KOLAR Document ID: 1759507

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 #:

11/15/2023 Spud Date or Recompletion Date
11/17/2023 Date Reached TD
11/17/2023 Completion Date or Recompletion Date

API No.: 15-031-24679-00-00
Spot Description:
SW - NE - SE - SW Sec. 14 Twp. 22 S. R. 16 ☑ East ☐ West
825 Feet from ☐ North / ☑ South Line of Section
3175 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 #: 6
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 1031 Kelly Bushing: 1034
Total Vertical Depth: 1115 Plug Back Total Depth: 1068
Amount of Surface Pipe Set and Cemented at: 55 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 1115
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:** Todd Bryant **Date:** 03/04/2024

Operator Name: Altavista Energy, Inc. Lease Name: MARJORIE CROTTS Well #: 6

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	1011	+20

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	55	Thixo	31	See Ticket
Production	5.875	2.875	6.5	1096	Thixo	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: 12/13/2023

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	5.0				

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
1011	1021

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	1011	1021			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 6
Doc ID	1759507

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	55	Thixo	31	See Ticket
Production	5.875	2.875	6.5	1096	Thixo	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 # 15-031-24679
Operator: Altavista Energy, Inc.	Lease: Marjorie Crotts
Address: Box 128, Wellsville, Ks. 66092-0128	Well # 6
Phone: 785-883-4057	Spud Date: 11/15/2023 Completed11/17/2023
Contractor License: 33900	Location: Sec: 14 TWP: 22s R: 16e
T.D. 1115 Bite Size: 5.875	825 FSL
Surface Pipe Size: 45' Surface Depth: 45'	3175 FEL
Kind of Well: Oil	County: Coffey

Drilling Log

Strata	From	To	Strata	From	To
Soil	0	5	Shale	922	937
Clay	5	35	Lime	937	940
Sand & Gravel	35	40	Shale	940	955
Shale	40	215	Lime	955	964
Lime	215	290	Shale	964	972
Shale	290	352	Lime	972	976
Lime	352	369	Shale	976	1005
Shale	369	374	Lime Cap	1005	1007
Lime	374	382	Shale	1007	1010
Shale	382	413	Oil Sand	1010	1022
Lime	413	483	Brk Oil Sand	1022	1024
Shale	483	491	Shale	1024	1115
Lime	491	494			
Shale	494	528			
Lime	528	592	TD 1115		
Shale	592	596			
Lime	596	629	Ran 2-7/8" Casing		
Shale	629	634	To 1095.80		
Lime	634	650			
Shale	650	827	Surface Cemented By		
Lime	827	835	Hurricane		
Shale	835	843			
Lime	843	847			
Shale	847	872			
Lime	872	875			
Shale	875	889			
Lime	889	895			
Shale	895	918			
Lime	918	922			

CEMENT TREATMENT REPORT

Customer:	Altavista Energy	**Well:**	Marjorie Crotts 3, 6	**Ticket:**	EP11436
City, State:	Wellsville, KS	**County:**	CF, KS	**Date:**	11/15/2023
Field Rep:	Bryan Miller	**S-T-R:**	14-22-16	**Service:**	LS & Surface

Downhole Information	
Hole Size:	5 5/8 in
Hole Depth:	1116 ft
Casing Size:	2 7/8 in
Casing Depth:	1110.55 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	baffle
Tool Depth:	1072.35 ft
Displacement:	6.21 bbls

Calculated Slurry - Lead	
Blend:	Thixo 1# PS
Weight:	13.70 ppg
Water / Sx:	8.90 gal / sk
Yield:	1.83 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
				-	
4:30 PM				-	crew on location, held safety meeting
				-	
				-	waited for rig to finish running casing and move off location
				-	
5:30 PM				-	moved in, rigged up **Marjorie Crotts 3 - Longstring**
				-	well was flowing prior to cementing
	4.0			-	established circulation
	4.0			-	mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
	4.0			-	mixed and pumped 100 sks Thixo cement w/ 1# PS per sk, cement to surface
	4.0			-	flushed pump clean
	1.0			-	pumped 2 7/8" rubber plug to baffle w/ 6.21 bbls fresh water
	1.0			-	pressured to 800 PSI, shut in annulus, well held pressure
				-	released pressure to set float valve, float held
	4.0			-	washed up equipment
				-	
6:15 PM				-	waited for rig to finish drilling surface and land casing **Marjorie Crotts 6 - Surface**
				-	45' - 7", 47' - OH
6:45 PM				-	moved in, rigged up
	4.0			-	established circulation
	4.0			-	mixed and pumped 31 sks Thixo cement w/ 1# PS per sk, cement to surface
	4.0			-	displaced cement w/ 1.5 bbls fresh water, shut in casing
	4.0			-	washed up equipment
				-	
7:15 PM				-	left location
				-	

	CREW	UNIT
Cementer:	Casey Kennedy	931
Pump Operator:	Nick Beets	209
Bulk:	Wes Callahan	189
H2O:	Keith Detwiler	110

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

CEMENT TREATMENT REPORT

Customer:	Altavista Energy	**Well:**	Majorie Crotts #6, #8	**Ticket:**	EP11465
City, State:		**County:**	CF, KS	**Date:**	11/17/2023
Field Rep:	Bryan Miller	**S-T-R:**		**Service:**	Surface/ LS

Downhole Information	
Hole Size:	5 5/8 in
Hole Depth:	1095 ft
Casing Size:	2 78 in
Casing Depth:	1095 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	Baffle
Tool Depth:	1067 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 AM			-	-	On location Held safety meeing
				-	
	4.0			-	#8 Hooked to surafce casing and established circulation
	4.0			-	Mixed and pumped 40 sks of H-325 cement **Marjorie Crotts 8 - Surface**
	4.0			-	Displaced with 1BBL of fresh water
	4.0			-	Washed up equipment
3:00 AM				-	Moved locations
				-	
				-	
				-	#6
4:00 PM				-	Waited for rig to run casing and move out of the way **Marjorie Crotts 6 - Longstring**
					Well was flowing before cementing in the casing
	4.0				Establish circulation
	4.0				Mixed and pumped 200# of bentonite Gel followed by 4 BBL of fresh water
	4.0				Mixed and pumped 100 sks of Thixo cement with 1# PS, Cement to surface
	4.0				Flushed pump and line clean
	4.0				Displaced 2 7/8" rubber plug with 6.1 BBL of fresh water
	1.0				Pressured up well to 800PSI and shut in, well held pressure
					Released pressure to set float valve
	4.0				Washed up equipment
6:00 PM					Left Location

	CREW	UNIT
Cementer:	Garrett S.	97
Pump Operator:	Nick B	209
Bulk #1:	Keith D	189
Bulk #2:	Wes C	124

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