

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1209261

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: 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 ☐ 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: Operator: ☐ Well Name: ☐ Well Name:	Producing Formation: Elevation: Ground: Kelly Bushing: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: 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	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Commingled Permit #: Dual Completion Permit #: SWD Permit #:	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	QuarterSec. TwpS. REastWest 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 to Final Radioactivity Lo	ving and shut-in pressu to surface test, along w og, Final Logs run to ob	ormations penetrated. Dures, whether shut-in pre with final chart(s). Attach otain Geophysical Data a or newer AND an image t	essure reached stati extra sheet if more and Final Electric Lo	c level, hydrosta space is needed	tic pressures, bott d.	om hole tempe	erature, fluid recovery,	
Drill Stem Tests Take		Yes No	L	og Formatic	on (Top), Depth an	d Datum	Sample	
Samples Sent to Geo	ological Survey	Yes No	Nam	е		Тор	Datum	
Cores Taken Electric Log Run		Yes No						
List All E. Logs Run:								
			RECORD Ne					
	Siza Hala	Report all strings set-o	1			# Cooks	Type and Parcent	
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 / SOL	EEZE BECORD				
Purpose: Depth Type of Cement # Sa Perforate Protect Casing Plug Back TD			# Sacks Used	Type and Percent Additives				
Plug Off Zone								
Does the volume of the		n this well? aulic fracturing treatment ex submitted to the chemical o		? Yes	No (If No, ski	o questions 2 and properties of the properties o		
Shots Per Foot		N RECORD - Bridge Plugootage of Each Interval Perl			cture, Shot, Cement		Depth	
	- Cpany			, ,			23,500	
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or ENF	HR. Producing Meth		Gas Lift C	Other <i>(Explain)</i>			
Estimated Production Per 24 Hours	Oil B	bbls. Gas	Mcf Wate	er Bl	bls. G	as-Oil Ratio	Gravity	
Vented Sole	ON OF GAS: d Used on Lease shmit ACO-18.)	Open Hole Other (Specify)	METHOD OF COMPLE Perf. Dually (Submit A	Comp. Con	nmingled mit ACO-4)	PRODUCTIO	ON INTERVAL:	

Form	ACO1 - Well Completion			
Operator	Linn Operating, Inc.			
Well Name	FEGAN A-6 ATU-278			
Doc ID	1209261			

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	770	Premium Class C	480	
PRODUC TION	7.875	5.50	15.50	3132	O-Tex LowDense	430	

