Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1251131

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 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City:	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.xxxxxx)
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	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? Yes No
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)
Described	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Education of hala disposal in hauted offsite.
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	Countv: 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 Approved by: Date:				

1

1251131	

Operator Name:			_ Lease Name: _			Well #:		
Sec Twp	S. R [East West	County:					
INSTRUCTIONS: Show open and closed, flowin and flow rates if gas to s	g and shut-in pressur	es, whether shut-in pres	ssure reached stati	c level, hydrosta	tic pressures,			
Final Radioactivity Log, files must be submitted				gs must be ema	iled to kcc-we	ll-logs@kcc.ks.gov	v. Digital electronic log	
Drill Stem Tests Taken (Attach Additional Sh	eets)	Yes No			on (Top), Deptl		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:								
		OARINO I						
		CASING I Report all strings set-co			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 / SQL	JEEZE RECORD	<u> </u>			
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used		Type a	nd Percent Additives		
Perforate Protect Casing	Top Bottom							
Plug Back TD Plug Off Zone								
Did you perform a hydraulio	•		1050,000	Yes	=	, skip questions 2 an	d 3)	
Does the volume of the total Was the hydraulic fracturing	,	Ŭ.	, 0			, skip question 3) , fill out Page Three (of the ACO-1)	
Ohede Dev Feet	PERFORATION	I RECORD - Bridge Plugs	s Set/Type	Acid, Fra		nent Squeeze Record		
Shots Per Foot	Specify Foo	otage of Each Interval Perfo	rated (Amount and Kind of Material Used)		of Material Used)	Depth		
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes	No		
Date of First, Resumed Pr	roduction, SWD or ENHF	R. Producing Meth		Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil Bb	ls. Gas I	Mcf Wate	er B	bls.	Gas-Oil Ratio	Gravity	
DISPOSITION	NOF GAS:	M	ETHOD OF COMPLE	TION:		PRODUCTIO	ON INTERVAL:	
Vented Sold	Used on Lease	Open Hole	Perf. Dually	Comp. Cor	mmingled			
(If vented, Subm	nit ACO-18.)	Other (Specify)	(Submit)	-100-0) (Sub	mit ACO-4)			

Form	ACO1 - Well Completion
Operator	Source Energy MidCon LLC
Well Name	Miller 5-11-24
Doc ID	1251131

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	323	Class A	200	3% CC
Production	7.875	5.5	17	4036	Class A		6 lb NaCl, 5.5% Gypseal, 2% gel, 0.3% FL, 5 lb Kol- Seal, 0.125 lb Flo-Seal

ALLIED OIL & GAS SERVICES, LLC 0631

Federal Tax I.D. # 20-8651475 REMIT TO P.O. BOX 93999 SERVICE POINT: SOUTHLAKE, TEXAS 76092 Modicine knise i TWP. CALLED OUT ON LOCATION 7,30 Pm JOB START IOE FINISH COUNTY Summer LEASE Miller Wellington OCATION OLD OR(NEW)(Circle one) Summi CONTRACTOR OWNER TYPE OF JOB HOLE SIZE TD. CEMENT CASING SIZE DEPTH AMOUNT ORDERED 20 TUBING SIZE DEPTH DRILL PIPE DEPTH TOOL DEPTH PRES. MAX MINIMUM COMMON MEAS, LINE SHOE JOINT POZMIX CEMENT LEFT IN CSG. GEL. PERFS. CHLORIDE (ii) DISPLACEMENT **(2**) EQUIPMENT 4 Œ **@** PUMPTRUCK CEMENTER Roger Smill # 886/499 (2) HELPER Cov Park BULK TRUCK
#. SI 9/923 DRIVER
BULK TRUCK **@** @ **@** @ DRIVER HANDLING @ MILEAGE _ REMARKS: TOTE 30%=122845 SERVICE 322 DEPTH OF JOB PUMP TRUCK CHARGE SO MMILEAGE MANIFOLD Doyage miles! CHARGETO SOUPLE 4200,54 30% = 1210.25 ATOT STREET __ CITY ____STATE_ ZIP. PLUG & PLOAT EQUIPMENT @ 13100 @ 13100 131.00 4600 hae 300.00 @ 7<u>5</u>6 @ 320° To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment locu FL read and furnish cementer and helper(s) to assist owner or 30000 : 399.40 contractor to do work as is listed. The above work was 9080 87 done to satisfaction and supervision of owner agent or TOTAL contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side. SALES TAX (If Any) TOTAL CHARGES PRINTED NAME DISCOUN'L IF PAID IN 30 DAYS 6714.63 SIGNATURE "

ALLIED OIL & GAS SERVICES, LLC Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Great Brazil KS

