



FracPoint Space Out Diagram

BILL BARRETT CORPORATION

WELL NUMBER: PAPPENHEIM #6-62-23-0362BH



Baker Oil Tools

Casing Information		
7" 26# P-110		
Burst=	9,960	psi
Collapse=	6,230	psi
Capacity=	0.03826	bbls/ft

Liner Information		
4-1/2" 11.60# P-110		
Burst=	10,690	psi
Collapse=	7,580	psi
Capacity=	0.01554	bbls/ft

Displacements	BBLS	GALS
Liner Top	214.50	9,009
3.500" SLV	233.49	9,806
3.375" SLV	236.99	9,954
3.250" SLV	240.53	10,102
3.125" SLV	244.02	10,249
3.000" SLV	247.56	10,397
2.875" SLV	251.08	10,545
2.750" SLV	254.55	10,691
2.625" SLV	258.07	10,839
2.500" SLV	261.61	10,988

Displacements	BBLS	GALS
2.375" SLV	265.15	11,136
2.250" SLV	268.68	11,284
2.125" SLV	272.20	11,432
2.000" SLV	275.73	11,580
1.875" SLV	279.27	11,729
1.750" SLV	282.13	11,850
1.625" SLV	285.01	11,970
1.500" SLV	287.87	12,090
"P" SLEEVE	290.75	12,212
BALL SEAT	291.45	12,241
Float Shoe	292.14	12,270

Length of Zone - FT			
Zone 1	184.45	Zone 10	227.97
Zone 2	184.98	Zone 11	225.77
Zone 3	184.58	Zone 12	224.17
Zone 4	184.73	Zone 13	226.78
Zone 5	227.48	Zone 14	227.05
Zone 6	226.38	Zone 15	224.79
Zone 7	227.24	Zone 16	227.52
Zone 8	227.98	Zone 17	221.89
Zone 9	227.28	Zone 18	225.82

S-3 LINER TOP	TVD
5,606.41	6,294.00
Casing Shoe	KOP
6,697.00	5,700.00
	0

Dimensional Information			
Component	OD	ID	dim
S-3	5.875	3.875	in
RE Packers	5.687	4.000	in
Sleeves	5.625	Ball Seat	in



Baker Oil Tools



Bill Barrett Corporation

TD	Float Shoe
10,605.00	10,602.48

Packer #19	Packer #18	Packer #17	Packer #16	Packer #15	Packer #14	Packer #13	Packer #12	Packer #11	Packer #10	Packer #9	Packer #8	Packer #7	Packer #6	Packer #5	Packer #4	Packer #3	Packer #2	Packer #1	SV Collar
6,511.61	6,737.43	6,959.32	7,186.84	7,411.63	7,638.68	7,865.46	8,089.63	8,315.40	8,543.37	8,770.65	8,998.63	9,225.87	9,452.25	9,679.73	9,864.46	10,049.04	10,234.02	10,418.47	10,559.40
Zone 18	Zone 17	Zone 16	Zone 15	Zone 14	Zone 13	Zone 12	Zone 11	Zone 10	Zone 9	Zone 8	Zone 7	Zone 6	Zone 5	Zone 4	Zone 3	Zone 2	Zone 1		1.250"
3.500" SLV	3.375" SLV	3.250" SLV	3.125" SLV	3.000" SLV	2.875" SLV	2.750" SLV	2.625" SLV	2.500" SLV	2.375" SLV	2.250" SLV	2.125" SLV	2.000" SLV	1.875" SLV	1.750" SLV	1.625" SLV	1.500" SLV	"P" SLEEVE		BALL SEAT
6,828.08	7,053.67	7,281.47	7,505.86	7,733.57	7,960.36	8,183.59	8,410.30	8,637.91	8,865.44	9,092.62	9,319.46	9,546.18	9,774.13	9,958.63	10,143.56	10,327.53	10,513.22		10558.07
(6) 2286	(6) 2286	(6) 2286	(6) 2286	(6) 2286	(6) 2286	(6) 2286	(6) 2286	(6) 2286	(6) 2286	(6) 2286	(6) 2286	(6) 2286	(6) 2286	(6) 2286	(6) 2286	(6) 2286	(6) 2286	(5) 4025	
100	100	100	100	100	100	100	100	100	100	100	100	100	100	90	70	60	50	50	

Sleeve Shift PSI:
Max Rate Thru Sleeve:

7.5.1-1F4 Frac-Point Space Out Diagram