



Date: 16-Jun-15

Well Name:	Location:	Customer Rep:	Field Order #		
MARILEE 11-16	SEC 16, T11N, R54W	MARK BROWN	18707		
Stage:	Formation:	Treat Via:	Allowable Pressure Tbg Csg	Well Type:	
1	D-SAND	TUBING		OIL	
County:	State:	Well Age:	PackerType:	PackerDepth:	Csg Size:
LOGAN	CO	NEW			4.5
Type Of Service:	XL GELLED WATER FRAC	Csg Depth	Tbg Size:	Tbg Depth:	Liner Size:
			2.875	5,300	
Customer Name:	BROWN OIL & GAS	Liner Depth:	Liner Top:	Liner Bot:	Total Depth:
Address:					
		Open Hole:	Csg Vol:	BHT:	
Remarks:	SAFETY MEETING/PRIME UP PRESSURE TEST @ 5000 WELL OPEN @ 0 ISIP 2380 PSI, 5 MIN = 2000 PSI, 10 MIN = 1550 PSI 15 MIN = 1050 PSI, FR .9 20/40 SAND = 20,240	Perf Depths:	Perfs:	TotalPerfs:	
		5368	5372	16	16
				0	
				0	
				0	
				0	
				0	
				0	

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	FOAM/FLD (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
11:03	0.0		45		SAFETY MEETING	0	0	0.0
11:03	0.0		32		PRESSURE TEST TO 6000 PSI	0	0	0.0
11:03	0.0		22		ST PUMP IN WITH ACID	0	500	12.0
11:08	2.6		23		ST PAD	0	7,014	167.0
11:12	5.0		1814		ACID ON	0	0	0.0
11:38	13.0		3816		ST 1 # 20/40 SAND	4,000	4,000	95.0
11:40	13.0		3761		SAND ON	0	0	0.0
11:45	13.0		4262		ST 2 # 20/40 SAND	10,000	5,000	119.0
11:56	12.8		4697		ST 3 # 20/40 SAND	6,240	2,000	47.0
11:59	12.9		4843		ST FLUSH	0	1,344	32.0
12:01	12.0		4111		ISIP = 2380 PSI	0	0	0.0
12:06	0.0		2002		5 MIN = 2000 PSI	0	0	0.0
12:11	0.0		1553		10 MIN = 1550 PSI	0	0	0.0
12:16	0.0		1051		15 MIN = 1050 PSI	0	0	0.0
Total:						20,240	19,858	472.0

Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
13.0	10.5	4,915	3,306

Customer Acknowledgement:	Service Rating:	Treater:	PRODUCTS USED
	<input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory	QUINN	CL-57, GEL-3 GAUR LIQUID, NE-7, BREAKER 503 L, GB-3, S-3, BIO-1, X LINK B, IC-100, ACID INHIB-3, WT-990