

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1218199

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					
City: State: Zip:+	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.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:					
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows:	Producing Formation: Elevation: Ground: Kelly Bushing: Feet Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No 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 Plug Back Conv. to GSW Conv. to Producer Commingled Permit #: Dual Completion Permit #: SWD Permit #:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite:					
☐ ENHR Permit #: ☐ GSW Permit #:	Operator Name:					
	Lease Name: License #:					
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	Quarter Sec. Twp. S. 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							
Geologist Report Received							
UIC Distribution							
ALT I II III Approved by: Date:							

1218199

Operator Name:			Lease Name:			Well #:			
Sec Twp	S. R	East West	County:						
open and closed, flow	ring and shut-in pressu	ormations penetrated. Dres, whether shut-in pre	ssure reached stati	c level, hydrosta	tic pressures, bott				
		tain Geophysical Data a r newer AND an image f		gs must be ema	iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log		
Drill Stem Tests Taker (Attach Additional		Yes No			on (Top), Depth an		Sample		
Samples Sent to Geo	logical Survey	Yes No	Nam	Э		Тор	Datum		
Cores Taken Electric Log Run		Yes No							
List All E. Logs Run:									
		0.0000							
		CASING Report all strings set-o	RECORD Ne conductor, surface, inte		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 Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives					
Perforate Protect Casing									
Plug Back TD Plug Off Zone									
Did you perform a hydrau	ulic fracturing treatment or	n this well?		Yes	No (If No, ski	o questions 2 an	nd 3)		
	· ·	aulic fracturing treatment ex	_			o question 3)	of the ACO 1)		
was the hydraulic fractur	ring treatment information	submitted to the chemical of	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)		
Shots Per Foot		N RECORD - Bridge Plug potage of Each Interval Perf			cture, Shot, Cement mount and Kind of Ma		d Depth		
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No				
Date of First, Resumed	Production, SWD or ENH	R. Producing Meth		Gas Lift C	Other <i>(Explain)</i>				
Estimated Production Per 24 Hours	Oil B		Mcf Wate			ias-Oil Ratio	Gravity		
DISPOSITIO	ON OF GAS:	, and a second	METHOD OF COMPLE	TION		PRODI ICTIC	ON INTERVAL:		
Vented Solo		Open Hole	Perf. Dually	Comp. Cor	nmingled	THODOUTIC	ZIN IINI ELIVAE.		
	bmit ACO-18.)	Other (Specify)	(Submit A		mit ACO-4)				

Form	ACO1 - Well Completion
Operator	Linn Operating, Inc.
Well Name	FARM MORTGAGE A-4 ATU-214
Doc ID	1218199

Tops

Name	Тор	Datum
KRIDER	2361	KB
WINFIELD	2405	KB
TOWANDA	2472	KB
FT_RILEY	2523	КВ
FUNSTON	2651	KB
CROUSE	2705	KB
MORRILL	2785	КВ
GRENOLA	2827	KB

Form	ACO1 - Well Completion
Operator	Linn Operating, Inc.
Well Name	FARM MORTGAGE A-4 ATU-214
Doc ID	1218199

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
SURFACE	12.25	8.625	24	728	Premuim Class C	455	
PRODUC TION	7.875	5.50	15.50	3111	O-Tex LowDense	435	

						PROJECT NOVE	ER	TILLETURIE			
I	J	OB SUM	JMMARY			TN# 803		5/26/2014			
Ctouton		COMPANY .		CUSTOMER REP							
Stanton Lease name	Well No	Linn Energy			Weldon Higgins						
Farm Mortgage A		0				Bryon Ha					
EMP NAME			Control Control	- K							
Bryon Hackett				T				T			
Miguel Murgado											
David Mitchell							- 1				
Justin Adams						-					
Form, Name Chase-Council	Good Type:	6									
				Calle	ed Out	On Location	on Jo	b Started	Job C	ompleted	
Packer Type	Set A		Date		05/26/14	05/26	/14	05/26/14	1 0	5/26/14	
Bottom Hole Temp. Retainer Depth	Press	Depth	Time		1200	1715	- 1	2155	و ا	258	
	d Accessori	Depth	Time		1200	Well I	nata	2100	- 4	250	
Type and Size	I Otv I	Make			New/Used	Weight		e From	To	Max. Allow	
Auto Fill Tube	11	IŘ	Casing		New	24	8.625		728	1500	
Insert Float Valve	1	İR	Liner								
Centralizers	5	IR	Liner				I	J			
Top Plug	1	IR	Tubing							1	
HEAD	1	<u>IR</u>	Drill Pi					1			
Limit clamp	2	IR	Open I					+	-	Shots/Ft.	
Weld-A Texas Pattern Guide Shoe		IR IR	Perfora					 		 	
Cement Basket		iR	Perfore							+	
Mat	erials		Hours (On Lo	cation	Operating	Hours	Descri	otion of Jol)	
Mud Type a	Density	0 Lb/Gal	∴ Date		Hours	Date 05/26/14	Hours	Surface			
Disp. Fluid H2o	Density	8.33 Lb/Gal	05/26/	14	6.0	05/26/14	1.0	-			
	BL 10		1	-				Compa	t to surface	- 40 bble	
	al.	-%						or 170		- 40 DUIS	
	al.	-%						-			
SurfactantG	al	In						Top of	cement: 0'		
	al	_in					<u> </u>				
	aVLb	_in						-			
	aVLb aVLb	In		-		<u> </u>		-			
	aVLb	in —	Total		6.0	Total	1.0				
				200 A				A	a e l'opera		
Peripac Balls	City.	70					essures			-	
Other			MAX		820	AVG		PAT .			
Other			MAX		3	Average	Rates in B	PM			
Other			IVIAA		3		Left in Pi	26			
Other			Feet	44		Reason	201111111		Track		
		1157016					1500	2			
THE STREET			C	emen	t Data						
Stage Sacks Cer	ment		Additive					W/R			
1 455 Premiun	n Class C	2% Calcium Chloride a			***************************************	44 1977	oran -	6.34		14.8	
2							970 36			450	
3	100		10 mg					-	1 150		
4								-			
Preflush	Type:		Sur	nmar	y Preflush:	BBI	10.00	Type:	L.	120	
Breakdown	MAXII	AUM			oad & Bkdn		10.00	Pad Bt			
- Canavin	Lost F	leturns:f	0	Ë	cess /Returnate TOC	n BBI	40	Calc D	isp Bbl		
	Actua	TOC		C	atc. TOC	0-1-001	0	Actual	Diso 🗀	44.00	
Average 5 Min		Gradient 15 M	10		reatment: ement Slurry	Gal - BBi	109.0	Diso B	10		
5 Mili	10 Mi	13 M			iemem Siumy otal Volume		163.0		- 12		
					O'GI A QIRILIE	301	100.00	1			
		4.7.7	7	1)							
A. I.S. A. I.S. A. S. A.		VE Well	0 1	1.	220						
CUSTOMER REPRE	SENIATI	VE VUCC	VI	uc	5	SIGNATURE					
					T		ank Voi	u For Usi	na		
					A COLUMN SERVE	C	- IEX	Pumpin	g	-50000	

