

Form	ACO1 - Well Completion
Operator	Altavista Energy, Inc.
Well Name	SAUDER 21
Doc ID	1826995

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	25	See Ticket
Production	5.875	2.875	6.5	1111	Econobond	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 # 15-031-24708
Operator: Altavista Energy Inc	Lease: Sauder
Address: P O Box 128 Wellsville, Ks 66092-0128	Well # 21
Phone: 785-883-4057	Spud Date: 11/01/2024 11/26/2024
Contractor License: 33900	Location: Sec: 14 TWP: 22s R: 16e
T.D. 1122' Bite Size: 5.875	1980 FSL
Surface Pipe Size: 7" Surface Depth: 43'	4620 FEL
Kind of Well: Oil	County: Coffey

Drilling Log

Strata	From	To	Strata	From	To
Soil	0	6	Shale	917	921
Clay	6	26	Lime	921	927
Sandstone	26	35	Shale	927	941
Shale	35	224	Lime	941	947
Lime	224	268	Shale	947	962
Shale	268	272	Lime	962	968
Lime	272	359	Shale	968	993
Shale	359	386	Lime	993	995
Lime	386	401	Shale	995	1008
Shale	401	419	Brkn Sand	1008	1009
Lime	419	484	Lime Cap	1009	1010
Shale	484	496	Brkn Oil Sand	1010	1014
Lime	496	502	Oil Sand	1014	1022
Shale	502	542	Brkn Oil Sand	1022	1024
Lime	542	597	Badly Brkn Sand	1024	1026
Shale	597	603	Sandy Shale	1026	1030
Lime	603	651	Shale	1030	1122
Shale	651	811			
Lime	811	818	TD 1122		
Shale	818	830			
Lime	830	841	Ran 2-7/8" Pipe		
Shale	841	858	To 1111		
Lime	858	865			
Shale	865	867	Hurricane Cemented 43'		
Lime	867	875	Of 7" Surface		
Shale	875	898			
Lime	898	906			
Shale	906	914			
Lime	914	917			

**CEMENT TREATMENT REP(**

Customer:	Altavista Energy	Well:	Sauder #18,#21	Ticket:	EP15415
City, State:		County:	CF, KS	Date:	11/1/2024
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:	1128 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:	1108 ft	Yield:	1.83 ft ³ / sx	Yield:	ft ³ / 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:	1080 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
2:00 PM			-	-	On location Held safety meeing
				-	
				-	
				-	#18
	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 110 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
					#21 Rig set 45' 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
5:00 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:	Sam G	248			
Bulk #2:	doug G	303			

[illegible]