KOLAR Document ID: 1834969

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 #:

12/26/2024 Spud Date or Recompletion Date
12/30/2024 Date Reached TD
12/30/2024 Completion Date or Recompletion Date

API No.: 15-031-24707-00-00
Spot Description:
__ - W2 - NW - SW Sec. 14 Twp. 22 S. R. 16 ☑ East ☐ West
1980 Feet from ☐ North / ☑ South Line of Section
4950 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: SAUDER Well #: 20
Field Name: Unnamed
Producing Formation: Squirrel
Elevation: Ground: 1033 Kelly Bushing: 1036
Total Vertical Depth: 1095 Plug Back Total Depth: 1057
Amount of Surface Pipe Set and Cemented at: 50 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 1095
feet depth to: 0 w/ 95 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:** 03/21/2025

Operator Name: Altavista Energy, Inc. Lease Name: SAUDER Well #: 20

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 ☐ 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	1018	+15

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	50	Thixo	25	See Ticket
Production	5.875	2.875	6.5	1089	Thixo	95	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: 03/17/2025

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	1				

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
1018	1024

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	1018	1024			19 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	SAUDER 20
Doc ID	1834969

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	50	Thixo	25	See Ticket
Production	5.875	2.875	6.5	1089	Thixo	95	See Ticket

McGOWN DRILLING, INC.

Mound City, KS
620.224.7406

Well #			
Altavista Energy Sauder #20			
API #:	031-24707	S-T-R:	14-22S-16E
County:	Coffey Co., KS	Date:	12/26/2024

Casing			
Surface		Longstring	
Size:	7 "	Size:	2 7/8 "
Tally:	50.0 '	Tally:	1088.9 '
Cement:	HSI sx	Bit:	5 7/8 "
Bit:	9 7/8 "	Date:	12/30/2024

Top	Base	Formation	
0	2	soil	
2	30	clay	
30	37	Gravel	
37	45	clay	
45	227	shale	
227	342	lime	
342	375	shale	
375	389	lime	
389	398	shale	
398	401	lime	
401	418	limy shale	
418	435	lime	
435	437	shale	
437	489	lime	
489	498	shale	
498	503	lime	
503	535	shale	
535	537	lime	
537	442	shale	
#REF!			
442	598	lime	
#REF!			
598	606	shale	
606	653	lime	
653	812	shale	Big shale
812	819	lime	
819	833	shale	
833	842	lime	
842	858	shale	
858	859	lime	
859	896	shale	
896	901	lime	
901	924	shale	
924	928	lime	
928	1013	shale	
1013	1014	lime	cap
1014	1017	shale	
		Total Depth:	**1095**

Top	Base	Formation	
1017	1018	lime	cap
1018	1024	sand	
1024	1027	sandy shale	slight odor
1027		shale	

Float Equipment

Qty	Size		
1	2 7/8	Float Shoe	
1	2 7/8	Aluminum Baffle	set at 1057.30
3	2 7/8	Centralizers	
1	2 7/8	Casing clamp	

Sand / Core Detail

Core #1:	Core #2:
Core #3:	Core #4:

1018	1020	good odor, slight bleed broken
1020	1024	good odor, good bleed, broken

CEMENT TREATMENT REPO

Customer:	Altavista Energy	**Well:**	Sauder #23, #20	**Ticket:**	EP16143
City, State:		**County:**	CF, KS	**Date:**	12/26/2024
Field Rep:	Bryan Miller	**S-T-R:**	14-22-16	**Service:**	LS & surface

Downhole Information	
Hole Size:	5 5/8 in
Hole Depth	1095 ft
Casing Size:	2 78 in
Casing Depth:	1092 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	Baffle
Tool Depth:	1060 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
6:30 PM			-	-	On location Held safety meeing
				-	
				-	
				-	#23
	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
					#20 Rig set 50' of surface pipe
					Hooked to surface and established rate
					Mixed and pumped 25sks of thixo cement with 1#PS,
					Displaced cement with 1.5 BBL of water, shut in casing
					Washed up equipment
7:30 PM					Left location

CREW		UNIT
Cementer:	Garrett S.	248
Pump Operator:	Nick B	209
Bulk #1:	Sam B	110
Bulk #2:	Logan W	

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

CEMENT TREATMENT REPO

Customer:	Altavista Energy	**Well:**	Sauder #17,#20	**Ticket:**	EP16158
City, State:		**County:**	CF, KS	**Date:**	12/30/2024
Field Rep:	Bryan Miller	**S-T-R:**	14-22-16	**Service:**	LS & surface

Downhole Information	
Hole Size:	5 5/8 in
Hole Depth	1092 ft
Casing Size:	2 78 in
Casing Depth:	1088 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	Baffle
Tool Depth:	1057 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
12:00 AM			-	-	On location Held safety meeing
				-	
				-	
				-	#20
	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 95 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
					#17 Rig set 43' 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
					Washed up equipment
1:30 PM					Left location

CREW		UNIT
Cementer:	Garrett S.	957
Pump Operator:	Nick B	209
Bulk #1:	Drew B	248
Bulk #2:	Logan W	

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