KOLAR Document ID: 1667642

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 #:

06/30/2022	07/06/2022	07/06/2022
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-207-29894-00-00
Spot Description:
__ - SE - NE - SE Sec. 2 Twp. 24 S. R. 16 ☑ East ☐ West
1732 Feet from ☐ North / ☑ South Line of Section
393 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-14
Field Name: Vernon
Producing Formation: Squirrel
Elevation: Ground: 1068 Kelly Bushing: 1071
Total Vertical Depth: 1110 Plug Back Total Depth: 1074
Amount of Surface Pipe Set and Cemented at: 40 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 1106
feet depth to: 0 w/ 119 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:** 10/04/2022

Operator Name: Altavista Energy, Inc. Lease Name: ALEXANDER EAST Well #: A-14

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 *(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	1014	+54

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	40	Portland	8	NA
Production	5.875	2.875	6.5	1106	Econobond	119	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: 09/24/2022

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	2				

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
1014	1022

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	1014	1022			25 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-14
Doc ID	1667642

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	40	Portland	8	NA
Production	5.875	2.875	6.5	1106	Econobond	119	See Ticket

McGOWN DRILLING, INC.

Mound City, KS
620.224.7406

Well #			
Altavista Energy, Inc.			
Alexander East #A-14			
API #:	15-207-29894	S-T-R:	2-24S-16E
County:	Woodson - KS	Date:	6/30/2022

Casing			
Surface		Longstring	
Size:	7 "	Size:	2 7/8 "
Tally:	40 '	Tally:	1105.7 '
Cement:	8 sx	Bit:	5.875 "
Bit:	9.875 "	Date:	7/6/2022

Top	Base	Formation	
0	2	Soil	
2	8	Sandstone	
8	144	Shale	
144	158	Lime	
158	169	Shale	
169	216	Lime	
216	231	Shale	
231	429	Lime	
429	462	Shale	
462	464	Lime	
464	475	Sandy Shale	
475	498	Lime	
498	501	Shale	
501	576	Lime	
576	582	Shale	
582	624	Lime	
624	628	Shale	
628	630	Lime	
630	793	Shale	
793	803	Lime	
803	817	Shale	
817	827	Lime	
827	834	Shale	
834	840	Lime	
840	890	Shale	
890	892	Lime	
892	822	Shale	
897	908	Lime	
908	920	Shale	
920	923	Lime	
923	939	Shale	
939	940	Lime	
940	959	Shale	
959	966	Lime	
966	1010	Shale	
1010	1011	Lime	Cap
1011	1013	Sandy Shale	
		Total Depth:	**1110**

Top	Base	Formation	
1013	1014	Lime	Cap
1014	1021	Sand	Good oil show
1021	1085	Sandy Shale	
1085	1097	Lime	
1097		Shale	

Float Equipment

Qty	Size		
1	2 7/8	Float Shoe	
1	2 7/8	Aluminum Baffle	Set at 1073.65'
3	2 7/8	Centralizers	
1	2 7/8	Casing clamp	

Sand / Core Detail

Core #1:		Core #2:	
Core #3:		Core #4:	
1014	1017	Good odor, good bleed to pit, solid sand	
1017	1021	Good odor, good bleed to pit, some shale laminations	

CEMENT TREATMENT REPORT

Customer:	Altavista Energy	**Well:**	Alexander East A-14	**Ticket:**	EP5185
City, State:	Wellsville, KS	**County:**	WO, KS	**Date:**	7/6/2022
Field Rep:	Bryan Miller	**S-T-R:**	2-24-16	**Service:**	Longstring

Downhole Information	
Hole Size:	5 7/8 in
Hole Depth:	1110 ft
Casing Size:	2 7/8 in
Casing Depth:	1105.65 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	baffle
Tool Depth:	1073.65 ft
Displacement:	6.21 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:	33.06 bbls
Total Sacks:	119 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
7:00 PM			-	-	on location, held safety meeting
				-	
	3.5			-	established circulation
	3.5			-	mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
	3.5			-	mixed and pumped 119 sks Econobond cement with 1# PhenoSeal per sk, cement to surface
	3.5			-	flushed pump clean
	1.0			-	pumped 2 7/8" rubber plug to baffle with 6.21 bbls fresh water
	1.0			-	pressured to 800 PSI, well held pressure
				-	released pressure to set float valve
	3.5			-	washed up equipment
				-	
8:00 PM				-	left location
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	

	CREW	UNIT
Cementer:	Casey Kennedy	931
Pump Operator:	Nick Beets	237
Bulk:	Doug Gipson	248
H2O:	Trevor Glasgow	110

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