





Form	ACO1 - Well Completion
Operator	Altavista Energy, Inc.
Well Name	SAUDER 19
Doc ID	1826867

#### 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	43	Econobond	20	See Ticket
Production	5.875	2.875	6.5	1114	Econobond	105	See Ticket

# WoCo Drilling LLC

1135 30<sup>th</sup> Rd

Yates Center, Kansas 66783

Steve 620-330-6328

Nick 620-228-2320

Operator License # 34350	API # 15-031-24704
Operator: Altavista Energy Inc.	Lease: Sauder
Address: P O Box 128 Wellsville, Ks 66092-0128	Well # 19
Phone: 785-883-4057	Spud Date: 10/25/2024 Completed: 10/29/2024
Contractor License: 33900	Location: Sec: 14 TWP: 22s R: 16e
T.D. 1124 Bite Size: 5.875	2310 FSL
Surface Pipe Size: 7" Surface Depth: 43'	4290 FEL
Kind of Well: Oil	County: Coffey

## Drilling Log

Strata	From	To	Strata	From	To
Soil	0	6	Shale	928	946
Clay	6	26	Lime	946	949
Sandstone	26	38	Shale	949	961
Shale	38	226	Lime	961	964
Lime	226	275	Shale	964	978
Shale	275	369	Lime	978	982
Lime	369	380	Shale	982	1015
Shale	380	386	Lime	1015	1017
Lime	386	394	Shale	1017	1020
Shale	394	423	Lime Cap	1020	1021
Lime	423	485	Brkn Oil Sand	1021	1025
Shale	485	495	Oil Sand	1025	1027
Lime	495	502	Brkn Oil Sand	1027	1029
Shale	502	535	Sandy Shale	1029	1031
Lime	535	598	Shale	1031	1124
Shale	598	604			
Lime	604	655			
Shale	655	812	TD 1124		
Lime	812	816			
Shale	816	824	Ran 2-7/8" Pipe		
Lime	824	845	To 1114'		
Shale	845	866			
Lime	866	869	Hurricane Cemented		
Shale	869	895	Surface 43' Of 7"		
Lime	895	900			
Shale	900	912			
Lime	912	916			
Shale	916	924			
Lime	924	928			

**CEMENT TREATMENT REPORT**

Customer:	Altavista Energy	Well:	Sauder #22,#19	Ticket:	EP15327
City, State:		County:	CF, KS	Date:	10/24/2024
Field Rep:	Bryan Miller	S-T-R:	14-22-16	Service:	LS

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	5 5/8 in	Blend:	Thixo 1#PS	Blend:	
Hole Depth:	1105 ft	Weight:	13.7 ppg	Weight:	ppg
Casing Size:	2 7/8 in	Water / Sx:	8.9 gal / sx	Water / Sx:	gal / sx
Casing Depth:	1101 ft	Yield:	1.83 ft <sup>3</sup> / sx	Yield:	ft <sup>3</sup> / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:	Baffle	Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	1070 ft	Excess:		Excess:	
Displacement:	6.2 bbls	Total Slurry:	bbls	Total Slurry:	0.0 bbls
		Total Sacks:	sx	Total Sacks:	0 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
10:30 AM			-	-	On location Held safety meeing
				-	
				-	
				-	#22
	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 108 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
					#19 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
					Washed up equipment
12:30 PM					Left location

CREW		UNIT	SUMMARY		
Cementer:	Garrett S.	957	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Nick B	209	3.6 bpm	433 psi	- bbls
Bulk #1:	Drew	248			
Bulk #2:	Doug G	303			

**CEMENT TREATMENT REP**

Customer:	Altavista Energy	Well:	Sauder #19,#18	Ticket:	EP15372
City, State:		County:	CF, KS	Date:	10/29/2024
Field Rep:	Bryan Miller	S-T-R:	14-22-16	Service:	LS

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	5 5/8 in	Blend:	Thixo 1#PS	Blend:	
Hole Depth:	1120 ft	Weight:	13.7 ppg	Weight:	ppg
Casing Size:	2 7/8 in	Water / Sx:	8.9 gal / sx	Water / Sx:	gal / sx
Casing Depth:	1113 ft	Yield:	1.83 ft <sup>3</sup> / sx	Yield:	ft <sup>3</sup> / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:	Baffle	Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	1084 ft	Excess:		Excess:	
Displacement:	6.2 bbls	Total Slurry:	bbls	Total Slurry:	0.0 bbls
		Total Sacks:	sx	Total Sacks:	0 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
10:30 AM			-	-	On location Held safety meeing
				-	
				-	
				-	#19
	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 105 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
					#18 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
					Washed up equipment
12:30 PM					Left location

CREW		UNIT	SUMMARY		
Cementer:	Garrett S.	957	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Nick B	209	3.6 bpm	433 psi	- bbls
Bulk #1:	Drew B	248			
Bulk #2:	Ethan	111			