KOLAR Document ID: 1788999

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 #:

06/20/2024 Spud Date or Recompletion Date
06/21/2024 Date Reached TD
06/21/2024 Completion Date or Recompletion Date

API No.: 15-031-24694-00-00
Spot Description:
NW - NE - SE - NW Sec. 14 Twp. 22 S. R. 16 ☑ East ☐ West
3795 Feet from ☐ North / ☑ South Line of Section
3135 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 #: 34
Field Name: Unnamed
Producing Formation: Squirrel
Elevation: Ground: 1039 Kelly Bushing: 1042
Total Vertical Depth: 1155 Plug Back Total Depth: 1113
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: 1155
feet depth to: 0 w/ 120 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:** 08/02/2024

Operator Name: Altavista Energy, Inc. Lease Name: MARJORIE CROTTS Well #: 34

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	1026	+13

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	71	See Ticket
Production	5.875	2.875	6.5	1144	Thixoblend	120	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: 07/16/2024

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
1026	1044

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	1026	1044			56 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 34
Doc ID	1788999

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	71	See Ticket
Production	5.875	2.875	6.5	1144	Thixoblend	120	See Ticket

WoCo Drilling LLC

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

Operator License # 34350	API # 15-031-24694
Operator: Altavista Energy Inc.	Lease: Marjorie Crotts
Address: P O Box 128 Wellsville, Ks 66092-0128	Well # 34
Phone: 785-883-4057	Spud Date: 6/20/2024 Completed: 6/21/2024
Contractor License: 33900	Location: Sec: 14 TWP: 22s R: 16e
T.D. 1151 Bite Size: 5.875	3795' FSL
Surface Pipe Size: 7" Surface Depth: 42'	3135' FEL
Kind of Well: Oil	County: Coffey

Drilling Log

Strata	From	To	Strata	From	To
Soil	0	5	Shale	977	983
Clay & Sand	5	30	Lime	983	989
Sandstone	30	38	Shale	989	1017
Shale	38	231	Sandy Shale Oil Spots	1017	1023
Lime	231	284	Brkn Oil Sand	1023	1028
Shale	284	368	Oil Sand	1028	1040
Lime	368	384	Brkn Oil Sand	1040	1044
Shale	384	387	Sandy Shale	1044	1050
Lime	387	393	Shale	1050	1152
Shale	393	433			
Lime	433	454			
Shale	454	457	TD 1152		
Lime	457	493			
Shale	493	500			
Lime	500	523	Ran 2-7/8" Pipe		
Shale	523	531	1142		
Lime	531	603			
Shale	603	610			
Lime	610	663	Hurrican Cemented		
Shale	663	836	42' of 7" Surface		
Lime	836	846			
Shale	846	903			
Lime	903	907			
Shale	907	926			
Lime	926	933			
Shale	933	950			
Lime	950	956			
Shale	956	972			
Lime	972	977			

CEMENT TREATMENT REPORT

Customer:	Altavista Energy	**Well:**	Marjorie Crotts #33,#34	**Ticket:**	EP13873
City, State:		**County:**	CF, KS	**Date:**	6/20/2024
Field Rep:	Bryan Miller	**S-T-R:**		**Service:**	LS

Downhole Information	
Hole Size:	5 5/8 in
Hole Depth:	1146 ft
Casing Size:	2 78 in
Casing Depth:	1136 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	Baffle
Tool Depth:	1105 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
11:00 AM			-	-	On location Held safety meeing
				-	
				-	Waited for rig to run casing
				-	#33
	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 115 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 6.3 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
					#34 Rig set 45' of surface pipe
					Hooked to surface and established rate, lost circulation
					Mixed and pumped 71sks of thixo cement with 1#PS 40 # of cottonseed hulls
					Displaced cement with 1.5 BBL of water, shut in casing , cement to surface
					Washed up equipment
2:00 PM					Left location

CREW		UNIT
Cementer:	Garrett S.	97
Pump Operator:	Nick B	209
Bulk #1:	Drew B	189
Bulk #2:	Cooper R	126

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

CEMENT TREATMENT REPORT

Customer:	Altavista Energy	**Well:**	Marjorie Crotts #34,#35	**Ticket:**	EP13909
City, State:		**County:**	CF, KS	**Date:**	6/24/2024
Field Rep:	Bryan Miller	**S-T-R:**		**Service:**	LS

Downhole Information	
Hole Size:	5 5/8 in
Hole Depth:	1152 ft
Casing Size:	2 78 in
Casing Depth:	1145 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	Baffle
Tool Depth:	1117 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 meeing
				-	
				-	Waited for rig to run casing
				-	#34
	4.0			-	Established circulation with fresh water
	4.0			-	Mixed and pumped 300# of bentonite gel followed by 4 BBL of fresh water
	4.0	250.0		-	Mixed and pumped 120 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 6.6 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
					#35 Rig set 45' of surface pipe
					Hooked to surface and established rate
					Mixed and pumped 26sks of thixo cement with 1#PS
					Displaced cement with 1.5 BBL of water, shut in casing , cement to surface
					Washed up equipment
7:30 PM					Left location

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

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