

Form	ACO1 - Well Completion
Operator	Altavista Energy, Inc.
Well Name	SAUDER 17
Doc ID	1834967

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	Thixo	20	See Ticket
Production	5.875	2.875	6.5	1090	Thixo	95	See Ticket

McGOWN

DRILLING, INC.

Mound City, KS

620.224.7406

Well #					Casing			
Altavista Energy Sauder #17					Surface		Longstring	
					Size:	7 "	Size:	2 7/8 "
					Tally:	43.0 '	Tally:	1089.8 '
					Cement:	HSI sx	Bit:	5 7/8 "
API #:	031-24705	S-T-R:	14-22S-16E	Bit:	9 7/8 "	Date:	1/2/2025	
County:	Coffey Co., KS	Date:	12/30/2024					
Top	Base	Formation		Top	Base	Formation		
0	2	soil						
2	25	clay				portable pit		
25	30	gravel						
30	225	shale						
225	278	lime						
278	367	shale						
367	381	lime						
381	386	shale						
386	392	lime						
392	418	shale						
418	485	lime						
485	495	shale						
495	499	lime						
499	520	shale						
520	530	lime						
530	542	shale						
542	650	lime						
650	829	shale	big shale	Float Equipment				
829	839	lime		Qty	Size			
839	854	shale		1	2 7/8	Float Shoe		
854	856	lime		1	2 7/8	Aluminum Baffle	set at 1058.20	
856	896	shale		3	2 7/8	Centralizers		
896	901	lime		1	2 7/8	Casing clamp		
901	923	shale						
923	925	lime		Sand / Core Detail				
925	1013	shale		Core #1:		Core #2:		
1013	1014	lime	cap	Core #3:		Core #4:		
1014	1017	shale		1018	1024	good odor, slight bleed, very broken,		
1017	1018	lime	cap			fair to good bleed in samples		
1018	1024	sand						
1024	1026	sandy shale						
1026		shale						
				</				

**CEMENT TREATMENT REP(**

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		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	5 5/8 in	Blend:	Thixo 1#PS	Blend:	
Hole Depth:	1092 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:	1088 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:	1057 ft	Excess:		Excess:	
Displacement:	6.1 bbls	Total Slurry:	bbls	Total Slurry:	0.0 bbls
		Total Sacks:	sx	Total Sacks:	0 sx

TIME	RATE	PSI	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	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:	Logan W				



Remit To: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202
316-303-9515

Customer:

ALTAVISTA ENERGY INC
PO BOX 128
WELLSVILLE, KS 66092-0128

Invoice Date: 1/2/2025
Invoice #: 0381511
Lease Name: Sauder
Well #: 17 (New)
County: Coffey, Ks
Job Number: EP16183
District: East

Date/Description	HRS/QTY	Rate	Total
Longstring	0.000	0.000	0.00
Cement Pump Service	1.000	750.000	750.00
Heavy Eq Mileage	34.000	4.000	136.00
Light Eq Mileage	34.000	2.000	68.00
Ton Mileage-Minimum	1.000	300.000	300.00
Thixatropic	95.000	30.000	2,850.00
Pheno Seal	95.000	1.750	166.25
Vacuum Truck-80bbl	2.000	100.000	200.00
Fresh water	3,360.000	0.020	67.20
2 7/8" Rubber Plug	1.000	40.000	40.00

Total 4,577.45

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/4% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

ftv: 15-2021/01/25
mplv: 477-2024/11/12

