

С	onfiden	tiality Reque	ested:
	Yes	No	

### Kansas Corporation Commission Oil & Gas Conservation Division

1209584

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:			Sec	TwpS. R	West
Address 2:			Feet	from North / South Line o	f Section
City: Sta	ate: Zip	D:+	Feet	from East / West Line o	f Section
Contact Person:			Footages Calculated from Ne	arest Outside Section Corner:	
Phone: ()			□ NE □ NW	□SE □SW	
CONTRACTOR: License #			GPS Location: Lat:	, Long:	
Name:				(e.gxxx.xx)	xxx)
Wellsite Geologist:			Datum: NAD27 N		
Purchaser:			County:		
Designate Type of Completion:			Lease Name:	Well #:	
New Well Re-	Entry	Workover	Field Name:		
	_		Producing Formation:		
☐ Oil ☐ WSW	SWD	SIOW	Elevation: Ground:	Kelly Bushing:	
☐ Gas ☐ D&A ☐ OG	☐ ENHR	☐ SIGW☐ Temp. Abd.	Total Vertical Depth:	Plug Back Total Depth:	
CM (Coal Bed Methane)	G3W	Temp. Abd.	Amount of Surface Pipe Set a	and Cemented at:	Feet
Cathodic Other (Core	Expl etc.)		Multiple Stage Cementing Co		
If Workover/Re-entry: Old Well Info					Feet
Operator:				nent circulated from:	
Well Name:			,	w/	sx cmt
Original Comp. Date:			loot doparto.		_ 0x 01111
<u> </u>	_	NHR Conv. to SWD			
Deepening Re-perf. Plug Back	Conv. to GS		Drilling Fluid Management I (Data must be collected from the		
Commingled	Permit #:		Chloride content:	ppm Fluid volume:	bbls
Dual Completion	Permit #:		Dewatering method used:		
SWD	Permit #:		Location of fluid disposal if ha	uled offsite:	
ENHR	Permit #:		On a water Manage		
GSW	Permit #:			L'annua II	
				License #:	
Spud Date or Date Rea	ched TD	Completion Date or		TwpS. R	
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** 

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 and flow rates if gas t	ving and shut-in presson surface test, along w	formations penetrated. I ures, whether shut-in pro vith final chart(s). Attach	essure reached stati n extra sheet if more	c level, hydrosta space is neede	itic pressures, bott d.	tom hole tempe	erature, fluid r	recovery,	
		otain Geophysical Data a or newer AND an image		egs must be ema	ailed to kcc-well-lo	gs@kcc.ks.gov	v. Digital elec	tronic log	
Drill Stem Tests Taken (Attach Additional	•	Yes No		_	on (Top), Depth ar		Samp		
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	e		Тор	Datur	m	
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No							
List All E. Logs Run:									
		CASING	RECORD Ne	ew Used					
		Report all strings set-	conductor, surface, inte	ermediate, product	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 P Additiv		
		ADDITIONAL	OFMENTING / OOL						
Purpose:	Depth		CEMENTING / SQL	JEEZE RECORD		araant Additiraa			
Perforate	Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives					
Protect Casing Plug Back TD									
Plug Off Zone									
Did you perform a hydra	ulic fracturing treatment o	on this well?		Yes	No (If No, ski	p questions 2 ar	nd 3)		
	=	raulic fracturing treatment ex	xceed 350,000 gallons		= ' '	p question 3)	,		
Was the hydraulic fractu	ring treatment information	n submitted to the chemical	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)		
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per			cture, Shot, Cement			Depth	
	Сроспу Г	octago of Laon morvari of	ioratou	(>1		<u> Борин</u>			
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No				
Date of First, Resumed	Production, SWD or EN				21				
Fotimeted Day 1 . C	0" -	Flowing			Other (Explain)	) O" D "			
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wate	er B	bls. G	Gas-Oil Ratio	Gr 	ravity	
DISPOSITI	ON OF GAS:	1	METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:		
Vented Sold		Open Hole	Perf. Dually	Comp. Con	mmingled				
	bmit ACO-18.)	Other (Specify)	(Submit )	ACO-5) (Sub	omit ACO-4)		-		

Form	ACO1 - Well Completion
Operator	Linn Operating, Inc.
Well Name	MAY BEATY D-4 ATU-342
Doc ID	1209584

