

Customer	L.B. Exploration	Lease No.			Date	9-24-11	
Lease	J. Paul Magnuson	Well #	11-1				
Field Order #	5012	Station	Pratt	Casing	5 7/8	Depth	4665
Type Job	CROW - 5 1/2 L.S.		Formation			County	Barber
						State	KS
						Legal Description	11-33-13

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	5 7/8	Tubing Size	2 5/8	Acid	60/40 Poz @ 2.26 gal	RATE	PRESS	ISIP
Depth	4665	Depth	From	Pre Pad	AA 2 conc @ 1.54 gal	Max		5 Min.
Volume	111	Volume	To 5000	Pad	60/40 Poz @ 1.4 gal	Min		10 Min.
Max Press	1500	Max Press	From	Frac		Avg		15 Min.
Well Connection	11 1/2	Annulus Vol.	From			HHP Used		Annulus Pressure
Plug Depth	4644	Packer Depth	From	Flush	11B.5	Gas Volume		Total Load

Customer Representative	Michael Pater	Station Manager	Dave Scott	Treater	Steve Orlando
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Service Units	0723	27463	19826	19860				
Driver Names	Orlando	Michael	MacBraw					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:00 AM					On location - Safety Meeting
					Run 11 1/2" 5 7/8 C52
					Circulation 1-2-3-4-7-16-17-18
					Baskets ¹¹⁰⁰⁰ Collars 45-6
					Casing on Bottom Break Circ w/ R.
					Rotate Casing
9:00	300		5 1/2	5	Mix 255Ks 60/40 Poz @ 1.4 gal
10:21	250		41	5	Mix 150Ks AA 2 conc @ 1.4 gal
					Shut Down - Check Pump & Line
					Release plug
12:40	0		0	6	Start H ₂ O Displacement w/ KOL
1:00	300		85	5	Loss Pressure
1:57	600		100	4	Slow Rate - Stop Rotating
1:00 P	1500		11B.5	4	plug Down - 11-10
					Job Complete
					Truck, Stop
					Mix 205Ks RH mix 205Ks MH
					Circulation thru Job