KOLAR Document ID: 1667611

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 # 5786
Name: McGown Drilling, Inc.
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 #:

06/16/2022 Spud Date or Recompletion Date
06/20/2022 Date Reached TD
06/20/2022 Completion Date or Recompletion Date

API No.: 15-207-29872-00-00
Spot Description:
__ - SE - NE - NE Sec. 2 Twp. 24 S. R. 16 ☑ East ☐ West
4037 Feet from ☐ North / ☑ South Line of Section
62 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: Woodson
Lease Name: ALEXANDER EAST Well #: A-9
Field Name: Vernon
Producing Formation: Squirrel
Elevation: Ground: 1072 Kelly Bushing: 1075
Total Vertical Depth: 1112 Plug Back Total Depth: 1076
Amount of Surface Pipe Set and Cemented at: 43 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 1112
feet depth to: 0 w/ 121 sx cmt.

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

Chloride content: 0 ppm Fluid volume: 40 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:** David Befort **Date:** 10/03/2022

Operator Name: Altavista Energy, Inc. Lease Name: ALEXANDER EAST Well #: A-9

Sec. 2 Twp. 24 S. R. 16 ☑ East ☐ West County: Woodson

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 ☐ Yes ☑ No
(Attach Additional Sheets)

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	+62

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	21	43	Portland	8	NA
Production	5.875	2.875	6.5	1107	Econobond	121	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: 09/22/2022

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	3				

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	ALEXANDER EAST A-9
Doc ID	1667611

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	21	43	Portland	8	NA
Production	5.875	2.875	6.5	1107	Econobond	121	See Ticket

McGOWN DRILLING, INC.

Mound City, KS
620.224.7406

Well #			
Altavista Energy, Inc.			
Alexander East #A-9			
API #:	15-207-29872	S-T-R:	2-24S-16E
County:	Woodson - KS	Date:	6/16/2022

Casing			
Surface		Longstring	
Size:	7 "	Size:	2 7/8 "
Tally:	43 '	Tally:	1106.6 '
Cement:	8 sx	Bit:	5.875 "
Bit:	9.875 "	Date:	6/20/2022

Top	Base	Formation	
0	2	Soil	
2	17	Sandstone	w/clay
17	154	Shale	
154	215	Lime	
215	247	Shale	
247	297	Lime	
297	300	Shale	
300	316	Lime	
316	318	Shale	
318	380	Lime	
380	384	Shale	
384	388	Lime	
388	433	Lime	Soft
433	435	Shale	
435	437	Lime	
437	443	Shale	
443	448	Lime	
448	455	Shale	
455	467	Lime	
467	472	Shale	
472	475	Lime	
475	478	Shale	
478	479	Lime	
479	498	Shale	
498	567	Lime	
567	571	Shale	
571	822	Lime	
596	599	Shale	
599	618	Lime	
618	789	Shale	
789	797	Lime	
797	809	Shale	
809	822	Lime	
822	830	Shale	
830	832	Lime	
832	885	Shale	
885	892	Lime	
892	898	Shale	

Top	Base	Formation	
898	902	Lime	
902	913	Shale	
913	917	Lime	
917	935	Shale	
935	938	Lime	
938	954	Shale	
954	957	Lime	
957	1005	Shale	
1005	1006	Lime	
1006	1009	Sandy Shale	
1009	1020	Sand	See below
1020		Shale	

Float Equipment			
Qty	Size		
1	2 7/8	Float Shoe	
1	2 7/8	Aluminum Baffle	Set at 1075.60'
3	2 7/8	Centralizers	
1	2 7/8	Casing clamp	

Sand / Core Detail			
Core #1:		Core #2:	
Core #3:		Core #4:	
1009	1012	Laminated sand, good odor, slight bleed	
1012	1016	Good odor, good bleed, slight laminations	
1016	1020	Soft sand, good odor, very good bleed	

Total Depth: 1112

CEMENT TREATMENT REPORT

Customer:	Altavista Energy	Well:	Alexander East A-9, Al-10	Ticket:	EP4980
City, State:	Wellsville, KS	County:	WO, KS	Date:	6/20/2022
Field Rep:	Bryan Miller	S-T-R:	2-24-16	Service:	Longstrings

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

Calculated Slurry - Lead	
Blend:	Econobond 1# PS
Weight:	13.61 ppg
Water / Sx:	7.12 gal / sk
Yield:	1.56 ft^3 / sk
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	bbls
Total Sacks:	0 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
4:00 PM			-	-	on location, held safety meeting
				-	
				-	A-9 - (1112' - 5 7/8" OH, 1106' - 2 7/8", baffle - 1075')
	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 casing TD with 6.22 bbls fresh water
	1.0			-	pressured to 800 PSI, well held pressure
				-	released pressure to set float valve
	4.0			-	washed up equipment
				-	
				-	
				-	Al-10 - (1110' - 5 7/8" OH, 1103' - 2 7/8", baffle - 1071')
	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 with 1# PhenoSeal per sk, cement to surface
	4.0			-	flushed pump clean
	1.0			-	pumped 2 7/8" rubber plug to casing TD with 6.20 bbls fresh water
	1.0			-	pressured to 800 PSI, well held pressure
				-	released pressure to set float valve
	4.0			-	washed up equipment
				-	
6:30 PM				-	left location
				-	
				-	
				-	

CREW		UNIT
Cementer:	Casey Kennedy	931
Pump Operator:	Devin Katzer	238
Bulk:	Trevor Glasgow	247
Bulk:	Keith Detwiler	248

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