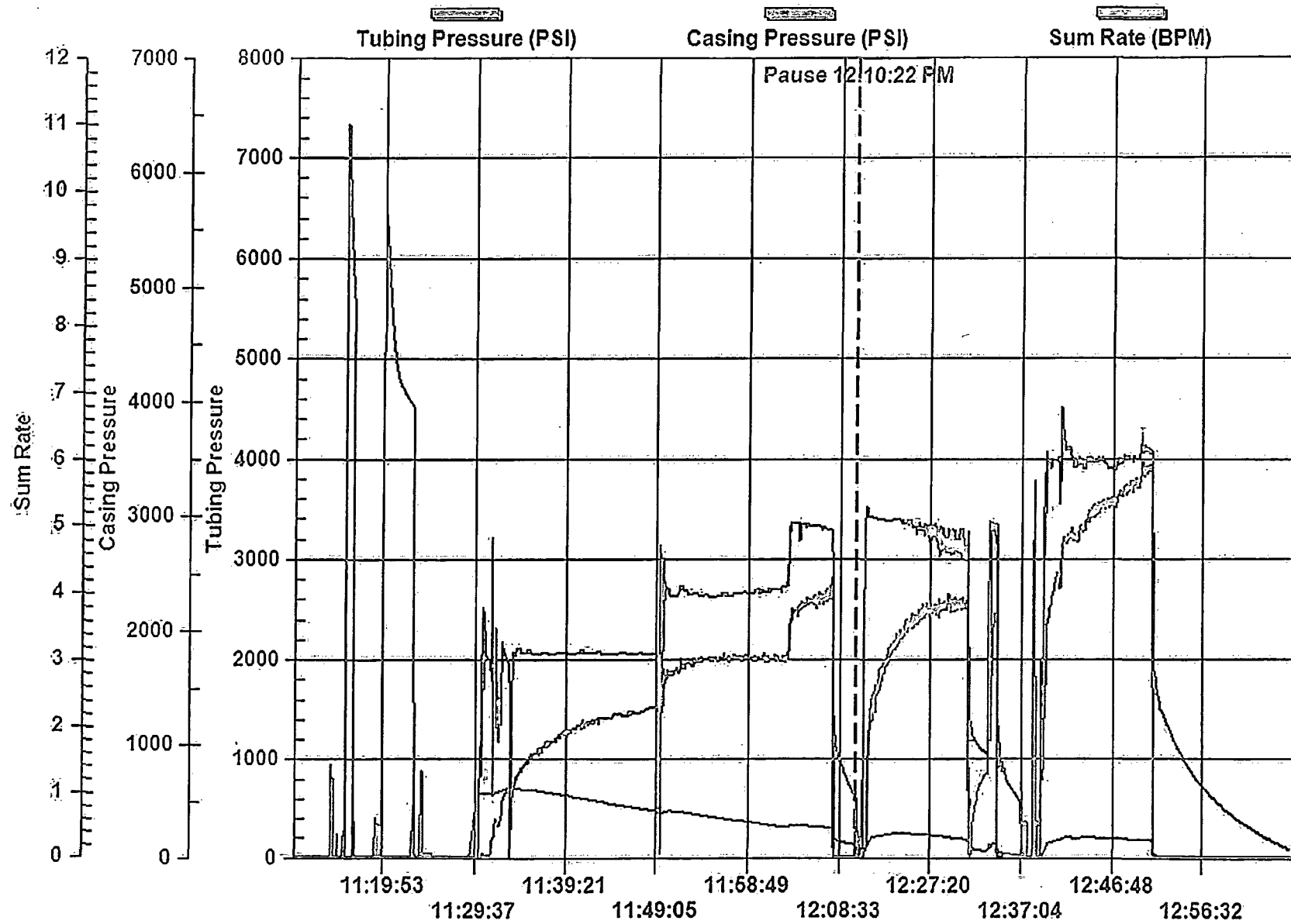


30-015-38977

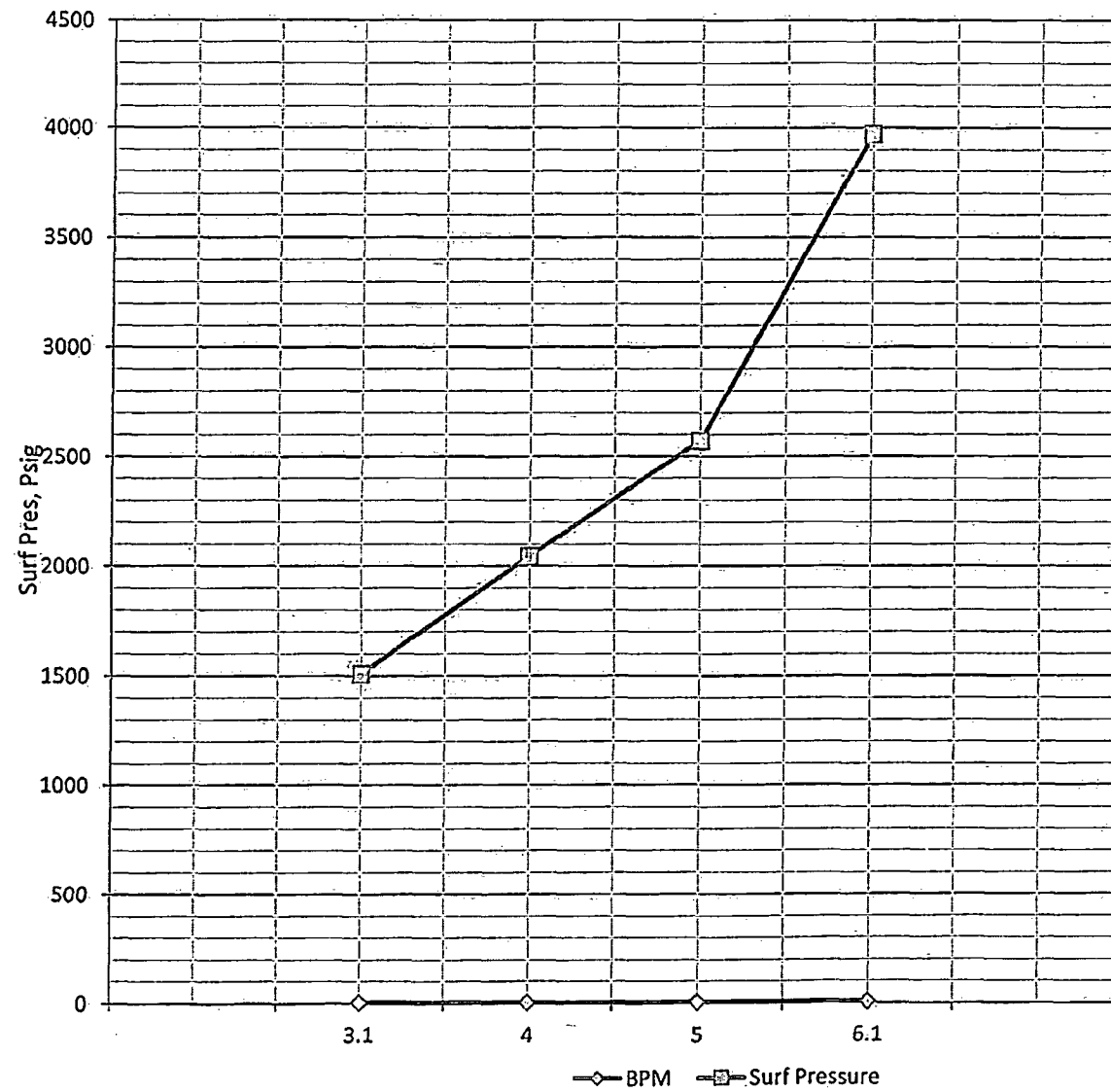
Customer		APACHE		Ticket# 64707		
Well Name & No.		APACHE STATE SWD #1		Formation# 0.00		
County		EDDY		Date: October 12, 2012		
State		NM		Well types: Oil / New / Stim.		
Customer Information						
Address		0.00				
City, State		0.00				
Zip Code		0				
Customer Representative		JAVIER BERDOZA				
Remarks						
				Arrive on Location: 11:00 AM		
				Depart Location: 2:00 PM		
				Total Hours: 3.00		
	Depth	Old	Weight	ID	Volume	Bbls/linear ft
Tubing 1 length ft:	N/A		0	0.000	0.00 BBLs.	0.00000
Tubing 2 length ft:					0.00 BBLs.	0.00000
Casing 1 length ft:	N/A	5 1/2	0.00	0.000	##### BBLs.	0.00000
Casing 2 length ft:					0.00 BBLs.	0.00000
Open Hole length ft:		N/A	N/A		0.00 BBLs.	0.00000
Combined Depth ft:	#VALUE!				Annular Vol: BBLs.	0.00000
	Depth	Vol.				
Top Perm/Open Hole:	N/A	#VALUE!	Maximum Pressure:	3971	ISIP:	1760
Bottom Perm/Open Hole:	N/A	#VALUE!	Average Pressure:	2367	5 min:	694
