

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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# McGOWAN DRILLING, INC.

Mound City, KS  
620.224.7406

Well #				Casing			
<b>Altavista Energy, Inc. Alexander East #A-11</b>				<b>Surface</b>		<b>Longstring</b>	
				Size:	7 "	Size:	2 7/8 "
				Tally:	43 '	Tally:	1100.3 '
				Cement:	8 sx	Bit:	5.875 "
				Bit:	9.875 "	Date:	6/21/2022
API #:	15-207-29884	S-T-R:	2-24S-16E				
County:	Woodson - KS	Date:	6/20/2022				
Top	Base	Formation		Top	Base	Formation	
0	2	Soil		1011	1012	Lime	
2	17	Sandstone	w/clay	1012	1025	Sand	See below
17	143	Shale		1025		Shale	
143	206	Lime					
206	230	Shale					
230	313	Lime					
313	315	Shale					
315	318	Lime					
318	320	Shale					
320	431	Lime					
431	468	Shale					
468	498	Lime					
498	501	Shale					
501	573	Lime					
573	579	Shale					
579	602	Lime					
602	604	Shale					
604	625	Lime					
				Float Equipment			
625	797	Shale		Qty	Size		
797	801	Lime		1	2 7/8	Float Shoe	
801	816	Shale		1	2 7/8	Aluminum Baffle	Set at 1069.25'
816	828	Lime		3	2 7/8	Centralizers	
828	832	Shale		1	2 7/8	Casing clamp	
832	839	Lime					
839	851	Shale					
				Sand / Core Detail			
851	859	Lime		Core #1:		Core #2:	
859	822	Shale		Core #3:		Core #4:	
869	876	Lime		1012	1014	Sand, limey	
876	890	Shale		1014	1015	Hard sand, limey, good odor in samples	
890	891	Lime		1015	1017	Soft sand, good odor, fair bleed	
891	896	Shale		1017	1025	Good sand, good odor, good	
896	901	Lime					
901	904	Shale					
904	908	Lime					
908	960	Shale					
960	963	Lime					
963	1011	Shale					
				<b>Total Depth:</b>		<b>1122</b>	



**CEMENT TREATMENT REPORT**

Customer: <b>Altavista Energy</b>	Well: <b>Alexander East A-12, A-11</b>	Ticket: <b>EP5017</b>
City, State: <b>Wellsville, KS</b>	County: <b>WO, KS</b>	Date: <b>6/22/2022</b>
Field Rep: <b>Bryan Miller</b>	S-T-R: <b>2-24-16</b>	Service: <b>Longstrings</b>

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	5 7/8 in	Blend:	Econobond 1# PS	Blend:	
Hole Depth:	ft	Weight:	13.61 ppg	Weight:	ppg
Casing Size:	2 7/8 in	Water / Sx:	7.12 gal / sk	Water / Sx:	gal / sk
Casing Depth:	ft	Yield:	1.56 ft <sup>3</sup> / sk	Yield:	ft <sup>3</sup> / sk
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:		Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	ft	Excess:		Excess:	
Displacement:	bbls	Total Slurry:	bbls	Total Slurry:	0.0 bbls
		Total Sacks:	0 sks	Total Sacks:	0 sks

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
1:30 PM			-	-	on location, held safety meeting
			-	-	
			-	-	A-12 (1125' - 5 7/8" OH, 1115' - 2 7/8", 1084' - baffle)
4.0			-	-	established circulation
4.0			-	-	mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
4.0			-	-	mixed and pumped 120 sks Econobond cement with 1# PhenoSeal per sk, cement to surface
4.0			-	-	flushed pump clean
1.0			-	-	pumped 2 7/8" rubber plug to baffle with 6.27 bbls fresh water
1.0			-	-	pressured to 800 PSI, well held pressure
			-	-	released pressure to set float valve
4.0			-	-	washed up equipment
			-	-	
			-	-	A-11 (1122' - 5 7/8" OH, 1100' - 2 7/8", 1069' - baffle)
4.0			-	-	established circulation
4.0			-	-	mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
4.0			-	-	mixed and pumped 116 sks Econobond cement with 1# PhenoSeal per sk, cement to surface
4.0			-	-	flushed pump clean
1.0			-	-	pumped 2 7/8" rubber plug to baffle with 6.19 bbls fresh water
1.0			-	-	pressured to 800 PSI, well held pressure
			-	-	released pressure to set float valve
4.0			-	-	washed up equipment
			-	-	
3:30 PM			-	-	left location
			-	-	
			-	-	
			-	-	

CREW		UNIT	SUMMARY		
Cementer:	Casey Kennedy	931	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Devin Katzer	238	3.1 bpm	- psi	- bbls
Bulk:	Doug Gipson	248			
H2O:	Pat Sanborn	247			