



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1209860
OIL & GAS CONSERVATION DIVISION

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- 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:

Operator: _____

Well Name: _____

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 #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

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:

Operator Name: _____

Lease Name: _____ License #: _____

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: _____

1209860

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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 / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Linn Operating, Inc.
Well Name	R.B. FEGAN A-7 ATU-276
Doc ID	1209860

Tops

Name	Top	Datum
KRIDER	2383	KB
WINFIELD	2427	KB
TOWANDA	2485	KB
FT_RILEY	2541	KB
FUNSTON	2662	KB
CROUSE		
MORRILL		
GRENOLA		

JOB SUMMARY

PROJECT NUMBER: **TN # 584** TICKET DATE: **3/20/2014**

COUNTY: **Stanton**
 COMPANY: **Linn Energy**
 LEASE NAME: **RB Fegan** Well No.: **A7 ATU 276** JOB TYPE: **Production**

CUSTOMER REP: **Weldon Higgins**
 EMPLOYEE NAME: **Jesus Jimenez**

Jesus Jimenez			
Beau Clem			
Miguel Hernandez			

Form. Name _____ Type: _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Relainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
	3-20-14	03/20/14	03/20/14	03/20/14
Time	6:00	13:00	16:00	18:00

Tools and Accessories

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Valve	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	15.5	5.5	J45	0	3114	1500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	Density	Lb/Gal
Disp. Fluid	H2O	8.33
Spacer type	100M SILIC BBL	20
Spacer type	BBL	
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
MISC.	Gal/Lb	In

Perfpac Balls _____ Qty. _____
 Other _____
 Other _____
 Other _____
 Other _____

Hours On Location

Date	Hours	Date	Hours	Description of Job
03/20/14	3.0	03/20/14	2.0	Production
Total	3.0	Total	2.0	

Pressures

MAX	1150	AVG	200
MAX	3	AVG	3
Feel	44	Reason	Shoe Joint

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	435	O-TEX LowDense	2% Gyp, 2% Calcium Chloride, 2% C-45, 0.4% C-15, 0.4% C-41P, 0.2% C-51, 0.25 #/sk Cellulose	13.29	2.25	11.5
2	0	0	0	0	0	0
3						
4						

Summary

Preflush Breakdown	Type: MAXIMUM	Preflush: BBI	20.00	Type: SODIUM SILICATE
	Lost Returns -> NO	Load & Bkdn: Gal - BBI		Pad: Bbl - Gal
	Actual TOC	Excess /Return BBI	63	Calc Disp Bbl
Average	Frac. Gradient	Calc TOC	SURFACE	Actual Disp
5 Min	10 Min	Treatment: Gal - BBI		Disp Bbl
	15 Min	Cement Slurry BBI	174.0	
		Total Volume BBI	267.00	

CUSTOMER REPRESENTATIVE _____

SIGNATURE

**Thank You For Using
O - TEX Pumping**

JOB SUMMARY

PROJECT NUMBER: **TN # 580** TICKET DATE: **3/19/2014**
 COUNTY: **Stanton** COMPANY: **Linn Energy** CUSTOMER REP: **Orlando**
 LEASE NAME: **RB Fegan** Well No.: **A7 ATU 276** JOB TYPE: **Surface** EMPLOYEE NAME: **LAMONT PATTERSON**

LAMONT PATTERSON					
CODY GLASSGOW					
DANNY PARKER					
ERIC POOLE					

Form Name: Chase-Council Grove Type: _____
 Packer Type: _____ Set At: _____
 Bottom Hole Temp: _____ Pressure: _____
 Retainer Depth: _____ Total Depth: _____

Date	Called Out	On Location	Job Started	Job Completed
		03/19/14	03/19/14	03/20/14
Time		1730	1020	1200

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Valve	1	IR
Centralizers	26	IR
Top Plug	1	IR
HEAD	0	IR
Limit clamp	1	IR
Weld-A	2	IR
Texas Pattern Guide Shoe	1	IR
Cement Basket	0	IR

Well Data						
	New/Used	Weight	Size	Grade	From	To
Casing	New	24	8.625	J44	KB	728
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole						Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials			
	Qty	Density	Lb/Gal
Mud Type	0	0	
Disp. Fluid	H2O	Density 8.33	Lb/Gal
Spacer type	H20 BBL	10	
Spacer type	BBL		
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Fric. Red.	Gal/Lb	In	
MISC.	Gal/Lb	In	

Hours On Location				Operating Hours				Description of Job
Date	Hours	Date	Hours	Date	Hours	Date	Hours	
03/19/14	7.0	03/19/14	5.0					Surface
								HAD GOOD RETURNS THRU JOB
								JOB WAS COMPLETED SAFELY
Total	7.0	Total	5.0					

Perpac Balls: _____ Qty: _____
 Other: _____
 Other: _____
 Other: _____
 Other: _____

Pressures			
MAX	700	AVG	400
Average Rates in BPM			
MAX	3	AVG	3
Cement Left in Pipe			
Feet	3 BBL	Reason	Shoe Joint

Cement Data				W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Additives	6.34	1.35	14.8
1	455	Premium Class C	2% Calcium Chloride and .25 #/sk Cellulose			
2						
3						
4						

Summary							
Preflush Breakdown		Type: MAXIMUM		Preflush: BBI	10.00	Type: H2O	
		Lost Returns: NO		Load & Bkdn: Gal - BBI		Pad: Bbl - Gal	
		Actual TOC		Excess /Return BBI	55	Calc. Disp Bbl	
Average (5 min)	5 Min.	Frac. Gradient	15 Min.	Calc. TOC	728	Actual Disp.	44.00
				Treatment: Gal - BBI		Disp: Bbl	
				Cement Slurry BBI	#VALUE!		
				Total Volume BBI	#VALUE!		

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

**Thank You For Using
O - TEX Pumping**