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 #:

05/14/2024	05/23/2024	05/23/2024
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-207-29957-00-00
Spot Description:
SW- NW- SW- NE Sec. 18 Twp. 26 S. R. 17 ☑ East ☐ West
3380 Feet from ☐ North / ☑ South Line of Section
2420 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: LEONARD Well #: A-50
Field Name: Perry-Halligan
Producing Formation: Squirrel
Elevation: Ground: 1019 Kelly Bushing: 1022
Total Vertical Depth: 948 Plug Back Total Depth: 906
Amount of Surface Pipe Set and Cemented at: 22 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 948
feet depth to: 0 w/ 105 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:** Kelsey Cox **Date:** 08/07/2024

Page Two

Operator Name: Altavista Energy, Inc. Lease Name: LEONARD Well #: A-50

Sec. 18 Twp. 26 S. R. 17 ☑ 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	846	+173

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	22	Portland	8	NA
Production	5.875	2.875	6.5	938	Econobond	105	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: 07/03/2024

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
846	856

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	846	856			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	LEONARD A-50
Doc ID	1789641

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	22	Portland	8	NA
Production	5.875	2.875	6.5	938	Econobon d	105	See Ticket

WoCo Drilling LLC

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

Operator License # 34350	API # 15-207-29957
Operator: Altavista Energy, Inc.	Lease: Leonard
Address: Box 128 Wellsville, Ks 66092-0128	Well # A-50
Phone: 785-883-4057	Spud Date: 5/14/2024 Completed: 5/23/2024
Contractor License: 33900	Location: Sec: 18 TWP: 26s R: 17e
T.D. 948 Bite Size: 5.875	3380' FSL
Surface Pipe Size: 7" Surface Depth: 22'	2420' FEL
Kind of Well: oil	County: Woodson

Drilling Log

Strata	From	To	Strata	From	To
Soil	0	5	Shale	756	786
Clay	5	19	Lime4	786	804
Lime	19	43	Shale	804	843
Shale	43	153	Badly Broken Sand	843	847
Lime	153	178	Oil Sand	847	855
Shale	178	216	Broken Sand	855	861
Lime	216	259	Badly Broken Sand	861	863
Shale	259	336	Sandy Shale	863	869
Lime	336	358	Shale	869	948
Shale	358	362			
Lime	362	405			
Shale	405	412	TD 948'		
Lime	412	477			
Shale	477	482			
Lime	482	495	Ran 2-7/8" Pipe To 938 '		
Shale	495	624			
Lime	624	648			
Blue Shale	648	654			
Broken Oil Sand	654	660	Cemented Surface With		
Broken Sand	660	662	8 Sacks		
Sandy Shale	662	667			
Shale	667	674			
Lime	674	678			
Shale	678	723			
Lime	723	727			
Shale	727	729			
Lime	729	733			
Shale	733	750			
Lime	750	756			

CEMENT TREATMENT REPORT

Customer:	Altavista Energy	Well:	Leonard, #A-50	Ticket:	EP13518
City, State:		County:	WO, KS	Date:	5/23/2024
Field Rep:	Brian Miller	S-T-R:	18-26-17	Service:	L/S

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	in	Blend:	EconoBond 1# PS	Blend:	
Hole Depth:	948 ft	Weight:	13.5 ppg	Weight:	ppg
Casing Size:	2 7/8 in	Water / Sx:	7.1 gal / sx	Water / Sx:	gal / sx
Casing Depth:	938 ft	Yield:	1.56 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:	Baffle	Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	906 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
10:00 AM			-	-	On location, held safety meeting
				-	
	4.0			-	Hooked to the 2 7/8" casing , Established circulation
	4.0			-	Mixed and pumed 200# of bentonite gel followed by 4 BBL of fresh water
	4.0			-	Mixed and pumped 105 sks of Econobond cement with 1# PS, Cement to surface
	4.0			-	Flushed pump and lines clean, displaced 1 2 7/8" with 5.1 BBL of fresh water
	1.0	800.0		-	Landed rubber plug with 800 PSI, well held pressure, released pressure to set float valve
	4.0			-	Washed up equipment
				-	
11:00 AM				-	Left location
				-	

	CREW	UNIT
Cementer:	Garrett S.	97
Pump Operator:	Nick B	209
Bulk #1:	Drew B	248
Bulk #2:	Devin K	110

SUMMARY		
Average Rate	Average Pressure	Total Fluid
3.5 bpm	800 psi	- bbls