KOLAR Document ID: 1759498

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 # 34350
Name: Altavista Energy, Inc.
Address 1: 4599 K-33 HIGHWAY
Address 2: PO BOX 128
City: WELLSVILLE State: KS Zip: 66092 + 0128
Contact Person: Phil Frick
Phone: (785) 883-4057
CONTRACTOR: License # 33900
Name: Leis, Steven A.
Wellsite Geologist: None
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 #:

11/08/2023 Spud Date or Recompletion Date
11/10/2023 Date Reached TD
11/10/2023 Completion Date or Recompletion Date

API No.: 15-031-24683-00-00
Spot Description:
SW - SE - SE - SW Sec. 14 Twp. 22 S. R. 16 ☑ East ☐ West
165 Feet from ☐ North / ☑ South Line of Section
3175 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Coffey
Lease Name: MARJORIE CROTTS Well #: 5
Field Name: Unnamed
Producing Formation: Squirrel
Elevation: Ground: 1029 Kelly Bushing: 1032
Total Vertical Depth: 1125 Plug Back Total Depth: 1081
Amount of Surface Pipe Set and Cemented at: 53 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 1125
feet depth to: 0 w/ 122 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 30 bbls
Dewatering method used: Evaporated
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:** Todd Bryant **Date:** 03/04/2024

Operator Name: Altavista Energy, Inc. Lease Name: MARJORIE CROTTS Well #: 5

Sec. 14 Twp. 22 S. R. 16 ☑ East ☐ West County: Coffey

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 *(Attach Additional Sheets)*	☐ Yes	☑ No
Samples Sent to Geological Survey	☐ Yes	☑ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Geologist Report / Mud Logs	☐ Yes	☑ No

List All E. Logs Run:

Gamma Ray/Neutron/CCL

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Squirrel	1010	+19

CASING RECORD ☑ New ☐ 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
Surface	9.875	7	15	53	Thixo	60	See Ticket
Production	5.875	2.875	6.5	1110	Econobond	122	See Ticket

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ 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: 12/13/2023

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	5.0				

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL:

Top	Bottom
1010	1020

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
3	1010	1020			31 Perfs - 2" DML RTG

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Altavista Energy, Inc.
Well Name	MARJORIE CROTTS 5
Doc ID	1759498

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	9.875	7	15	53	Thixo	60	See Ticket
Production	5.875	2.875	6.5	1110	Econobond	122	See Ticket

WoCo Drilling LLC

1135 30th Rd
Yates Center, Kansas 66783
Steve 620-330-6328 Nick 620-228-2320

Operator License # 34350	API # 15-031-24683
Operator: Altavista Energy, Inc.	Lease: Marjorie Crotts
Address: Box 128, Wellsville, Ks. 66092-0128	Well # 5
Phone: 785-883-4057	Spud Date: 11/8/2023 Completed:11/10/2023
Contractor License: 33900	Location: Sec: 14 TWP: 22s R: 16e
T.D. 1125 Bite Size: 5.875	165' FSL
Surface Pipe Size: 7" Surface Depth: 51'	3175' FEL
Kind of Well: Oil	County: Coffey

Drilling Log

Strata	From	To	Strata	From	To
Soil	0	6	Shale	903	914
Clay	6	34	Lime	914	918
Sand and Gravel	34	46	Shale	918	958
Shale	46	214	Lime	958	961
Lime	214	289	Shale	961	977
Shale	289	353	Lime	977	981
Lime	353	379	Shale	981	1006
Shale	379	411	Lime Cap	1006	1007
Lime	411	475	Brkn Oil Sand	1007	1011
Shale	475	486	Oil Sand	1011	1019
Lime	486	488	Badly Brkn	1019	1021
Shale	488	527	Shale	1021	1125
Lime	527	576			
Shale	576	582			
Lime	582	616	TD 1125		
Shale	616	621			
Lime	621	655	Ran 2-7/8" Casing		
Shale	655	807	To 1110.05		
Lime	807	816			
Lime Brk	816	819			
Shale	819	824	Surface Cemented By		
Lime	824	832	Hurricane		
Shale	832	861			
Lime	861	872			
Shale	872	880			
Lime	880	885			
Shale	885	900			
Lime	900	903			

CEMENT TREATMENT REPORT

Customer:	Altavista Energy	**Well:**	Marjorie Crotts 5	**Ticket:**	EP11323
City, State:		**County:**	Coffey, KS	**Date:**	11/8/2023
Field Rep:		**S-T-R:**		**Service:**	Surface

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	11 in	**Blend:**	Thixo	**Blend:**	
Hole Depth:	52 ft	**Weight:**	13.8 ppg	**Weight:**	ppg
Casing Size:	in	**Water / Sx:**	8.9 gal / sx	**Water / Sx:**	gal / sx
Casing Depth:	ft	**Yield:**	1.80 ft^3 / sx	**Yield:**	ft^3 / sx
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:	sx	**Total Sacks:**	0 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
2:30 PM			-	-	On location, Held safety meeting
				-	
	4.0			-	Washed the surface casing down to TD
	4.0			-	Established circulation, mixed and pumped 60 sks of thixo cement
	1.0			-	Displaced the cement with 1.5 BBL of fresh water shut in valve on casing, cement to surface
	4.0			-	Washed up Equipment
				-	
4:30 PM				-	Left Location
				-	
				-	
				-	

	CREW	UNIT
Cementer:	Garrett S.	97
Pump Operator:	Nick B	209
Bulk #1:	Trevor G	189
Bulk #2:	Wes C	110

SUMMARY		
Average Rate	**Average Pressure**	**Total Fluid**
3.3 bpm	- psi	- bbls

CEMENT TREATMENT REPORT

Customer:	Atlavista Energy	**Well:**	Marjorie Crotts 5	**Ticket:**	EP11344
City, State:	Wellsville, KS	**County:**	CF, KS	**Date:**	11/10/2023
Field Rep:	Bryan Miller	**S-T-R:**	14-22-16	**Service:**	Longstring

Downhole Information	
Hole Size:	5 5/8 in
Hole Depth:	1123 ft
Casing Size:	2 7/8 in
Casing Depth:	1110.05 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	baffle
Tool Depth:	1080.05 ft
Displacement:	6.25 bbls

Calculated Slurry - Lead	
Blend:	Econobond 1# PS
Weight:	13.61 ppg
Water / Sx:	7.14 gal / sk
Yield:	1.57 ft^3 / sk
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	34.11 bbls
Total Sacks:	122 sks

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sx:	gal / sk
Yield:	ft^3 / sk
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sks

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
3:00 PM			-	-	on location, held safety meeting
				-	
				-	waited for rig to land casing and move off location
				-	
4:00 PM				-	moved in, rigged up
				-	
				-	**well was flowing prior to cementing**
				-	
	4.0			-	established circulation
	4.0			-	mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
	4.0			-	mixed and pumped 122 sks Econobond cement w/ 1# Phenoseal per sk, cement to surface
	4.0			-	flushed pump clean
	1.0			-	pumped 2 7/8" rubber plug to baffle w/ 6.25 bbls fresh water
	1.0			-	pressured to 800 PSI, shut in annulus, well held pressure
				-	released pressure to set float valve, float held
	4.0			-	washed up equipment
				-	
5:00 PM				-	left location
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	

	CREW	UNIT
Cementer:	Casey Kennedy	931
Pump Operator:	Devin Katzer	239
Bulk:	Colton Browne	215
H2O:	Wes Callahan	110

SUMMARY		
Average Rate	Average Pressure	Total Fluid
3.1 bpm	- psi	- bbls