

Customer K9ms Operating Co. Inc.	Lease No.	Date 9/28/2017
Lease Schroeder C	Well # 9	
Field Order # 15272	Station Pratt, KS	Casing 5 1/2
		Depth 3278
Type Job 242/5 1/2 Long String	Formation 3284	County Ellsworth
		State KS
		Legal Description 34-16-10

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2				Pre Pad	Max		5 Min.	
Depth 3278	Depth	From	To	Pad	Min		10 Min.	
Volume 78	Volume	From	To	Frac	Avg		15 Min.	
Max Press	Max Press	From	To		HHP Used		Annulus Pressure	
Plug Depth 3264	Packer Depth	From	To	Flush Freshwater	Gas Volume		Total Load	

Customer Representative Josh	Station Manager Justin Westerman	Treater Darin Franklin
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Service Units	92911	84981	19843	19889	19860				
Driver Names	Darin	McGrew	McGrew	Clymer	Clymer				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:45 pm					On location / Safety meeting
					150SK DA2 Cement, 25% Cellulose
					25% defosmer, 5 FLA, 5pps silsonite
					5% suspum, 15.0 pps, 1.42 yield, 6.04 wgr
					50SK 60/40 P02, 2% Gel
					14.4 pps, 1.26 yield, 5.74 wgr
8:00 pm	300		5	4 1/2	Pump 5 bbls water
	300		12	4 1/2	Pump 12 bbls Flush
	300		5	4 1/2	Pump 5 bbls water
	300		38	4 1/2	mix 150SK DA2 Cement
					Shut down
					Wash pump & lines & Release Plug
	200		0	5	Start displacement
	400		45	5	Lite Pressure
	700		67	3	Slow Rate
9:45 pm	1500		77	3	Bump Plug
					Flow - Hold
	50		7	3	Plug Rest hole
	50		5	3	Plug mouse hole
					Job Complete / Darin & crew
					Thank you!!

Customer	RAMA Operating Co		Lease No.		Date	9-23-17	
Lease	Schroeder C		Well #	9			
Field Order #	Station	Casing	Depth	County	State		
15509	Pratt	8 7/8	392.40	Ellsworth	KS		
Type Job	2-42 8 7/8 SUKRAE		Formation	RTN 395	Legal Description 34-16-10		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	350 SMS	60/40	RATE	PRESS
8 7/8				CAT				
Depth	Depth	From	To	Pre Pad	290 gal	10 cc	44 #	5 Min.
392.40				Pad				10 Min.
Volume	Volume	From	To	Frac				15 Min.
Max Press	Max Press	From	To	HHP Used				Annulus Pressure
300								
Well Connection	Annulus Vol.	From	To	Flush	23.7	Gas Volume		Total Load

Customer Representative: **Randy Girard** Station Manager: **WESTERMAN** Treater: **MATTAC**

Service Units	83353	54981	20920	19903	73768			
Driver Names	MATTAC	GIRARD		CORB				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:10					ON LOCATION / SAFETY MEETING
					run 8 7/8 23# CSNG
10:57					CSNG ON BOTTOM
11:04					HOOK TO CSNG / BREAK CIRC W. RIG
11:13	290		3	6	PUMP 3 bbl WATER
11:15	200		80	5	MIX 350 SMS - 60/40 POS
11:30					RELEASE PLUG
11:32				5	START DISPLACEMENT
11:47			23.7		PLUG DOWN, SHUT IN WELL
					CAT TO SUKRAE
JOB COMPLETE THANK YOU! MIKE MORROW SCOTT + COLT					