

Form	ACO1 - Well Completion
Operator	Altavista Energy, Inc.
Well Name	MARJORIE CROTTS I-43
Doc ID	1839631

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	45	Thixo	10	See ticket
Production	5.875	2.875	6.5	1071	Thixo	94	See ticket

McGOWN

DRILLING, INC.

Mound City, KS

620.224.7406

Well #					Casing			
Altavista Energy Marjorie Crotts #I-43					Surface		Longstring	
					Size:	7 "	Size:	2 7/8 "
					Tally:	45.0 '	Tally:	1071.4 '
					Cement:	HSI sx	Bit:	5 7/8 "
API #:	031-24719	S-T-R:	14-22S-16E		Bit:	9 7/8 "	Date:	1/24/2025
County:	Coffey	Date:	1/22/2025					
Top	Base	Formation		Top	Base	Formation		
0	2	soil		1008	1009	lime cap		
2	25	clay		1009	1013	shale		
25	30	gravel		1013	1014	lime cap		
30	40	sand stone		1014	1020	sand		
40	195	shale		1020		shale		
195	220	lime						
220	222	shale						
222	280	lime						
280	339	shale						
339	352	lime						
352	355	shale						
355	365	lime						
365	397	shale						
397	408	lime						
408	410	shale						
410	459	lime						
459	469	shale						
469	472	lime		Float Equipment				
472	507	shale		Qty	Size			
507	571	lime		1	2 7/8	Float Shoe		
571	573	shale		1	2 7/8	Aluminum Baffle set at 1039.85		
573	575	lime		3	2 7/8	Centralizers		
575	579	shale		1	2 7/8	Casing clamp		
579	625	lime						
625	630	shale		Sand / Core Detail				
630	640	lime		Core #1:		Core #2:		
640	806	shale		Core #3:		Core #4:		
806	819	lime		1014	1020	good odor good bleed, broken		
819	870	shale						
870	875	lime						
875	897	shale						
897	900	lime						
900	917	shale						
917	918	lime						
918	940	shale						
940	943	lime						
943	1008	shale						
		Total Depth:		1076				

**CEMENT TREATMENT REP(**

Customer: Altavista Energy

Well: Marjorie Crotts #I-32, #I-43

Ticket: EP16303

City, State:

County: CF, KS

Date: 1/22/2025

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 7/8 in
Casing Depth: 1087 ft
Tubing / Liner: in
Depth: ft
Tool / Packer: Baffle
Tool Depth: 1056 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 ft³ / 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: ft³ / sx
Annular Bbls / Ft.: bbs / ft.
Depth: ft
Annular Volume: 0 bbls
Excess:
Total Slurry: 0.0 bbls
Total Sacks: 0 sx

STAGE TOTAL

TIME	RATE	PSI	BBLs	BBLs	REMARKS
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12:00 PM			-	-	On location Held safety meeing
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				-	#I-32
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4.0				-	Established circulation with fresh water
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4.0				-	Mixed and pumped 200# of bentonite gel followed by 4 BBL of fresh water
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4.0				-	Mixed and pumped 90 sks of Thixo cement with 1# PS, Cement to surface
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4.0				-	Flushed pump and line clean
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4.0				-	Displaced 2 7/8" rubber plug with 6.1 BBL of fresh water
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1.0				-	Pressured up well to 800PSI and shut in, well held pressure
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				-	Released pressure to set float valve
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4.0					Washed up equipment and moved
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					#I-43 Rig set surface pipe 44'
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					Hooked to surface and established rate
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					Mixed and pumped 10sks of thixo cement with 1#PS,
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					Displaced cement with 1.5 BBL of water, shut in casing
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					Washed up equipment
--	--	--	--	--	---------------------

3:00 PM					Left location
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CREW**UNIT****SUMMARY**

Cementer: Garrett S.

957

Pump Operator: Nick B

209

Bulk #1: Drew B

248

Bulk #2: Doug G

303

Average Rate

Average Pressure

Total Fluid

3.6 bpm

- psi

- bbls

**CEMENT TREATMENT REP**

Customer:	Altavista Energy	Well:	Marjorie Crofts #I-43, #I-42	Ticket:	EP16329
City, State:		County:	CF, KS	Date:	1/24/2025
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:	
110	1076 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:	1071 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:	1056 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
11:00 AM			-	-	On location Held safety meeing
				-	
				-	
				-	#I-43
	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			-	Mixed and pumped 94 sks of Thixo cement with 1# PS, Cement to surface
	4.0			-	Flushed pump and line clean
	4.0			-	Displaced 2 7/8" rubber plug with 6.1 BBL of fresh water
	1.0			-	Pressured up well to 800PSI and shut in, well held pressure
				-	Released pressure to set float valve
	4.0				Washed up equipment and moved
					#I-42
					Rig drilled surface and lost circulation
					rig pulled bit from well and ran in open ended
					set 10 sk plug while we waited for gel to show up on location
					gel showed up and we gelled the pit heavy
					rig drilled through plug and got circulation back
					rig set 62' of pipe
					Hooked to casing
					mixed and pumped 30 sks of cement to surface
					displaced with 2 BBL of water and shut in casing
					washed up equipment and pipe
4:30 PM					left location

CREW		UNIT	SUMMARY		
Cementer:	Garrett S.	957	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Nick B	209	3.6 bpm	- psi	- bbls
Bulk #1:	Drew B	248			
Bulk #2:	Wes C	110			