

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
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) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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4520 State Hwy 136, Amarillo, TX 79108-7617 • tel. 806-383-5047 • fax 806-383-1716

Deep Well GroundBed Data:		Date: 06/15/19	
Job Number:	ETC02-2019-KS	Drilling Contractor:	MCLEANS CP INSTALLATION, INC.
Company Name:	ENERGY TRANSFER	Facility/Line:	LUTHER SCHMIDT RECTIFIER
Subject:	DEEP WELL	State:	KS
Well Depth:	350 FT	County:	SEWARD
Diameter:	10 IN	Other-Driller:	TM
Casing:	20 FT OF 10 IN	Drilling Method:	MUD
Type of Backfill:	SC2	Base Useable Water:	N/A
Anode Type:	1 SET OF 20 ANOTECH 2684		
Well Depth:	N37.373218, W100.760954	TEST VOLTS:	11.53
Remarks:			

Drilling Log			Electrical Log			Anode Log		
Depth:	Formation Type:	Material:	BEFORE BACKFILL			AFTER BACKFILL		
			Volt	Anode Depth	Anode #	Volt	Anode Depth	Anode #
0'	SANDY CLAY	CASING/HOLEPLUG						
5'	SANDY CLAY	CASING/HOLEPLUG						
10'	SANDY CLAY	CASING/HOLEPLUG						
15'	SANDY CLAY	CASING/HOLEPLUG						
20	CLAY	CASING/HOLEPLUG						
25	CLAY	HOLEPLUG						
30	CLAY	HOLEPLUG						
35	CLAY	HOLEPLUG						
40	CLAY	HOLEPLUG						
45	CLAY	HOLEPLUG						
50	CLAY	HOLEPLUG						
55	CLAY	HOLEPLUG						
60	CLAY	HOLEPLUG						
65	CLAY	HOLEPLUG						
70	CLAY	HOLEPLUG						
75	CLAY	HOLEPLUG						
80	SAND	HOLEPLUG						
85	SAND	HOLEPLUG						
90	SAND	HOLEPLUG						
95	SAND	HOLEPLUG						
100	SAND	HOLEPLUG	0.2					
105	SAND	COKE						
110	SAND	COKE	0.2					
115	SAND	COKE						
120	SAND	COKE	0.2					
125	SAND	COKE						
130	SAND	COKE	0.3					
135	SAND	COKE						
140	SAND	COKE	0.3					
145	SAND	COKE						
150	SAND	COKE	0.2					
155	SAND	COKE			20			
160	SAND	COKE	0.2					
165	SAND	COKE			19			
170	SAND	COKE	0.2					
175	SAND	COKE			18			
180	SAND	COKE	0.3					
185	SAND	COKE			17			
190	SAND	COKE	0.0					
195	SAND	COKE			16			
200	SAND	COKE	0.2					
205	SAND	COKE			15			
210	SAND	COKE	0.2					
215	SAND	COKE			14			
220	SAND	COKE	0.4					
225	SAND	COKE			13			
230	SAND	COKE	0.3					
235	SAND	COKE			12			
240	SAND	COKE	0.2					
245	SAND	COKE			11			
250	SAND	COKE	0.2					



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GPS:	N37.373218, W100.760954	TEST VOLTS:	11.53
Remarks:			

Drilling Log			Electrical Log			Anode Log		
Depth:	Formation Type:	Material:	BEFORE BACKFILL			AFTER BACKFILL		
			Volt	Anode Depth	Anode #	Volt	Anode Depth	Anode #
255	CLAY	COKE			10			
260	CLAY	COKE	0.4					
265	CLAY	COKE			9			
270	CLAY	COKE	0.4					
275	CLAY	COKE			8			
280	CLAY	COKE	0.4					
285	CLAY	COKE			7			
290	CLAY	COKE	0.3					
295	CLAY	COKE			6			
300	CLAY	COKE	0.4					
305	CLAY	COKE			5			
310	CLAY	COKE	0.4					
315	CLAY	COKE			4			
320	CLAY	COKE	0.3					
325	CLAY	COKE			3			
330	CLAY	COKE	0.4					
335	CLAY	COKE			2			
340	CLAY	COKE	0.4					
345	CLAY	COKE			1			
350	CLAY	COKE	0.3					

**WELL #: LUTHER SCHMIDT RECTIFIER
SEWARD COUNTY**

16.5 in.
10.500 in.

Surface