## Tops

Name	Тор	Datum
KRIDER	2342	KB
WINFIELD	2375	KB
TOWANDA	2439	KB
FT_RILEY	2477	KB
FUNSTON	2608	KB
CROUSE	2656	KB
MORRILL	2746	KB
GRENOLA	2792	KB

Form	ACO1 - Well Completion
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## 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	24	604	Premium Plus Class C	390	
PRODUC TION	7.875	5.50	15.50	3133	O-Tex Low Dense	440	

	OB SUM	MARY	-	TN# 55		TICKET DATE	4/40/204		
LOCATI I	COMPANY	MAIN	CUSTOMER REP		4/10/2014				
Kearny	Linn Energy			Weldon					
May Beaty D4 ATU 342	Surface	-12000		Bryon Ha	ckett				
EMP NAME	5%-				- 6				
Bryon Hackett									
Steve Crocker Robert Buckman									
Robert Buckman									
Form, Name Chase Council Grove Type			·			<u> </u>			
type		Called	d Out	On Locatio	n lin	Started	Llob C	ompleted	
Packer TypeSet A		Date 0	3/09/14	03/09/	14	03/09/14	03	3/09/14	
Bottom Hole Temp. Press Retainer Depth Total	ore Depth	Time 1	130	4900		0055		.	
Tools and Accessor		Tilling	130	1800 Well D	eta	2355	5(	,	
Type and Size Qty	Make		New/Used	Weight		From	To	Max. Allow	
Auto Fill Tube 1	<u>IR</u>	Casing	New	24#	8 5/8" .4	KB	604	1500	
Insert Float Valve 1 Centralizers 5	IR IR	Liner	<del> </del>						
Top Plug 1	IR IR	Liner Tubing							
HEAD 1	IR	Dritt Pipe			-			<del> </del>	
Limit clamp 1	IR	Open Hole						Shots/Ft.	
Weld-A 2 Texas Pattern Guide Shoe 1	IR IR	Perforations							
Cement Basket 0	IR IR	Perforations Perforations		-				- 0	
		Hours On Loc		Operating	Hours	Descrip	tion of Job	<del></del>	
Mud Type 0 Density Disp. Fluid H20 Density Spacer type H20 BBL 10 Spacer type Gal. Acid Type Gal. Surfactant Gal. NE Agent Gal. Fluid Loss Gal/Lb Gelling Agent Gal/Lb MISC Gal/Lb	0 Lb/Gal 8.33 Lb/Gal	Date 03/09/14	Hours	Date 03/09/14	Hours	Surface			
Spacer type H20 BBL, 10	0.33 FD/Gal	03/09/14	7.0	03/09/14	1.0				
Spacer type BBL.						Cement	to surface:	5 BBLS	
Acid TypeGal, Acid Type Gal,	_%					or 22 S	(S		
Surfactant Gal.	%	<b> </b>				Top of (	ement:	0'	
NE Agent Gal.	_ '''					1000.	**********		
Fluid Loss Gal/Lb Gal/Lb	_in								
Fric. Red. Gal/Lb	_in								
MISC. Gal/Lb	in	Total	7.0	Total	1.0	l			
Peripac BallsQty.									
Other Qty.		MAX	900	Pre AVG.	ssures 100			7	
Other			300	Average F	₹ates in Bi	M			
Other		MAX	3	AVG	3				
Other		Feet 44			Left in Pip		Ton al.		
Out of		Leer 44		Reason		Shoe	Irack		
		Сетелі	Data					- 1	
Stage Sacks Cement		Additives				W/Rq	Yield	Lbs/Gal	
1 390 Premium Plus Class C 2 0 0						6.34	1.32	14.8	
3	Take all Float eugi	h iot uext lop				0	0	0	
4		<del></del>					-	<del> </del>	
Preflush Type:		Summary				-			
Breakdown Type:	MUM		ellush: ad & Bkdn:	BBI [	10.00	Type: Pad:Bb		20	
Lost F	Returns-1		cess /Return		5	Caic,Di	so Bbl		
	TOC		alc. TOC:	0.0	0	Actual (	Disp.	0.00	
ISIP 5 Min 10 Mi			eatment: ement Slurry	Gal - BBI	92.0	Disp:Bb	H		
			tal Volume	BBI	102.00				
		_	I						
CUSTOMER REPRESENTATI	VE								
				SIGNATURE					
						For Usi			
				0	- TEX	Pumping	7		

