Confidentiality Requested:

Yes No

### Kansas Corporation Commission Oil & Gas Conservation Division

1373116

Form ACO-1 November 2016 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.:
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City:	Feet from
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (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	Producing Formation:
☐ Gas ☐ DH ☐ EOR	Elevation: Ground: Kelly Bushing:
□ OG □ GSW	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 EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ 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:
EOR Permit #:	·
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec.         TwpS. 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 Drill Stem Tests Received					
Geologist Report / Mud Logs Received					
UIC Distribution					
ALT I II III Approved by: Date:					

Page Two

1373116

137311

Operator Name:				Lease Nar	ne:			Well #:			
Sec Twp	S. R	East	West	County: _							
INSTRUCTIONS: Show open and closed, flowing and flow rates if gas to string Radioactivity Log,	g and shut-in press surface test, along v Final Logs run to o	ures, whe with final c btain Geop	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if and Final Elect	d static more s tric Log	level, hydrostat space is needed	tic pressures, bo d.	ottom hole tempe	erature, fluid recovery,		
files must be submitted	in LAS version 2.0	or newer A	ND an image	file (TIFF or PI	DF).						
Drill Stem Tests Taken (Attach Additional Sh	eets)	Ye	es No		Log Formation (Top), Depth and Datum				Sample		
Samples Sent to Geolog	gical Survey	Ye	es No		Name			Тор	Datum		
TCores aken											
			CASING	RECORD [	Nov	y Uland					
		Repo			Nev ce, inter	v Used mediate, producti	on, etc.				
Purpose of String	Size Hole Drilled		e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		
			ADDITIONAL	CEMENTING	/ SQUI	EEZE RECORD	I				
Purpose: Perforate Protect Casing Plug Back TD	Depth Top Bottom	Туре	of Cement	# Sacks Us	ed		Type and	Percent Additives			
Plug Off Zone											
Did you perform a hydra     Does the volume of the     Was the hydraulic fractu	total base fluid of the l	nydraulic fra	cturing treatmen		•	Yes Service Yes Yes	No (If No, s	kip questions 2 an kip question 3) Il out Page Three o	,		
Date of first Production/Inj Injection:	ection or Resumed Pro	oduction/	Producing Met	hod:  Pumping		Gas Lift 0	other <i>(Explain)</i>				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate		ols.	Gas-Oil Ratio	Gravity		
DISPOSITION OF GAS: METI					OMPLE"			PRODUCTIC Top	N INTERVAL: Bottom		
Vented Sold (If vented, Subm	Used on Lease		pen Hole		Dually Submit	. —	nmingled mit ACO-4)				
	foration Perfora		Bridge Plug	Bridge Plug		Acid,		ementing Squeeze	Record		
Foot	Top Botto	om	Type	Set At			(Amount and Kir	nd of Material Used)			
TUBING RECORD:	Size:	Set At:		Packer At:							

Form	ACO1 - Well Completion
Operator	Ace Energy LLC
Well Name	MULLEN 14
Doc ID	1373116

## 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	25	21	Regualr	8	0
Production	6.75	4.5	17	286	Regular	30	



250 N. Water, Ste 200 - Wichita, Ks 67202

## **HURRICANE SERVICES INC**

104 Prairie Plaza Parkway - Garnett, Ks 66032

			DAGEV.		Tigket No.1		5099	2
Customer	ACE ENERGY	Customer Name:	CASEY			0145/0045		
		Contractor:			Date:	6/15/2017		
Address:			LONGSTRING & PLUG		Well Type:	: OIL		
City, State, Zip:		Job type	LONGOTTAN		Twp:		R:	
	MADISON, KANSAS	Woll Details:						
		Well Locations	ST. PAUL	County:	CRAWFORD	State;	K	ANSAS
Vell name & No.	MULLEN # 20,12,13,14 NEW			ED			AM PM	TIME
quipment#	Driver		TRUCK CALL				AM PM	
30	JAKE AND TC			ARRIVED AT JUB				
201	KEVIN	KEVIN		START OPERATION			AM MA	
	JESSE		FINISH OPERATION				PM AM	
202			RELEASED				PM	
110	PETE	MILES FROM STATION TO WELL				90		
				Control of the Control of				

MULLEN 20 42 SACKS DISPLACE 5.8 BBL MULLEN 12 33 SACKS DISPLACE 4.2 BBL MULLEN 13 45 SACKS DISPLACE 5.8 BBL MULLEN 14 35 SACKS DISPLACE 4.2 BBL PLUGGED H 62 WITH 5 SACKS CEMENT TO SURFACE AND TOPPED OFF PLUGGED WITH 40 SACKS AND DIDN'T CIRCULATE WILL COME BACK AT A LATER DATE TOP OFF AND PLUG ADDITIONAL WELLS

