KOLAR Document ID: 1615220

Confidentiality Requested:

Yes No

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

Form ACO-1
January 2018
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 East _ West
Address 2:	Feet from  North / South Line of Section
City: State: Zip:+	Feet from
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	County:
Purchaser:	·
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
☐ Oil     ☐ WSW     ☐ SWD       ☐ Gas     ☐ DH     ☐ EOR       ☐ OG     ☐ GSW	Producing Formation: Kelly Bushing:   Elevation: Ground: Kelly Bushing:   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         □ Plug Back       □ Liner       □ Conv. to GSW       □ Conv. to Producer	Drilling Fluid Management Plan (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:
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 Approved by: Date:							

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#### Page Two

Operator Name: _				Lease Name:			Well #:	
SecTwp.	S. R.	Ea	ast West	County:				
	flowing and shu	ıt-in pressures, w	hether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.go\	. Digital electronic log
Drill Stem Tests Ta			Yes No		_	on (Top), Depth ar		Sample
Samples Sent to G	Geological Surv	ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		R			New Used	on, etc.		
Purpose of Strir		Hole	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / S	QUEEZE RECORD	I		
Purpose:		epth Ty	Type of Cement # Sacks Used Type and Percent Additives					
Protect Casi								
Plug Off Zon								
<ol> <li>Did you perform a</li> <li>Does the volume o</li> <li>Was the hydraulic</li> </ol>	of the total base f	luid of the hydraulic	fracturing treatment	_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three (	,
Date of first Producti Injection:	ion/Injection or Re	esumed Production	/ Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			N INTERVAL: Bottom
	_	on Lease	Open Hole			mmingled mit ACO-4)	Тор	Bottom
,	, Submit ACO-18.)				· · · · · · · · · · · · · · · · · · ·			
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid	Fracture, Shot, Cer (Amount and Kind	menting Squeeze  I of Material Used)	Record
TUBING RECORD:	Size:	Set /	At:	Packer At:				
. 5213 (1200) 10.	JIEG.			. 30.0.71				

Form	ACO1 - Well Completion
Operator	Somerset Energy Enterprises, LLC
Well Name	KERN 17
Doc ID	1615220

#### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	9.875	7	21	20	Portland	3	NA
Production	5.625	2.875	6.5	745	Econoblen d	89	See Ticket

### **Short Cuts**

**TANK CAPACITY** 

BBLS. (42 gal.) equals D<sup>2</sup>x.14xh D equals diameter in feet. h equals height in feet.

BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals BPH x PSI x .0004
BPH - barrels per hour
PSI - pounds square inch

#### TO FIGURE PUMP DRIVES

- \* D Diameter of Pump Sheave
- \* d Diameter of Engine Sheave
- SPM Strokes per minute
- RPM Engine Speed
- R Gear Box Ratio
- \*C Shaft Center Distance
- D RPMxd over SPMxR
- d SPMxRxD over RPM
- SPM RPMXD over RxD
- R RPMXD over SPMxD

BELT LENGTH - 2C + 1.57(D + d) +  $\frac{(D-d)^2}{4C}$ 

\* Need these to figure belt length

WATTS \_ AMD

TO FIGURE AMPS:

VOLTS ~ '

746 WATTS equal 1 HP

## Log Book

Well No. / /	·	· · · · · · · · · · · · · · · · · · ·
Farm Ke	<u> </u>	<del> </del>
KS	: . /	Miani
(State)		(County)
_/8	<i>1</i> <u>C</u> e	24
(Section)	(Township)	(Range)
	_	_

For Somerset Energy Enterprises LLI
(Well Owner)

15-121 -3/669

# Town Oilfield Services, Inc.

1207 N. 1st East Louisburg, KS 66053 913-710-5400

	Cera Farm:	Miami Coun		C	ASING A	ND TUBING	MEAS	UREMENT	ʻs
	State; Well No.	1/	—	Feet	ln,	Feet	T. 1	ı	<del></del>
Ele	evation 1059	. / - 62	- :	712			ln.	Feet	In.
Co	ommenced Spuding	1/28 20 20	<u> </u>	-110		DEIL	19		
Fir	nished Drilling /	$-3/_{20}$	3	745	+ H	100		7/	/
Dr	iller's Name Wes M	4 Dallord	_		<del>  •</del>	20-21		2 /	*
Dŗi	iller's Name Pys	n Ward	_	760	17				<del></del>
	ller's Name		<del>-</del>			-			
To	ol Dresser's Name	are wand	-					<del></del>	
To	ol Dresser's Name								
Too	ol Dresser's Name	-							
Co	ntractor's Name	CONSTRUCTION							
	. 18 16	24							
	(Section) (Towns								
Dist	ance fromSII	<sub>1e,</sub> <u>1893</u> ft.					_  -	<u></u>	
Dist	ance fromEli	10, 2166 tt.				· · · · · · · · · · · · · · · · · · ·	-		<u> </u>
	3 sacks cem		-				∦		
9	hrs	274 casing	· <u>-</u>				-		<del></del>
	5/8 boschole		٠ –		-		-∦-		
Ų	12 DOJENOIC	_					╢		
	CASING AND	TUBING			<del>  -</del>	<del> : </del>			
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10"	Set 10	" Pulled			$-\parallel$		_  -	-+	
7"8"	$O_{\Delta}^{\prime}$	" Pulled	(						
		%" Pulled							
		" Pulled							
		" Pulled				-1-			
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Thickness of	Formation	Total	***
Strata O- 2	<u> </u>	Depth 2	Remarks
<del></del>	5051	<u> </u>	
5	Line	1 /	
1.5	Shake	<u> 20</u>	
8_	Squely Shalt	28	
_/7	Lime	45	
70	Shale	115	
19	Lime	134	
_//	Shale	145	
10	Lime	155	
34	Shale	189	Some Sind - no Dil
4	Lime	193	- Some Sine - No Oi
39	54218	232	The second secon
9	Line	241	
17	Shall	258	
25	Lime	283	
7	Shale	290	
20	Lime	3/0	_
3	Shale	3/3	
3	Lime	314	·
2	Shale	318	
/3	Line	331	Hertha
195	Shale	526	
10	Lime	536	
$-\varphi$	Shale	542	
7	Lime	549	
ઇ	Siv	<i>5</i> 57	adoc- no 0.7 Show
10	Shale	567	715 01 0100