		IOD OU				PROJECTIO	WHEN THE PERSON	-	TRUCKET BATE		
COUNTY	-	JOB SUF		Y		TN# 5				3/11/20	114
Kearny		No. DOBTYPE	<u> </u>			Weldor	er Higgir	16	1/100		
May Beaty	D4 ATU 342	Production	77.75		100 - 100	Weldor	ME.	19			
EMP NAME	4,1248. 19					Bryon	tackett				
Bryon Hackett Steve Crocker				T				1			
Reggie								+-		7	
	-							1-1		1	
Form. Name Hypoton Pr	notes Typ	96'									
		·		Call	ed Out	10-1					
Packer Type Bottom Hole Temp.	Set		Date	Call	03/10/14	On Locati 03/1	0n 1/14	Pop	Started 03/11/14	Job (	Completed 03/11/14
Retainer Depth		ssure al Depth	-   <sub></sub>		0000	1		1	00/11/14		03/11/14
Tools a	nd Accesso	ries	Time		2230	815	D-1-	<u> </u>	1319		1457
Type and Size  Auto Fill Tube	Qtv	Make			New/Used	Weight		rade	Erom I		104
nsert Float Valve	1 1	IR	Casing		New	15.5	51/2	)=i	From KB	To 3133	Max. Alloy 2500
Centralizers	26	IR IR	Liner							0.00	2500
Top Plug	1	IR	Liner Tubing		+			$\Box$			
-IEAD -imit clamp	1	IR	Drill Pip	e			<del> </del>	-+			+
Veld-A	1 2	R	Open H	ole				-+	<del></del>		Shots/Ft
Suide Shoe	1 7 1	IR IR	Perforat Perforat								SHO(S/F)
ement Basket	0	iR	Perforat	ons				$\neg$			
Aud Type Way	eriais Density	8.8 Lb/Gall	Hours C	n Lo		Operating	Hours		Descript	ion of lat	
isp. Fluid H20	Density	8.33 Lb/Gal	Date 03/11/1	4	Hours 7.5	Date 03/11/14	Hours		Producti		
pacer type iodSilcH2tB				<del>-</del>  -	7.5	03/11/14	1.5		110000	VII.	
	BL al.	- <sub>%</sub>						$\dashv$	Cement i	o Surface	e: 40bbls
cid TypeG	al.	_%	<b>—</b>	-		103		$\exists$	or 100 sh		<u> 400013</u>
urfactant G E Agent G	al	_In		土				$\dashv$	Top of Co	a de la contra	0'
uid Loss	al/Lb	_ln		4-	42			_	TOP OF CE	austif:	0
elting AgentG	al/Lb	_in		╁				コ			
	el/Lb	_in			}			-			
		_ln	Total		7.5	Total	1.5	_			
erfpac Balls	Qty.			_		Dro	ssures				
her			MAX		1200	AVG	100	E			
her			MAX		3	Average R	ates in B	PM			
herher			TVIE A		3	AVG Cement I	3				
rier			Feel 4			Reason	.eit in Pij	pe 	Shoe Tr	ack	
age Sacks Cem			Cen	ent (	Data						
age Sacks Cem 1 440 O-TEX Los		24.0	Arklitives						W/Rq.	Yield	Lbs/Gal
2 0 0	W OCHSE	2% Gyp; 2% Calcium Ch Bring back all equ	ionae; 2% C-45; 6	4% C	15; 0.4% C-41P; 0.2	% C-61 0.25 LB!	VSK Cellofts	ke	13.29	2.25	11.5
3		Take 10 gals Clay	Max						0	0	0
										<del>                                     </del>	
									-		
flush	Туре:		Summ		milion .						
akdown	MAXIN			_ Pre Loa	flush: E d & Bkdn: G	BI E	20.00	-	Type:	SodSile	cH20
	Lost R Actual	eturns-N	0	_Exc	ess /Return E	BI DOI	40		Pad:Bbl -G Calc Disp		
rage	Frac. G	radient		Cak	c TOC atment: G	al pp. –	0		Actual Dist		73.00
5 Min	10 Min	15 Mir	11	Cen	nent Slurry: B	al-BBI	176.0		Disp Bbl		
						BI	269.00				
		. 1	31, /	_							
CUSTOMER REPRES	SENTATIV	E Well	- H								
			11055	<u> </u>	SIC	NATURE					
						Than	k You	Fo	r Usina		
						0 -	TEY	Pii	nping		
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