

Form	ACO1 - Well Completion
Operator	Altavista Energy, Inc.
Well Name	MARJORIE CROTTS I-13
Doc ID	1759560

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	18	50	Thixo	52	See Ticket
Production	5.875	2.875	6.5	1094	Thixo	125	See Ticket

McGOWN

DRILLING, INC.

Mound City, KS

620.224.7406

Well #					Casing			
Altavisata Energy Marjorie Crotts I 13					Surface		Longstring	
					Size:	7 "	Size:	2 7/8 "
					Tally:	50.0 '	Tally:	1094.1 '
					Cement:	HSI sx	Bit:	5 7/8 "
County:	Coffey	Date:	1/5/2024		Bit:	9 7/8 "	Date:	1/11/2024
Top	Base	Formation		Top	Base	Formation		
0	2	soil		999	1013	sand		
2	30	clay		1013		sandy shale		
30	45	Sand & gravel						
45	212	shale						
212	240	lime						
240	242	shale						
242	268	lime						
268	355	shale						
355	369	lime						
369	374	shale						
374	376	lime						
376	411	shale						
411	472	lime						
472	512	shale						
512	514	lime						
514	530	shale						
530	588	lime						
588	593	shale		Float Equipment				
593	626	lime		Qty	Size			
626	629	shale		1	2 7/8	Float Shoe		
629	641	lime		1	2 7/8	Aluminum Baffle		
641	820	shale		3	2 7/8	Centralizers		
820	828	lime		1	2 7/8	Casing clamp		
828	889	shale						
889	899	lime		Sand / Core Detail				
899	912	shale		Core #1:		Core #2:		
912	917	lime		Core #3:		Core #4:		
917	933	shale		999	1002	Slight odor, no bleed very lamieated		
933	936	lime						
936	954	shale		1002	1013	good odor, good bleed slightly laminated		
954	960	lime				mostly sand		
960	966	shale						
966	968	lime						
968	995	shale				MD Inventory:		
995	996	lime				1- 7" collar		
996	998	shale						
998	999	lime						
		Total Depth:		1099				

**CEMENT TREATMENT REPORT**

Customer:	Altavista Energy	Well:	Marjorie Crotts #I-15, #I-13	Ticket:	EP11957
City, State:		County:	CF, KS	Date:	1/5/2024
Field Rep:	Bryan Miller	S-T-R:		Service:	LS

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	5 5/8 in	Blend:	Thixo 1#PS	Blend:	
Hole Depth:	1094 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:	1091 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:	1060 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
				-	
				-	Waited for rig to run casing
				-	#I-15
1:00 PM	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 115 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 provided by customer with 6.1 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
2:00 PM	4.0				Washed up equipment and moved
					#I-13 Rig set 50' of surface pipe
					Hooked to surface and established rate
					Mixed and pumped 30 sks of thixo cement with 1#PS, lost circulation
					Displaced cement with 1.5 BBL of water, shut in casing
					Filled the backside up with 22sks of cement, annulus stayed full with cement
					Washed up equipment
4:30 PM					Left location

CREW		UNIT	SUMMARY		
Cementer:	Garrett S.	97	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Nick B	209	3.6 bpm	433 psi	- bbls
Bulk #1:	Drew B	248			
Bulk #2:	Trevor g	110			

[illegible]