Confidentiality Requested: Yes No

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

1159143

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)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW ☐ 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)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #: SWD Permit #:	-
ENHR Permit #:	Location of fluid disposal if hauled offsite:
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

	Page Two	1159143
Operator Name:	Lease Name:	Well #:
Sec TwpS. R □ East □ West	County:	
INCTRUCTIONS. Show important tang of formations panatrated	Datail all carea Bapart a	Il final conice of drill stome tests giving interval tested, time test

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 She	eets)	Yes No		-	on (Top), Depth ar		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD Ne		ion, 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	EEZE RECORD			
Purpose:	Depth	Trace of Ocean ant	III On also I land		Turne and D		

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
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

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

No

(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	e	A		ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	At:	Liner Ru	n:	No	
Date of First, Resumed	Producti	ion, SWD or ENHF	} .	Producing N		oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF G	BAS:	_					_	PRODUCTION IN	TERVAL:
Vented Solo	J 🗌 t	Jsed on Lease		Open Hole	Perf.	Uually (Submit)	Comp.	Commingled (Submit ACO-4)		
(If vented, Su	bmit ACO	D-18.)		Other (Specify))		,	(505/111 ACO-4)		

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

	DNSOLIDATED	25968	52	TICKET NUM		021
•	# Well Services, LLC				<u> Jan N</u>	rader
		FIELD TICKET & TRU		FOREMAN_	Ottan	9
	anute, KS 66720 r 800-467-8676	CEM		UKI		
DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-15-13	1476 han	K/2 # 31	SWG	14	27	50
USTOMER	Petrolegy		A.S. 19491 - 15		ALC:	
AILING ADDRES		7	TRUCK #	DRIVER	TRUCK #	DRIVER
P.0 60.	x 1385		66	Tige Mar	·	┝───
ITY . CO	STATE	ZIP CODE	370	Kailan		ļ
Van Alst	VAP. TX	75495	510	Sot Tur		
OB TYPE / DAL	1 1 1	7 2 11	ртн 9/70	CASING SIZE & V	VEIGHT 41	2
ASING DEPTH_	893 DRILL PIP	ETUBING_			OTHER	<u> </u>
LURRY WEIGHT	SLURRY N	OL WATER g	al/sk	CEMENT LEFT in		IRS
ISPLACEMENT_	14 DISPLACE	MENT PSI_800 MIX PSI_	APD	RATE 56	om	
EMARKS: HO	shed to a	ising EGhob	lighed .	rate.	A: xeD	d
prinped	e 100 # 50	1 followed	by 81	all dye	Marke	v.
NI xed	r pumped	125 5K 501	50 ceme	at plas	2705	ch
<u>12* r</u>	neno seal	Per Sack, (-inculate	<u>l 'dye</u>	_ Flu	shed
pump.	Pumped p	he to casi	ng TD, (Checked	Dept	Ky u.
wirel?	ne Linca	Tated 5.56/ (enen	1Charns	<u></u>	Floot
Use	d custom	e plug				
<u> </u>	les Petrolaum			1	1	
9 47	IEr y Elipican	·····	····	Alim	Made	~
ACCOUNT	QUANITY or UNITS	DESCRIPTION	of SERVICES or PR	ODUCT		
CODE					IINIT DDICE	TOTAL
	1	DUMD CUMPOR		A 1.1	UNIT PRICE	TOTAL
5700(Eush		PUMP CHARGE		64	UNIT PRICE	TOTAL
5406	<u> </u>	MILEAGE	,	8 H. 8 H.	UNIT PRICE	TOTAL 1085.00 1260
5406 5402	30 893	MILEAGE Casing	estage	6 64- 666-	UNIT PRICE	TOTAL 1085 Q 126 Q
5406 5406 5402 5407	30 893 M:n	MILEAGE Casing f tha mile		B (4) B (4) 6 (6) 570		1085a 1260 3680
5406 5406 5407 5026	30 893 	MILEAGE Casing		644 844 644 570 370		1085a 1260 3680
406 402 502C	30 893 M:n	MILEAGE Casing f tha mile				1085a 1260 3680
124 1206 1402 1407 15026	30 893 	MILEAGE Casing f ten mile BD vac	3			1085a 1260 3680
5406 5402 5407 502C	125 30 893 2 125 310 #	MILEAGE Casing f ton mile BD vac 50150 cem	est			1085a 1260 3680
5406 1402 5407 502C	125 125 310 # 63#	MILEAGE Casing f ton mile BD vac 50150 cem	est			1085a 1260 3680
5406 5402 5407 502C	30 893 M:n 2 125 310 # 63 #	MILEAGE Casing f ten mile BD vac	est			1085a 1260 3680
5406 5402 5407 501C	30 893 M:n 2 125 310 # 63 #	MILEAGE Casing f ton mile BD vac 50150 cem	est			1085a 1260 3680
5406 7402 5407 502C 124 1188 1074	125 893 125 310 # 63 #	MILEAGE Casing f ton mile BD was SD15D cem gel Phenoseo	est .(370		1260 1260 368 180.02 180.02 1437.50 68.20 85.00
5406 402 5407 5026 124 118B 107A	125 30 893 2 125 310 # 63 #	MILEAGE Casing f ton mile BD was SD15D cem gel Phenoseo	est .(370 		1085 a (260 368 180.02 180.02 1437.50 68.20 85.00
5406 402 5407 5026 124 118B 107A	1 893 2 125 310 # 63 #	MILEAGE Casing f ton mile BD vac 50150 cem	est .(370 		1260 1260 368 180.02 180.02 1437.50 68.20 85.00
5406 7402 5407 502C 124 1188 1074	1 893 2 125 310 # 63 #	MILEAGE Casing f ton mile BD was SD15D cem gel Phenoseo	est .(370 		1260 1260 368 180.02 180.02 1437.50 68.20 85.00
5406 402 5407 502C 124 118B 107A	1 893 2 125 310 # 63 #	MILEAGE Casing f ton mile BD was SD15D cem gel Phenoseo	est .(370 		1260 1260 368 180.02 180.02 1437.50 68.20 85.00
5406 7402 5407 502C 124 1188 1074	1 893 2 125 310 # 63 #	MILEAGE Casing f ton mile BD was SD15D cem gel Phenoseo	est .(370 		1260 1260 368 180.02 180.02 1437.50 68.20 85.00
5406 5402 5407 501C	1 30 893 M:n 2 125 310 # 63 # 	MILEAGE Casing f ton mile BD was SD15D cem gel Phenoseo	est .(370 	SALES TAX	1260 1260 368 180.00 1437.50 68.20 85.00
5406 7402 5407 5026 124 1124 1188 107A	125 893 125 310 # 63 # 1	MILEAGE Casing f tea mile BD vac 50150 cem gel Phenoseo Weexend Si	est .(370 	SALES TAX	1260 1260 368 180.02 180.02 1437.50 68.20 85.00

account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.