COUNTY		JOB SUN	ARAAD	V		PHOECTAL			THE RET DATE		
Stanton		COMPANY		L		TN#				3/13/2	2014
LEASENAME	Well N	Linn Energ	<u> </u>			Orland	D EPP				
FEGAN A-8 ATI	J 278	Surface				BUPLOYEEN	WE				
Bryon Hackett						IDIAOU	lackett	_			ď.
Steve Crocker	╀╼┼╴										
Reggie	┝╼┼							-		1000	102.1
Santiago								-		15	
Form, Name Chies-Council Grays	Type	:									
Packer Type Bottom Hole Temp,	Set A	1	Date	Call	ed Out 03/12/14	On Locati	on I	Job	Started	Lie	Complete
Retainer Depth	Press Total	Denth				03/12	2/14		03/13/14	100	03/13/14
Tools and Asses	essori	es	Time		1430	2000	. 1		140	- 1	249
Type and Size Ot	y	Make			Name I	Well	Data				443
and the state of t		IR	Casing		New/Used	Weight 24			From	To	Max. A
Centralizers 5		IR	Liner		1000	44	8.625		KB	770	150
op Plug		R	Liner					-	17.		
IEAD	+	<u>IR</u>	Tubing					-+			
mit clamp	-	<u>IR</u>	Drill Pip					-			
Veld-A 2	_	R	Open H	ole				+			
exas Pattern Guide Shoe 1	_	ik	Perforati Perforati	ions				╅			Shots
ement Basket 0		IR	Perforati	ons							
ud Type Materials		17	Hours O	in I o	cation	0					
SD. Fluid H20 Densi		0 Lb/Gal	03/12/1		Hours	Operating Date	ours	_	Descript	ion of Jo	ь
Pacer type H20 RDI	10	8.33 Lb/Gal	03/12/1	4	7.5	03/13/14	Hours 1.0	-	Surface	7.00	
acer lyne no			 				91	-			
id Type Gal.		%	ļ	4-				1	Cement I	n Surfac	PAL PAL
ld Type Gal.		%		-				I	or 210 sk	2 Gui 121	:e: 50 L
AgentGal		ln		_	 -			1			
ild Loss Gald b		ln ———						-	Top of Ce	ment:	0,
Hing Agent Gal/Lb		/n						-			
C. RedGal/Lb		iii						1			
SCGal/Lb		in	Total	+	7.6			1			
fpac BallsQh			7 0001		7.5	otal	1.0]			
ner Qh	/					Des					
ier			MAX		880	AVG	sures				
er						Average Ra	100 les in RP	6.4			
er			MAX		3	_ AVG	3				
er			Feet 44		_	Cement Li Reason	ft in Pipe	}	Ch		
ge Sacks Cement			Ceme	nd for		140000			Shoe Tra	ICK	
0.01150116	- _		Additions		ata						
480 Premium Class C	12	Calcium Chloride and	25 Walt Celloflab	•				\dashv	W/Rq.	Yield	Lbs/Gal
480 Premium Class C								- 1	0.34	1.35	14.8
480 Premium Class C								-			
480 Premium Class C	#										
480 Premium Class C									-		
480 Premium Class C			Summa	IV Prefi	lich.						
ush Type	UMUN	A		Prefi	ush: BE	31	10.00		Гуре:	H2	0
ush Type kdown MAX Lost	MUN	ins b	0	Prefit Load Exce	& Bkdn: Ga	I BBI		F	ad:Bbl -Ga	1	0
ush Type kdown MAX Lost Actu Frac	Returnal TO	rns I C	ō	Prefit Load Exce Calc	& Bkdn: Ga ss /Return Bt TOC	I-BBI	10.00 50 0	\equiv	Pad: Bbl -Ga Calc Disp B	bl	
ush Type kdown MAX Lost Actu	Returnal TO	rns II C Jient	σ	Prefit Load Exce Calc Treat	& Bkdn: Ga ss /Return Be TOC	I-BBI	50 0		Pad:Bbl -Ga Calc Disp B Actual Disp	bl	0
ush Type kdown MAX Lost Actu Frac	Returnal TO	rns I C	σ	Prefit Load Exce Calc Treat Ceme	& Bkdn: Ga ss /Return Be TOC ment: Gai ent Slurry: BE	1 - BBI	50 0		Pad: Bbl -Ga Calc Disp B	bl	
ush Type kdown MAX Lost Actu Frac	Returnal TO	rns II C Jient	σ	Prefit Load Exce Calc Treat Ceme	& Bkdn: Ga ss /Return Be TOC	1 - BBI	50 0		Pad:Bbl -Ga Calc Disp B Actual Disp	bl	
ush Kdown MAX Lost Actu Frac. 5 Min 10 M	Returnal TO	rns II C dient 15 Min_	σ	Prefit Load Exce Calc Treat Ceme	& Bkdn: Ga ss /Return Be TOC ment: Gai ent Slurry: BE	1 - BBI	50 0		Pad:Bbl -Ga Calc Disp B Actual Disp	bl	
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ush Kdown MAX Lost Actu Frac. 5 Min 10 M	Returnal TO	rns II C dient 15 Min_	σ	Prefit Load Exce Calc Treat Ceme	& Bkdn: Ga ss /Return Be TOC ment: Gal ent Slurry: BB Volume BB	I-BBI I-BBI II	50 0 115.0 171.00		Pad Bbl - Ga Calc Disp B Actual Disp Disp Bbl	bl	
ush Type Kdown MAX Lost Actu Frac 5 Min 10 M	Returnal TO	rns II C dient 15 Min_	σ	Prefit Load Exce Calc Treat Ceme	& Bkdn: Ga ss /Return Be TOC ment: Gal ent Slurry: BB Volume BB	I-BBI I-BBI II-BBI III III	50 0 115.0 171.00		Pad Bbl - Galc Disp Blactual Disp Bbl	bl	