JQ.	JOB SUMMARY T				4	5/	28/2014	4	
Stanton Linn Energy					CUSTOMER REP Weldon Higgins EMPLOTE NAME				
AASI: NAME Well No. 10	G TYPE .	JESUS JIMENEZ							
Farm Mortgage A4 ATU 214 P	roduction			MESUS 1	IMENEZ	4 5 6 7 5 1			
JESUS JIMENEZ									
BEAU CLEM									
MARIO ABREGO									
Form, Name Type:		10-	III-2170-A	I (alboratio			I I E SY . Z		
Packer Type Set At	lo	ate La	lled Out 5-28-14	On Location 05/28	14	0 Started 05/28/14	1300 CI	omolete 5/28/14	
Bottom Hole Temp. Pressure									
Retainer Depth Total Dep	oth	me	4:00AM	9:00A		10:30AM	1 12	2:30PM	
Tools and Accessories Type and Size Oty	Make		New/Used	Well D Weight		From	To	Max. A	
Auto Fill Tube 0		asing	New	15.5	5.5		3111	200	
nsert Float Valve 0		ner							
Centralizers 0		ner							
Top Plug 0 1	IR TO	ibing rill Pipe				 			
imit clamp 0		pen Hole	1	1		 		Shots	
Veld-A 0	IR Po	erforation						J. 1013	
exas Pattern Guide Shoe 0		arforation							
Cement Basket 0 Materials	IR P	oderohe	ocation	Opposition	House	Description	n of tel		
Aud Type 0 Deneity D	l h/Gall	Date	Hours	Operating Date	Hours				
isn Fluid H20 Density 8.3	13 Lb/Gal 0	Date 5/28/14	3.5	Date 05/28/14	2.5	Production	1		
pacer type NUM SILIC BBL 20							13 4150000	0.00000	
pacer type BBL, Gal. %									
cid Type Gal. %									
Surfactant Gal In									
IE Agent Gal, In luid Loss Gal/Lb In							S 10	-	
Gelling Agent Gal/Lb In						-	-		
ric. Red Gal/Lb In									
AISC Gal/Lb In	To	otal	3.5	Total	2.5				
eripac BallsQty				Pre	ssures				
Other	M	AX	950	AVG	100				
Other		***	3		Rates in BF	M		- 000	
Other	M	AX	3	Cament	Left in Pipe		_	-	
Other	Fe	el 44		Reason	Leit III Figs	Shoe Jo	int		
				7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7					
	S		int Data						
tage Sacks Cement 1 435 O-Tex LowDense 2%	Ad Gyp. 2% Calcium Chloride	ditives			of ellers Antholis	W/Rq.	Yield 2.25	L.bs/0	
2 0 0 0 0	оур, гл сиски споло	i, 2% C-43, I	(A) 6-13, U-2 6-41	P, 0.2% G-01, 0.2	3 KISK CENSORS	13.29	2.25	0	
3									
4									
reflush Type:		Summa	ary Preflush:	BBI I	20.00	Type:	SODIUM:	SILICAT	
reakdownMAXIMUI	VI		Load & Bkdn:	Gal - BBI		Pad:Bbl-(ial		
Lost Retu Actual TC	ms-f NC)	Excess /Retur		73	Calc, Disp	BIH	77 227	
verage Actual 10			Calc: TOC: Treatment:	Gal - BBI	SURFAC	Actual Dis Disp Bbl	D	73.00	
" 5 Min. 10 Min	15 Min		Cement Slurry		174.0	COLUMN COLUMN			
			Total Volume	BBI	267.00				
	Weller	1)							
CUSTOMER REPRESENTATIVE	- Welden !	Tuge,		the second section					
	757	11 /		SIGNATURE	ank Vari	For Using	1		
			-						
				O	- IEX	Pumping			