

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)</i> <i>(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			
Altavista Energy, Inc. Marjorie Crotts #I-6				Surface		Longstring	
				Size:	7 "	Size:	2 7/8 "
				Tally:	50 '	Tally:	1096.7 '
API #:	15-031-24636	S-T-R:	14-22S-16E	Cement:	HSI sx	Bit:	5.875 "
County:	Coffey Co., KS	Date:	11/7/2022	Bit:	9.875 "	Date:	11/14/2022
Top	Base	Formation		Top	Base	Formation	
0	2	Soil		1009	1010	Lime	
2	38	Clay		1010	1020	Sand Good show, see below	
38	45	Clay & Gravel		1020		Sandy shale	
45	220	Shale					
220	288	Lime					
288	356	Shale					
356	371	Lime					
371	375	Shale					
375	384	Lime					
384	419	Shale					
419	479	Lime					
479	489	Shale					
489	493	Lime					
493	516	Shale					
516	528	Shale				Limey	
528	590	Lime					
590	596	Shale					
596	625	Lime					
				Float Equipment			
625	630	Shale		Qty	Size		
630	652	Lime		1	2 7/8	Float Shoe	
652	814	Shale		1	2 7/8	Aluminum Baffle Set at 1064.25'	
814	816	Lime		3	2 7/8	Centralizers	
816	824	Shale		1	2 7/8	Casing clamp	
824	832	Lime					
832	834	Shale					
				Sand / Core Detail			
834	842	Lime		Core #1:		Core #2:	
842	822	Shale		Core #3:		Core #4:	
890	893	Lime		1010	1011	Broken sand, good odor, slight bleed	
893	916	Shale		1011	1014	Broken sand, good odor, good bleed	
916	920	Lime		1014	1015	Sandy shale	
920	936	Shale		1015	1020	Sand, slightly broken, good odor, good bleed	
936	939	Lime					
939	959	Shale					
959	963	Lime					
963	968	Shale					
968	974	Lime					
974	1009	Shale					
				Total Depth: 1102			



CEMENT TREATMENT REPORT

Customer: Altavista Energy	Well: Marjorie Crofts I-5, I-6	Ticket: EP6529
City, State: Wellsville, KS	County: CF, KS	Date: 11/7/2022
Field Rep: Bryan Miller	S-T-R: 14-22-16	Service: Longstring/Surf

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	5 7/8 in	Blend:	Econobond 1# PS	Blend:	
Hole Depth:	1086 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:	1080.50 ft	Yield:	1.56 ft ³ / sk	Yield:	ft ³ / sk
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:	baffle	Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	1053.75 ft	Excess:		Excess:	
Displacement:	6.10 bbls	Total Slurry:	bbls	Total Slurry:	0.0 bbls
		Total Sacks:	0 sks	Total Sacks:	0 sks

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
1:45 PM			-	-	on location, held safety meeting
					I-5
4.0					established circulation
4.0					mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
4.0					mixed and pumped 121 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 6.10 bbls fresh water
1.0					pressured to 800 PSI, well held pressure
					released pressure to set float valve
4.0					washed up equipment
					I-6 (50' of 7" surface casing in 11" OH)
4.0					established circulation
4.0					mixed and pumped 25 sks Econobond 1# PS cement, cement to surface
2.0					displaced cement with 1.75 bbls fresh water, shut in casing
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:	Nick Beets	239	3.3 bpm	- psi	- bbls
Bulk:	Devin Katzer	215			
H2O:	Keith Detwiler	124			



CEMENT TREATMENT REPORT

Customer: Alstavista Energy	Well: Marjorie Crofts I-6, I-12	Ticket: EP6605
City, State: Wellsville, KS	County: CF, KS	Date: 11/14/2022
Field Rep: Bryan Miller	S-T-R: 14-22-16	Service: Longstring/Surf

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	5 7/8 in	Blend:	Econobond 1# PS	Blend:	
Hole Depth:	1102 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:	1096.70 ft	Yield:	1.56 ft ³ / sk	Yield:	ft ³ / sk
Tubing / Liner:	in	Annular Bbbs / Ft.:	bbs / ft.	Annular Bbbs / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:	baffle	Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	1064.25 ft	Excess:		Excess:	
Displacement:	6.16 bbls	Total Slurry:	bbls	Total Slurry:	0.0 bbls
		Total Sacks:	0 sks	Total Sacks:	0 sks

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
1:15 PM			-	-	on location, held safety meeting
					I-6
4.0					established circulation
4.0					mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
4.0					mixed and pumped 126 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 6.16 bbls fresh water
1.0					pressured to 800 PSI, well held pressure
					released pressure to set float valve
4.0					washed up equipment
					I-12
4.0					established circulation
4.0					mixed and pumped 30 sks Econobond cement with 1# PhenoSeal per sk, cement to surface
4.0					displaced cement with 1.5 bbls fresh water, shut in casing
4.0					washed up equipment
4:15 PM					left location

CREW		UNIT	SUMMARY		
Cementer:	Casey Kennedy	931	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Nick Beets	239	3.5 bpm	- psi	- bbls
Bulk:	Richard Mentzer	248			
H2O:	Ryan Hays	111			