,		******					
DATE 01-25-/5	SEC.	TWP. 32	RANGE O/	CALLED OUT	ON LOCATION	JOB START 12.00 Pm	JOB FINISH
LEASE Buller	Werr #	~	COCATION (C 14)	ے ہیں سے ع	1820 35	COUNTY	STATE
OLD OR NEW (Ci		<u> </u>	LOCATION LEALLY	gien s east	179 WOYTH	Swaver	185
OUN ON HATE (C)	ecie (me)		East into		****		
CONTRACTOR S	Campa H	-		OWNER			
TYPE OF JOB			· · · · · · · · · · · · · · · · · · ·	O FISHER		·	
HOLE SIZE 度7	7/3	TD	4026-41	CEMENT			
CASING SIZE 5			TH 4025.41		RDERED 325	eve clair	A abilit
TUBING SIZE	-Francisco		7TH	Special	Blend-6 1/20	-1- 5 (9)	0 1111111111111111111111111111111111111
DRILL PIPE	·		TH	Gol 3% DI	-160 5"/sc/61s	201 1/4 1/ p () (DYPSIALAZO
TOOL			TH	- Statement Black		200 1 2 200 1	
PRES. MAX	***************************************		IMUM	COMMON		<i>(</i> a)	
MEAS. LINE	***************************************		DE JOINT	POZMIY		&	t transfer a Lorenza L
CEMENT LEFT IN	ICSG. 4	2.41		GEL			
PERFS.		HD.5				_@	
DISPLACEMENT	92 41	RRIC	EVESL HZO	ASC		@	
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			o Eddy	" Part Survey & Florid	GORNET 46 POUND	F 8 3 20	111 00
# 597	HELPER	DOSA 1	2992	- Plased	40 Pounds	e 2.97	118.80
BULK TRUCK		÷		DU-lico	o RRIS	@ AS. 00	300-00
#69/739	DRIVER,	Kevis i	seiglous	· ·	1110		11.549.5
BULK TRUCK			,		925.32 912.56		3/2 2,464.8
#	DRIVER			- HANDLING	415.32	@ 2.48	1054.79
				MILEAGE _	917,56	2.75	2523.30
	REA	MARKS:					
SK Class a Alli	ed spec Displace Ps	1A1 Bles	8 Bellind . mix 32 d - Sllut Down 3BLS Fresh H2G . ISE Plug Hcld .	PUMPTRUC EXTRA FOC MILEAGE & MANIFOLD	CK CHARGE CTAGE Lenau So miles	@ @ <u>7.20</u>	385.00 275-00 270-00
				ALIAL LEMIN		@ <u></u>	<u> </u>
CHARGE TO: SO	aurce	ENE	<u>9 у</u>		***************************************		,
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To: Allied Oil &	Gre Sami	cec II/		12 Centro		@ 684.00	
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and furnish cemer							
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	-		of owner agent or			NO A	19/2 11/6/62
			nd the "GENERAL	マル1 50 7メン	(If Amu)		10 71550
TERMS AND CO	ONDITION:	MS" listed	on the reverse side	SALES TAX	(ii Ally)	. 4/19	
				TOTAL CHA	rges <u>/ 9. 75</u>	7. Y <u> </u>	***
ENGLES PROPERTY AND A COMM		. d P .	To and the	Jo.	% 5. 9 V	5, 43.	
PRINTED NAME.	ركريز	AN LOX	1000000	o 'PISCOUNT		IF PAI	ID IN 30 DAYS
			Jan Sarah		1291	< 98	
SIGNATURE	/ >		1/1/1/1	all trains	10.10	·	

HYDRAULIC FRACTURING FLUID PRODUCT COMPONENT INFORMATION DISCLOSURE

Last Fracture Date:	2/24/15	
County:	Sumner	
API Number (14 Digits):	15-191-22769-00-00	
Operator Name:	Source Energy MidCon LLC	
Well Name and Number:	Miller 5-11-24	
Latitude:	37.30111	
Longitude:	-97.347158	
Datum:	NAD27	
Production Type:	OIL	
True Vertical Depth (TVD):	3980	PBTD
Total Base Fluid Volume (gal)*:	579,600	



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number	Maximum Ingredient Concentration in Additive	Maximum Ingredient Concentration in HF Fluid	Authorized Representative's Name, Address and Phone Number
				(CAS#)	(% by mass)**	(% by mass)**	
ater	Operator	Carrier/Base Fluid	Water	7732-18-5	100.00%	95.60968%	
and (Proppant)	Basic Energy	Proppant	Silica Substrate	1408-60-7	100.00%	3.33649%	Basic Energy Service, PO Box 8613, Pratt, KS 67124, (620) 672-1201
R-7	Basic Energy	friction reducer	Cationic polymer	7647-14-5	75.00%	0.07869%	
lexaid 673	Basic Energy	Scale Inhibitor	Ethylene Glycol	107-21-1	100.00%	0.01215%	
xygen Scavenger	Basic Energy	Oygen Scavenger	Ammonium Bisulfate	32503-27-8	75.00%	0.03037%	
80 ME	Basic Energy	Surfactant	Ethoxylated alcohol	66455-15-0	25.00%	0.00607%	
laymax	Basic Energy	Clay Stabilizer	Choline chloride aqueous solution	67-48-1	70.00%	0.07065%	
Bio-7L	Basic Energy	Biocide	Glutaraldehyde	7173-51-5	100.00%	0.02405%	
Hydrochloric Acid 15%	Basic Energy	Acidizing	Hydrochloric Acid	7647-01-0	15.00%	0.02099%	
Rock Salt	Basic Energy	Diverter	Sodium Chloride	7647-14-5	100.00%	0.54561%	
Breaker 10L	Basic Energy	Gel Breaker	Ammonium Persulfate	7727-54-0	100.00%	0.00607%	
ProGel LG 200	Basic Energy	Gel	Guar gum	9000-30-0	75.00%	0.17654%	
ngredients shown above a	are subject to 29 CR	EF 1910 1200(i) and appear on Material S	afety Data Sheets (MSDS). Ingredients sh	nown below are I	Non-MSDS		
greaterits shown above t	1.0 54.5 0.0	15151250(i) and appear on material of	arety bata sheets (MSBS). Mg. carefies sh	Town select are t	ton moso.		
		esh water, produced water, and/or recycl					

^{*}Total Water Volume sources may include fresh water, produced water, and/or recycled water. **Information is based on the maximum potential for concentration and thus the total may be over 100%. Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers' Material Safety Data Sheets (MSDS).