Number of Pore:	N/A		Maximum Rate:	6.1	10 min:	436
Pore Size:	0.31	in.	Average Rate:	4.7	15 min:	125
Packer Depth:	N/A	ft.	Fluid to Recover:	271.6	Proppant Total:	
Time	SUP	Casing	Rate	Stage	Total	Comments
8:00:56 AM	0					SAFETY MEETING
11:15:26 AM	7338	0.0	0.0		0.5	PRESSURE TESTED LINES
11:32:35 AM	654	612.0	3.0		8.5	3 BPM
11:34:01 AM	850	611.0	3.1		13.6	PSI & RATE CHECK
11:35:58 AM	1078	596.0	3.1		18.5	PSI & RATE CHECK
11:39:17 AM	1278	552.0	3.1		28.6	PSI & RATE CHECK
11:42:32 AM	1383	503.0	3.1		38.6	PSI & RATE CHECK
11:45:49 AM	1469	453.0	3.1		48.6	PSI & RATE CHECK
11:48:44 AM	1509	418.0	3.1		58.6	PSI & RATE CHECK
11:49:48 AM	1854	418.0	4.1		61.4	4 BPM
11:52:54 AM	1966	387.0	4.0		71.4	PSI & RATE CHECK
11:54:53 AM	2020	360.0	4.0		82.8	PSI & RATE CHECK
11:57:23 AM	2028	328.0	4.0		92.6	PSI & RATE CHECK
11:59:53 AM	2011	297.0	4.0		103.7	PSI & RATE CHECK
12:02:28 PM	2046	271.0	4.0		112.8	PSI & RATE CHECK
12:20:21 PM	1260	148.0	5.0		139.8	5 BPM
