

Customer Rama Operating Co., Inc.	Lease No.	Date
Lease Pundsack	Well # 311	11-9-13
Field Order # 9398	Station Pratt, Kansas	Casing 8 7/8" 23Lb.
Type Job C.N.W. - B Surface	Formation	Depth 832Ft
		County Stafford
		State Kansas
		Legal Description 30-215-13W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 7/8"	Tubing Size 2 3/4"	Shots/Ft 175 sacks	From	To	12Lb./Gal.	14.49 Gal./Stk.	Max 2.47 CU.F.	ISIP 5 Min.
Depth 832Ft	Depth	From	To	150 sacks	60/40 Poz with	Min	10 Min.	
Volume 52.4 Bbl.	Volume	From	To	28 Gal.	38 Calcium Chloride	Avg 2.25 Lb./Stk.	15 Min.	
Max Press 350 S.I.	Max Press	From	To	4.8 Lb./Gal.	5.18 Gal./Stk.	HHF Used 1.2 CU.F.T.	Annulus Pressure	
Well Connection 1 1/2" Cont. Liner	Annulus Vol.	From	To	Flush	52 Bbl. Fresh Water	Gas Volume	Total Load	
Plug Depth 818 feet	Packer Depth	From	To					

Customer Representative Allen	Station Manager Tevin Gordley	Treater Clarence R. Messick
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Service Units	37,216	33,708	20,920	70,959	19,918
Driver Names	Messick	Namby	Young		

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:00					Truckson location and hold safety meeting.
5:30					Sterling Drilling start to run Weld on Guideshoe, Shoe Joint with Baffle Plate screwed into collar and a total of 13 Joints new 23Lb./Ft. 8 7/8" casing.
6:30					Casing in well. Circulate for 5 minutes.
6:45	300			5	Start Fresh water Pre-Flush.
	300		10	6	Start Mixing 175 sacks A-CON Blend cement
7:06	250		87	5	Start Mixing 150 sacks 60/40 Poz Blend cement
	-0		119		stop pumping. Shut in well. Release Top Rubber Plug. Open well.
7:15	150			5	Start Fresh water Displacement.
7:30	350		52		Plug down. Did not circulate cement Shut in well.
					Wash up pump truck
					Tag cement 36 feet down from surface.
8:00					Order 1" cement.
10:45					Cement on location Run 2 Joints of 1" Pipe.
10:50		-0		3	Start Mixing common cement
			5		cement circulated to surface.
					Pull 1" Tubing out of well.
					Wash up pump truck.
					Job Complete.
					Thank You Clarence, Jerry, Steve

BASIC

energy services, L.P.

TREATMENT REPORT

Customer Rama Operating	Lease No.	Date 11-16-13	
Lease Pundsack	Well # 311		
Field Order # 4071	Station Pratt	Casing 5 1/2	Depth 3742
		County Stafford	State KS
Type Job cnw Longstring	Formation	Legal Description 30-21-13	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 3742	Depth	From	To	Pre Pad	Max		5 Min.
Volume 91	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 3731	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative Robin	Station Manager Kevin	Treater Joe
Service Units 19889	19843	19959
Driver Names ED	Jesse	Joe

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0500					ON LOC / safety meeting
0500					START RUNNING CSG
0650					CSG ON BOTTOM / circ. with Big
					Run 89 JTS of 5 1/2 CSG. 14 #
					TURBO ON 1-3-5-7-9
745					HOOK UP TO PUMP TO START JOB
			5	6	H2O SPACER
	200		12	6	mud FLUSH
	400		5	6	H2O SPACER
	800		31	6	MIX 1255/5 OF AA2 CEMENT @ 15 #
			31	6	SHUT DOWN CLEAR PUMP & LINES
800	200		0	7	RELEASE PLUG START H2O DISP
	400		68	7	LIFT PSF
	600		81	5	SLOW RATE
815	1600		91	0	PLUG DOWN
					PLUG R H @ MH
					JOB COMPLETE
					Thank you
					Joe