPE TUBING OTHER  WATER PAIGHT SLURRY VOL WATER GAIR'SK CEMENT LEFT IN CASING 328" PLYG SPLACEMENT 2.248 PUSPLACEMENT PSI MIX PSI RATE 418 PM OF ARTE 418	Osawa	Nomia	KS	66064					
SING DEPTH 385 ORILL PIPE TUBING OTHER USERY WEIGHT SLURRY VOL WATER Gallek CEMENT LEFT IN CASING 25" PLUG WATER Gallek CEMENT WATER GALLEY WATER	DB TYPE	ongstring	HOLE SIZE		_			WEIGHT 27/8	EUE
URRY WEIGHT  SLURRY VOL  PRACE  PRACE  PRACE  SLURRY VOL  WATER gallok  RATE 43000  RATE 4	ASING DEPTH_	3850	DRILL PIPE	-21	TUBING			RI CONTRACTOR	
PRIACEMENT 2.24B QUESTEAN PRINTERS MAXPS RATE 413PM OF MARKS: Hald avew safely must be stablish pump 121 - Mixt Pump 100 th Gel Flush Mix to Plang Wy 516 Soul Comment Wy Flo Soul / 56 Comment to Surface of Flush pump this Clean Displace 26" rubber plus to cashe TD. Pressure to 500 th MI. Holy to Whomitan Pressure for 30 mm MIT. Release Pressure to 500 th MIT. Release Pressure to	LURRY WEIGH	T	SLURRY VOL_		WATER gal	/sk	CEMENT LEFT in	CASING 2%	" Plug
Gel Flush. Mix + Ramp 189 SILS OWC Comenx 14 Flo Soci / 5K.  Cemmy to Europe Flush promp & Ins clean Displace 26"  Fubber plug to cashe TD. Pressive to 800 AVI. Moly t  Manitor Dressure for 30 Mm MIT. Release Pressure to  Sat flood Value. Shuy in Casha  TTC Drilling.  ACCOUNT QUANITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  SYD! / PUMP CHARGE 495 845  SYD 2 385 Casing footega 195 845  SYD 2 385 Casing footega 1854  SYD 2 Minimum Ton Miles. 55t 1845  SYD 1865  1126 193 185 Owc Cement 967  1126 193 185 Owc Cement 967  1126 193 185 Flo Scal 32!  1127 136 Flo Scal 32!  Waterial 102!  1107 136 Flo Scal 32!  1107 158 Flo Scal 32!	SPLACEMENT	2.24B6	EISPLACEMENT	T PSI	MIX PSI		قو السند ا		0
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Cement to Suy face. Flush primp & Mis clean Displace 3/2"  rubber plug to cashic TD. Pressure to 500 MM. Holdt  Monitar pressure for 30 mm MIT. Release Pressure to  Sext flow Value. Shuy m. Cashig.  ITC Drilling.  ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  SYD!  PUMP CHARGE 495 1085"  SYD 2 385 Cashing footage 495 84°  SYD 2 385 Cashing footage N/C  SYD? 'Minimum Ton Miles. 55° 184°  S502C 1 hr 80 BBL Vac Truck 370 100°  1126 493ks Owc Cement 967°  1126 126 Flo Scal 32"  Material 1021 50°  Material 1021 50°  LYO 2 122" Rubber Plug  7.650 SALESTAX 56°  SALESTAX 56°  STIMATED  TOTAL 2254°	Geli	Flush. W	11x + Pel	ms is	19 5145	OWÉ Co	ment 1/4#	Flo Sool	
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Monitar Plessure for 30 min MIT. Release Pressure to  Est flood Value. Shut in Casing.  TC Drilling.  ACCOUNT CODE QUANITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  UNIT PRICE TOTAL  SYD!  PUMP CHARGE  495  845  5402  385  Casing footage  N/c  5407  Minimum Ton Miles.  5502  1 kr 80 BBL Vac Truck  320  1126  1126  1938  1126  107  136  Flo Scal  Acess 30%  Total  1021  2581  1022  1002  1002  1002  1003  Total  2581  7053  2581  7053  1004  7153  004  7153  004  7153  004  7155  SALES TAX  5698  ESTIMATED  TOTAL  2254  TOTAL  2254	rubb	er plug	to casi	Mc TO	Pre	ssure to	800# AU	1. Halo	1+
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CODE CODE CONTINO DESCRIPTION OF SERVICES OF PRODUCT  540	<b>フ</b> フ	rc Drill	1.4				Fred Ma	De	
CODE CODE CONTINO DESCRIPTION OF SERVICES OF PRODUCT  540							•	_	
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7.65% SALES TAX 5698  OK'd J Green  ESTIMATED TOTAL 22542								2584 119	
OK'd J Green ESTIMATED TOTAL 22542		*			•		7.65%		56.98
IUIAL I & & J	n 3737	ox'd J	Green					ESTIMATED	The state of the s
THORIZTION NO CO KNOW SIZE TITLE DATE				~ \l					2254

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.