KOLAR Document ID: 1789324

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 #:

07/02/2024 Spud Date or Recompletion Date
07/08/2024 Date Reached TD
07/08/2024 Completion Date or Recompletion Date

API No.: 15-031-24701-00-00
Spot Description:
SE - SE - SW - NW Sec. 14 Twp. 22 S. R. 16 ☑ East ☐ West
2805 Feet from ☐ North / ☑ South Line of Section
4125 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 #: 37
Field Name: Unnamed
Producing Formation: Squirrel
Elevation: Ground: 1035 Kelly Bushing: 1038
Total Vertical Depth: 1121 Plug Back Total Depth: 1082
Amount of Surface Pipe Set and Cemented at: 42 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 1121
feet depth to: 0 w/ 100 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:** 08/05/2024

Operator Name: Altavista Energy, Inc. Lease Name: MARJORIE CROTTS Well #: 37

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	1021	+14

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	42	Thixoblend	20	See Ticket
Production	5.875	2.875	6.5	1110	Thixoblend	100	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: 08/01/2024

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	5				

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
1021	1031

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	1021	1031			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 37
Doc ID	1789324

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	42	Thixoblend	20	See Ticket
Production	5.875	2.875	6.5	1110	Thixoblend	100	See Ticket

WoCo Drilling LLC

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

Operator License # 34350	API # 15-031-24701
Operator: Altavista Energy Inc.	Lease: Marjorie Crotts
Address: P O Box 128 Wellsville, Ks 66092-0128	Well # 37
Phone: 785-883-4057	Spud Date: 7-2-2024 Completed: 7-8-2024
Contractor License: 33900	Location: Sec: 14 TWP: 22s R: 16e
T.D. 1121 Bite Size: 5.875"	2805 FSL
Surface Pipe Size: 7" Surface Depth:42'	4125 FEL
Kind of Well: Oil	County: Coffey

Drilling Log

Strata	From	To	Strata	From	To
Soil	0	6	Lime	990	992
Clay	6	23	Shale	992	1008
Clay & Sandstone	23	35	Circulated Shale	1008	1014
Shale	35	230	Lime Cap	1014	1015
Lime	230	281	Shale	1015	1018
Shale	281	361	Brkn Oil Sand	1018	1020
Lime	361	389	Oil Sand	1020	1028
Shale	389	425	Brkn Oil Sand	1028	1030
Lime	425	454	Sandy Shale	1030	1034
Shale	454	469	Shale	1034	1121
Lime	469	503			
Shale	503	525			
Lime	525	598			
Shale	598	`605	TD 1121'		
Lime	605	628			
Shale	628	633	Ran 2-7/8" Pipe		
Lime	633	656	To 1110"		
Shale	656	829			
Lime	829	839	Hurrican Cemented		
Shale	839	898	Surface 42' of 7"		
Lime	898	903			
Shale	903	921			
Lime	921	927			
Shale	927	946			
Lime	946	950			
Shale	950	971			
Lime	971	975			
Shale	975	990			

CEMENT TREATMENT REPORT

Customer:	Altavista Energy	**Well:**	Marjorie Crotts,#I-31, #A-37	**Ticket:**	EP14044
City, State:		**County:**	CF, KS	**Date:**	7/2/2024
Field Rep:	Bryan Miller	**S-T-R:**		**Service:**	LS

Downhole Information	
Hole Size:	5 5/8 in
Hole Depth:	1115 ft
Casing Size:	2 78 in
Casing Depth:	1100 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	Baffle
Tool Depth:	1069 ft
Displacement:	6.1 bbls

Calculated Slurry - Lead	
Blend:	Thixo 1#PS
Weight:	13.7 ppg
Water / Sx:	8.9 gal / sx
Yield:	1.83 ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	bbls
Total Sacks:	sx

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

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
1:30 PM			-	-	On location Held safety meeing
				-	
				-	Washed well while we waited on rig
				-	#I-31
2:30 PM	4.0			-	Established circulation with fresh water
	4.0			-	Mixed and pumped 200# of bentonite gel followed by 4 BBL of fresh water
	4.0	250.0		-	Mixed and pumped 100 sks of Thixo cement with 1# PS, Cement to surface
	4.0			-	Flushed pump and line clean
	4.0	250.0		-	Displaced 2 7/8" rubber plug with 6.2 BBL of fresh water
	1.0	800.0		-	Pressured up well to 800PSI and shut in, well held pressure
				-	Released pressure to set float valve
	4.0				Washed up equipment and moved
					#A-37 Rig set 45' of surface pipe
					Hooked to surface and established rate
					Mixed and pumped 20sks of thixo cement with 1#PS
					Displaced cement with 1.5 BBL of water, shut in casing , cement to surface
					Washed up equipment
6:00 PM					Left location

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

SUMMARY		
Average Rate	Average Pressure	Total Fluid
3.6 bpm	433 psi	- bbls

CEMENT TREATMENT REPORT

Customer:	Altavista Energy	**Well:**	Marjorie Crotts,#37, #38	**Ticket:**	EP14081
City, State:		**County:**	CF, KS	**Date:**	7/8/2024
Field Rep:	Bryan Miller	**S-T-R:**		**Service:**	LS

Downhole Information	
Hole Size:	5 5/8 in
Hole Depth:	1120 ft
Casing Size:	2 78 in
Casing Depth:	1110 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	Baffle
Tool Depth:	1080 ft
Displacement:	6.1 bbls

Calculated Slurry - Lead	
Blend:	Thixo 1#PS
Weight:	13.7 ppg
Water / Sx:	8.9 gal / sx
Yield:	1.83 ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	bbls
Total Sacks:	sx

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

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
			-	-	
				-	
2:30 PM				-	On location Held safety meeting
				-	
	4.0			-	Established circulation with fresh water
	4.0			-	Mixed and pumped 200# of bentonite gel followed by 4 BBL of fresh water
	4.0	250.0		-	Mixed and pumped 100 sks of Thixo cement with 1# PS, Cement to surface
	4.0			-	Flushed pump and line clean
	4.0	250.0		-	Displaced 2 7/8" rubber plug with 6.2 BBL of fresh water
	1.0	800.0		-	Pressured up well to 800PSI and shut in, well held pressure
				-	Released pressure to set float valve
	4.0				Washed up equipment and moved
					#38 Rig set 45' of surface pipe
					Hooked to surface and established rate
					Mixed and pumped 20sks of thixo cement with 1#PS
					Displaced cement with 1.5 BBL of water, shut in casing , cement to surface
					Washed up equipment
5:30 PM					Left location

	CREW	UNIT
Cementer:	Garrett S.	97
Pump Operator:	Nick B	209
Bulk #1:	Drew B	189
Bulk #2:	Cooper R	110

SUMMARY		
Average Rate	**Average Pressure**	**Total Fluid**
3.6 bpm	433 psi	- bbls