12:22:01 PM	1909	203.0	5.0		149.5	PSI & RATE CHECK
12:23:58 PM	2260	211.0	5.0		159.4	PSI & RATE CHECK
12:25:58 PM	2450	203.0	5.0		169.4	PSI & RATE CHECK
12:30:10 PM	2571	167.0	5.0		189.6	PSI & RATE CHECK
12:39:44 PM	2521	132.0	6.0		205.0	6 BPM
12:40:44 PM	2802	156.0	6.0		210.0	PSI & RATE CHECK
12:41:36 PM	3206	176.0	6.1		217.0	PSI & RATE CHECK
12:42:19 PM	3242	171.0	6.0		222.0	PSI & RATE CHECK
12:43:34 PM	3375	174.0	6.0		229.5	PSI & RATE CHECK
12:45:02 PM	3537	171.0	6.0		238.0	PSI & RATE CHECK
12:47:32 PM	3701	164.0	6.0		253.0	PSI & RATE CHECK
12:48:43 PM	3741	158.0	6.0		260.0	PSI & RATE CHECK
12:49:38 PM	3971	163.0	6.1		271.6	SHUTDOWN
12:54:26 PM	694	0.0	0.0		271.6	5 MIN.
12:59:20 PM	436	0.0			271.6	10 MIN.

[illegible]

APACHE-APACHE-STATE-SWD-1---10-12-12



Apache St. SWD #1 - Step-Rate Injectivity - Surf Pres (4 1/2" x 3 1/2" x 2 1/2" Tapered Tubing String)



1509 Psig	4,464 Bpd
2046 Psig	5,760 Bpd
2571 Psig	7,200 Bpd
3971 Psig	8,784 Bpd