-Product/Services		Unit of	and the second	pricertifich	GIC.		i Nevi Amerika
direction of the second	LIDES CHANGIN		Shittell	TO THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS	\$292.50		\$292.50
C001	Heavy Equip. One Way	mi	90.00	\$3.25	\$135.00		 \$135.00
C002	Light Equip. One Way	<u>mi</u>	90.00	\$1.50			 \$1,053.00
C003	Ton Mileage - One way	<u>mi</u>	810.00	\$1.30	\$1,053.00		 \$100.00
C007	1 Inch Swivel and Hose	job	2.00	\$50.00	\$100.00		 \$2,160.00
C020	Cement Pump	ea	4.00	\$675.00	\$2,700.00		 \$640.00
A002	Pump Truck Group Well Additional Well(s)	ea	2.00	\$400.00	\$800.00		 
CP008	70/30 Pozmix Cement	sack	200.00	\$13.70	\$2,740.00		 \$2,192.00
CP008	Bentonite Gel	lb	350.00	\$0.30	\$105.00		 \$84.00
	FLO-Seal	lb	50.00	\$2.15	\$107.50		 \$86.00
CP017	Rubber Plug 4 1/2	ea	4.00	\$48.00	\$192.00		 \$153.60
CP039	Bentonite Gel	lb	800.00	\$0.30	\$240.00		\$192.00
CP013	Vacuum Truck 80 bbl	hr	8.00	\$84.00	\$672.00		 \$672.00
T003	Vacuum muck oo oo:						
<b></b>	-						
		Company has a company					
<b> </b>							
			7.	<b>†</b>			 
			<del></del>	<u> </u>			 
				łi			
				<del> </del>			 
	advance unless Hurricane Services Inc. (HSI) has approved credit prior to		L.,	Gross:	\$ 9,137.00	Net:	\$ 7,760.10
	sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts may pay interest on the balance past due at the rate		Taxable	s -	Tay Rate:		

of 1 1/4% per month or the maximum allowable by applicable state or federal laws if such laws limit interest to a lesser amount. In the event it is necessary to employ an agency and/or attorney to affect the collection of sald account, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any and all discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount will become immediately due and subject to collection, Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Discount rate is based on 30 days net payment

DISCLAIMER NOTICE:

This technical data is presented in good faith, but no warranty is given by and H.S.I assumes no liability for advice or recommendations made concerning results to be obtained from the use of any product or service. The information presented is HSI best estimate of the actual results that may be achieved and should be used for comparison purposes and make no guarantee of future production performance. Customer warrants that well and all associated equipment in acceptable condition to receive services by H.S.I. Likewise, the customer will guarantee proper operational care of all customer owned production and associated equipment, while H.S.I. is on location performing services which could adversely affect the performance of such services. Authorization below acknowledges receipt and acceptance of all terms and conditions stated

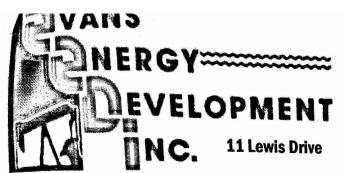
CUSTOMER AUTHORIZED AGENT

Total Taxable Tax Rate: Frac and Acid service treatments designed with intent to Sale Tax: increase production on newly drilled or existing wells are not taxable. Total: \$ 7,760.10 6/15/2017

Date of Service: JAKE HEARD HSI Representative:

**Customer Comments:** 





Oil & Gas Well Drilling Water Wells Geo-Loop Installation

Phone: 913-557-9083

Fax: 913-557-9084

Paola, KS 66071

**WELL LOG** 

Ace Energy LLC Mullen #14 API #15-037-22,342 June 12 - June 13, 2017

Thickness of Strata	<b>Formation</b>	<u>Total</u>
9	soil & clay	9
6	lime	15
8	shale	23
13	lime	36
9	shale	45
2	lime	47
83	shale	130
1	coal	131
14	shale	145
2	lime	147
6	shale	153
1	coal	154
8	shale	162
1	coal	163
9	shale	172
2	coal	174
33	shale	207
2	oil sand	209 brown, 100% bleeding
1	shale	210
23	oil sand	233
57	shale	290
1	coal	291
9	shale	300 TD

Drilled a 12 1/4" hole to 21.6' Drilled a 6 3/4" hole to 300'

Set 21.6' of 8 5/8" surface casing cemented with 8 sacks of cement.

Set 265' of 4 1/2" with 2 centralizers, 1 float shoe, 1 clamp.

Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Pat Apple, Chairman Shari Feist Albrecht, Commissioner Jay Scott Emler, Commissioner

December 06, 2017

Jonathan Freiden Ace Energy LLC 11704 ABERDEEN RD LEAWOOD, KS 66211

Re: ACO-1 API 15-037-22342-00-00 MULLEN 14 NE/4 Sec.01-31S-21E Crawford County, Kansas

Dear Jonathan Freiden:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 06/12/2017 and the ACO-1 was received on December 05, 2017 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

**Production Department**