

Customer WOOLSON OPERATING COMPANY		Lease No.		Date 11-22-17	
Lease Unit "A"		Well # 1			
Field Order # 16208	Station Pratt	Casing 9 5/8	Depth 716	County Kiowa	State KS
Type Job			Formation	Legal Description 11-29S-19W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid 200 SKS A-CON	RATE 32 cc	PRESS .25	ISIP
Depth 716	Depth	From	To	Pre Pad 100 SKS 60/40 POZ	Max		5 Min.
Volume 85.3	Volume	From	To	Pad 50 SKS 60/40 POZ	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 672.23	Packer Depth	From	To	Flush 52	Gas Volume		Total Load

Customer Representative ALAN DICK		Station Manager WESTERMAN		Treater MATTAL	
Service Units 83353	84981	19843	19903	73768	
Driver Names MATTAL	McGr	aw	OSBOR	N	

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
5:35					ON LOCATION / SAKREY meeting
3:10					Rig lost circ @ 690 ^{APPROX} got circ @ 720 ^{APPROX}
					Run 9 5/8 36", Baffle plate in JT 1
4:50					centralizer on JT 1
5:02					CSHY on bottom
5:19	100		3	3	hook to casing / Break circ w. Rig
5:23	100		77	3	Pump 3 bbl water
5:52	100		22	3	Mix 200 SKS A-CON
5:59					Mix 100 SKS 60/40 POZ
6:00	100			3	release plug
6:20	100		52		START disp
					plug down / shut in well
					NO circ. NO CMT
8:20	50		12	1	Mix 50 SKS 60/40 POZ (TOP OFF)
8:30					CMT TO SURFACE
9:30					CMT STAYED IN PLACE
					JOB COMPLETE
					THANK YOU!
					Mike MATTAL
					Mike + RIFEY