

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1360281
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: _____

1360281



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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No 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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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> _____ <input type="checkbox"/> Commingled <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	La Grange Acquisition, LP dba Energy Transfer Company
Well Name	4162 01
Doc ID	1360281

Tops

Name	Top	Datum
TOP SOIL	0	25
SAND	25	40
CLAY	40	60
SAND	70	80
SANDY CLAY	80	100
SAND/GRAVEL	100	135
GRAVEL	140	155
SAND	155	235
GRAVEL	235	300
SANDY CLAY	300	350



4520 State Hwy 136, Amarillo, TX 79108-7617 • tel. 806-383-5047 • fax 806-383-1716

Deep Well GroundBed Data:		Date: 07/15/17	
Job Number:	ETC27-2017-KS	Drilling Contractor:	MCLEANS CP INSTALLATION, INC.
Company Name:	ENERGY TRANSFER	Facility/Line:	4162
Subject:	DEEP WELL	State:	KS
Well Depth:	350 FT	County:	HASKELL
Diameter:	10 IN	Other-Driller:	CM
Casing:	20 FT	Drilling Method:	MUD
Type of Backfill:	SC2	Base Useable Water:	
Anode Type:	1 SET OF 20 ANOTECH 2684		
GPS:	37.554907, -100.998936	TEST VOLTS:	12
Remarks:			

Drilling Log			Electrical Log			Anode Log		
Depth:	Formation Type:	Material:	BEFORE BACKFILL			AFTER BACKFILL		
			Volt	Anode Depth	Anode #	Volt	Anode Depth	Anode #
0'	TOPSOIL	HOLEPLUG/CASING						
5'	TOPSOIL	HOLEPLUG/CASING						
10'	TOPSOIL	HOLEPLUG/CASING						
15'	TOPSOIL	HOLEPLUG/CASING						
20'	TOPSOIL	HOLEPLUG/CASING						
25'	SAND	HOLEPLUG						
30'	SAND	HOLEPLUG						
35'	SAND	HOLEPLUG						
40'	CLAY	HOLEPLUG						
45'	CLAY	HOLEPLUG						
50'	CLAY	HOLEPLUG						
55'	CLAY	HOLEPLUG						
60'	SAND	HOLEPLUG						
65'	SAND	HOLEPLUG						
70'	SAND	HOLEPLUG						
75'	SAND	HOLEPLUG						
80'	SANDY CLAY	HOLEPLUG						
85'	SANDY CLAY	HOLEPLUG						
90'	SANDY CLAY	HOLEPLUG						
95'	SANDY CLAY	HOLEPLUG						
100'	SAND/GRAVEL	HOLEPLUG	0.2					
105'	SAND/GRAVEL	HOLEPLUG						
110'	SAND/GRAVEL	HOLEPLUG	0.2					
115'	SAND/GRAVEL	COKE						
120'	SAND/GRAVEL	COKE	0.4					
125'	SAND/GRAVEL	COKE						
130'	SAND/GRAVEL	COKE	1.0					
135'	SAND/GRAVEL	COKE						
140'	GRAVEL	COKE	0.6					
145'	GRAVEL	COKE						
150'	GRAVEL	COKE	1.6		20			
155'	GRAVEL	COKE						
160'	SAND	COKE	1.4		19			
165'	SAND	COKE						
170'	SAND	COKE	0.3		18			
175'	SAND	COKE						
180'	SAND	COKE	0.2		17			
185'	SAND	COKE						
190'	SAND	COKE	0.2		16			
195'	SAND	COKE						
200'	SAND	COKE	0.4		15			
205'	SAND	COKE						
210'	SAND	COKE	0.2		14			
215'	SAND	COKE						
220'	SAND	COKE	0.6		13			
225'	SAND	COKE						
230'	SAND	COKE	0.2		12			
235'	SAND	COKE						
240'	GRAVEL	COKE	1.1		11			
245'	GRAVEL	COKE						
250'	GRAVEL	COKE	1.6		10			



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Remarks:			

Drilling Log			Electrical Log			Anode Log		
Depth:	Formation Type:	Material:	BEFORE BACKFILL			AFTER BACKFILL		
			Volt	Anode Depth	Anode #	Volt	Anode Depth	Anode #
255	GRAVEL	COKE						
260	GRAVEL	COKE	1.3		9			
265	GRAVEL	COKE						
270	GRAVEL	COKE	1.1		8			
275	GRAVEL	COKE						
280	GRAVEL	COKE	1.0		7			
285	GRAVEL	COKE						
290	GRAVEL	COKE	0.9		6			
295	GRAVEL	COKE						
300	SANDY CLAY	COKE	1.6		5			
305	SANDY CLAY	COKE						
310	SANDY CLAY	COKE	1.4		4			
315	SANDY CLAY	COKE						
320	SANDY CLAY	COKE	2.4		3			
325	SANDY CLAY	COKE						
330	SANDY CLAY	COKE	1.8		2			
335	SANDY CLAY	COKE						
340	SANDY CLAY	COKE	2.3		1			
345	SANDY CLAY	COKE						
350	SANDY CLAY	COKE	1.8					

WELL #: 4162
HASKELL COUNTY
16.5 in.
10.500 in.

