

Form	ACO1 - Well Completion
Operator	Altavista Energy, Inc.
Well Name	MARJORIE CROTTS I-15
Doc ID	1759638

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	20	See Ticket
Production	5.875	2.875	6.5	1091	Thixo	115	See Ticket

McGOWN

DRILLING, INC.

Mound City, KS

620.224.7406

Well #					Casing			
Altavisata Energy Marjorie Crotts I 15					Surface		Longstring	
					Size:	7 "	Size:	2 7/8 "
					Tally:	50.0 '	Tally:	1091.4 '
					Cement:	HSI sx	Bit:	5 7/8 "
API #:	15-031-24688	S-T-R:	14-22S-16E	Bit:	9 7/8 "	Date:	1/5/2024	
County:	Coffey	Date:	1/3/2024					
Top	Base	Formation	Top	Base	Formation			
0	2	soil						
2	25	clay						
25	41	Sand& gravel						
41	196	shale						
196	292	lime	Making water at 200'					
292	359	shale						
359	369	lime						
369	373	shale						
373	378	lime						
378	414	shale						
414	475	lime						
475	513	shale						
513	515	lime						
515	540	shale						
540	590	lime						
590	597	shale						
597	643	lime						
643	821	shale		Float Equipment				
821	829	lime		Qty	Size			
829	890	shale		1	2 7/8	Float Shoe		
890	900	lime		1	2 7/8	Aluminum Baffle	set at 1059.35	
900	914	shale		3	2 7/8	Centralizers		
914	918	lime		1	2 7/8	Casing clamp		
918	934	shale						
934	937	lime		Sand / Core Detail				
937	959	shale		Core #1:		Core #2:		
959	961	lime		Core #3:		Core #4:		
961	1008	shale		1009	1014	Good odor, good bleed, slightly lamieated, mos		
1008	1009	lime						
1009	1016	sand		1014	1016	good odor heavy bleed solid sand		
1016		sandy shale						

**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			