KOLAR Document ID: 1667665

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 #:

06/15/2022	06/16/2022	06/16/2022
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-207-29869-00-00
Spot Description:
__ - SW - NW - NW Sec. 1 Twp. 24 S. R. 16 ☑ East ☐ West
4359 Feet from ☐ North / ☑ South Line of Section
5193 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: JONES Well #: WSW-2
Field Name: Vernon
Producing Formation: Kansas City
Elevation: Ground: 1079 Kelly Bushing: 1082
Total Vertical Depth: 610 Plug Back Total Depth: 605
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: 610
feet depth to: 0 w/ 80 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 40 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:** David Befort **Date:** 11/07/2022

Page Two

Operator Name: Altavista Energy, Inc. Lease Name: JONES Well #: WSW-2

Sec. 1 Twp. 24 S. R. 16 ☑ 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
Kansas City	400	+679

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	12.25	8.625	24	42	Portland	8	NA
Production	6.75	4.5	10.5	605	HD5055	80	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: 10/12/2022

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
			100		

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
400	428

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	400	428			87 Perfs - 3.375" DP 21 Gr. T. ECG

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	JONES WSW-2
Doc ID	1667665

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	12.25	8.625	24	42	Portland	8	NA
Production	6.75	4.5	10.5	605	HD5055	80	See Ticket

McGOWN DRILLING, INC.
Mound City, KS
620.224.7406

Well #				Casing			
Altavista Energy, Inc. Jones WSW-2				Surface		Longstring	
				Size:	8 5/8 "	Size:	4 1/2 "
				Tally:	42 '	Tally:	605.2 '
API #:	15-207-29869	S-T-R:	1-24S-16E	Cement:	8 sx	Bit:	6.75 "
County:	Woodson - KS	Date:	6/15/2022	Bit:	11 "	Date:	6/16/2022

Top	Base	Formation	
0	4	Soil	
4	20	Clay	
20	165	Shale	
165	185	Lime	
185	195	Sandy Lime	
195	224	Lime	
224	270	Shale	
270	318	Lime	
318	319	Shale	
319	330	Lime	
330	335	Shale	
335	382	Lime	
382	437	Lime	Soft
437	443	Lime	
443	463	Shale	
463	467	Lime	
467	469	Shale	
469	471	Lime	
471	474	Shale	
474	475	Lime	
475	487	Sandy Shale	
487	489	Lime	
489	491	Shale	
491	493	Lime	
493	506	Shale	
506	508	Lime	
508	822	Shale	
510	574	Lime	KC
574	578	Shale	
578		Lime	KC

Top	Base	Formation

Float Equipment

Qty	Size	
1	4.5"	Float Shoe
1	4.5"	Casing clamp
3	4.5"	Centralizers

Sand / Core Detail

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

Total Depth: 610

CEMENT TREATMENT REPORT

Customer:	Altavista Energy	**Well:**	Jones A-3, WSW-2	**Ticket:**	EP4943
City, State:	Wellsville, KS	**County:**	WO, KS	**Date:**	6/16/2022
Field Rep:	Bryan Miller	**S-T-R:**	1-24-16	**Service:**	Longstrings

Downhole Information	
Hole Size:	in
Hole Depth:	ft
Casing Size:	in
Casing Depth:	ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	bbls

Calculated Slurry - Lead	
Blend:	HD5055
Weight:	13.90 ppg
Water / Sx:	5.93 gal / sk
Yield:	1.37 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
3:00 PM			-	-	on location, held safety meeting
				-	
				-	Jones A-3 - 1098' - 5 7/8", 1084' - 2 7/8", baffle - 1052' = 6.09 bbls
	4.0			-	established circulation
	4.0			-	mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
	4.0			-	mixed and pumped 140 sks HD5055 cement, cement to surface
	4.0			-	flushed pump clean
	1.0			-	pumped 2 7/8" rubber plug to baffle with 6.09 bbls fresh water
	1.0			-	pressured to 800 PSI, well held pressure
				-	released pressure to set float valve
	4.0			-	washed up equipment
				-	
				-	
				-	Jones WSW-2 - 610' - 6 3/4", 605.20' - 4 1/2" = 9.65 bbls
	4.0			-	established circulation
	4.0			-	mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
	4.0			-	mixed and pumped 3 bbls dye marker
	4.0			-	mixed and pumped 80 sks HD5055 cement
	4.0			-	dye marker to surface
	4.0			-	flushed pump clean
	2.0			-	pumped 4 1/2" rubber plug to casing TD with 9.65 bbls fresh water
	1.0			-	pressured to 800 PSI, well held pressure
				-	released pressure to set float valve
	4.0			-	washed up equipment
				-	
5:30 PM				-	left location
				-	

	CREW	UNIT
Cementer:	Casey Kennedy	931
Pump Operator:	Devin Katzer	238
Bulk:	Trevor Glasgow	246
H2O:	Pat Sanborn	124

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