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Trickness of Formation Depth Remarks  Y Lime 577  9 Shale 580  Q Lime 580  Q Lime 690  1/4 Shale 61/6  Co Lime 632  8 Shale 640  4 Lime 632  8 Shale 640  4 Lime 642  5 Shale 640  4 Lime 643  5 Shale 640  4 Lime 643  5 Shale 640  4 Lime 643  5 Shale 640  5 Shale 643  5 Shale 643  5 Shale 643  5 Shale 643  6 Shale 647  6 Shale 647			567	•
4 Lime 571 9 Shale 580 9 Lime 589 2 Shale 591 9 Lime 600 1/6 Shale 616 6 Lime 622 8 Shale 640 4 Lime 640 4 Lime 644 30 Shale 640 4 Lime 644 30 Shale 643 70 Sanel 643 5010- Good Saturation 63 Shale 697 63 Shale 700 TD	Thickness o Strata	f Formation	Total	· · · · · · · · · · · · · · · · · · ·
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G Lime G32  3 Shale G40  4 Lime G44  30 Shale G43 50/id- good Saturation  14 Sandy Shale G97  G3 Shale TD	16	21	1 11	
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EMEN	TTRE	ATMEN	IT REPO	ORT							
Cus	stomer:	TDR Co	nstructio	on	Well:	Kern 1		Ticket:	EP3789		
City,	, State:	Louisb	urg, KS		County:	<del></del>	MI, KS Date:				
		Lance 1			S-T-R:	1/31/2022 longstring					
				<del></del>		18-16-3		Service:	iongstring		
Dov	vnhote	Informati	on		Calculated Si	urry - Lead		Calcu	lated Slurry - Tall		
	le Size:		3 in		Blend:	Econobond		Blend:			
	Depth:				Weight:	13.65 ppg		Weight:	PP9		
Casing Casing	g Size:	2 7/6			Water / Sx:	7.12 gal / sx		Water / Sx;	gal / sx		
Fubing /		743	in		Yield:	1.56 ft <sup>3</sup> / sx		Yield:	ft <sup>3</sup> / sx		
	Depth:		#t		Annular Bbls / Ft.:	bbs / ft.	Ann	alar Bbls / Et.:	bbs / ft.		
Tool / P	acker:	bat			Depth: Annutar Volume:	0.0 bbis	0.50	Depth: nula: Valume;	ft		
Tool	Depth:	711	ft		Excess:	0.0 0.018	An	Excess:	0 bbis		
Displace	ement:	4.12	bbis		Total Slurry:	24.72 bbis		Total Slurry:	G.O bbls		
			STAGE	TOTAL	Total Sacks:	89 ax		Total Sacks:	0 sx		
TIME	RATE	PSI	BBLs	BBLs	REMARKS						
3:30 PM	-		<del>  •  </del>	•	on location, held safety r	neeting	<del></del>				
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	4.0		1 1		established circulation	Manufacture de La Colonia de L			<del></del>		
	4.0			<del>.</del>		Bentonite Gel followed by s Econobond cement, cem					
	4.0	-			flushed pump clean	s Econopono Cament, Cam	ant to surrace		<del></del>		
	1.0					ig to baffle with 4.12 bbis fr	esh water				
	1.0				pressured to 800 PSI, we						
				-	released pressure to set	float valve					
	4.0			<u> </u>	washed up equipment	· · · · · · · · · · · · · · · · · · ·					
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		CREW			UNIT			SUMMARY			
Cem	enter:		y Kennedy		89	Average Ra	te Averag	e Pressure	Total Fluid		
ութ Օքս	ratori	Nick I			239	3.1 bpm		psi	- bbls		
	Bulk:		Katzer		248		* <u>-</u>	····	·		
	H2O:	Kelth	Detwiler		110						

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



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

Laura Kelly, Governor

Dwight D. Keen, Chair Susan K. Duffy, Commissioner Andrew J. French, Commissioner

July 15, 2022

William Meiger Somerset Energy Enterprises, LLC 1245 CALYPSO COURT ASHLAND, OR 97520-1594

Re: ACO-1 API 15-121-31669-00-00 KERN 17 SE/4 Sec.18-16S-24E Miami County, Kansas

Dear William Meiger:

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 01/28/2022 and the ACO-1 was received on July 14, 2022 (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**