IOR SI	JMMARY	TN # 566	3/14/2014			
STRITY COMPANY	CUSTOMER REP Weldon Higgins					
Stanton Linn Co	Weldon Higgins DEROYEE HARE LAMONT PATTERSON					
egan A6 ATU 278 Product	ion	LAMONI PALIC	NOON TO THE REPORT OF THE PERSON OF THE PERS			
IP NAME			t reference to			
AMONT PATTERSON						
ODY GLASSGOW			 			
EAU CLEM						
orn Name 6 Type:		16-Learlien Lie	ob Started Job Completed			
Offit. Harrie	Called Col	On Location Je 03/14/14	03/14/14 03/14/14			
Packer TypeSet At	Date	1	1752 1956			
Bottom Hole Temp. Pressure	Time	830	1762 1958			
Retainer Depth Tools and Accessories	New/Use	Well Data Weight Size Grad	de From To Max. Allow			
Type and Size Qty Make			KB 3/30 1000			
Audo Fill Tube	Casing New					
IISELL LIGHT FOR THE TOTAL TOT	Liner					
See Blue 1 IR	Tubing		 			
IEAD 1 IR	Drill Pipe		Shots/Ft.			
Limit clamp	Open Hole Perforations					
Wan-A	Perforations					
Texas Pattern Guide Shoe 1 R Cement Basket 0 R	Perforations	Operating Hours	Description of Job			
Materials	Hours On Location	Date Hours 03/14/14 2.5				
Mud lype	b/Gal	Date Hours 03/14/14 2.5	GOOD RETURNS THRU OUT			
DISP. FIURI		ļ	JOB FLOATS HELD			
Spacer type BBI						
Acid Type Gal%						
Acid Type Gal. % — Gal. In —						
NE Aport Gal. In						
Fluid Loss Gal/LbIn						
Gelling Agent Gal/Lb in						
FIG. Red.		Total 2.5				
MISU		Pressures				
Peripac BallsQty.	MAX 1000	AVG 31	50			
Other		Average Rates in AVG	ВРМ			
Other Other	MAX 3	Cement Left in	Pine			
Other	Feet 1	Reason	Shoe Joint			
Other	Feet	(1000				
	Cement Data		W/Rq. Yield Lbs/Gal			
Stage Sacks Cement	A 1 (9)		9971 00			
Stage Sacks Cement 2% Gyp. 2	AQQ10V83 § Calclum Chloride, 2% C-45, 8.4% C-15, 8.4% C-	11P, 0.2% C-31, 0.23 STER COMM	0 0 0			
2 0 0 0						
3						
4						
	Summary	DDI 20	1.00 Type: FLOWSTOP			
Preflush Type:	Preflush:	do: Gal - BBI	Pad:Bbl -Gal			
Breakdown Lost Returns 1	NO Excess /R	eturn BBł	72 Calc Disp Bbt 132 Actual Disp 73.00			
Lost Returns-1	Calc TOC Treatment	Gal - BBl3,	Actual Disp 73.00 Disp Bb1			
Average Frac. Gradient	Coment S	urry: BBI #V	UUA			
isiF5 Min10 Min	15 Min Cement S		ALUE!			
		1111				
ALLES DEDDERENTATIVE		VII 5	Address remarks find an abritan and polymeries of the little			
CUSTOMER REPRESENTATIVE		SIGNATURE	You For Using			
		inank	EX Pumping			