



FracPoint Space Out Diagram

BILL BARRETT CORPORATION

WELL NUMBER: Pappenheim 6-62-23-0461BH



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# HCP-110		
Burst=	10,690	psi
Collapse=	7,580	psi
Capacity=	0.01554	bbls/ft

Displacements	BBLS	GALS
Liner Top	217.77	9,147
3.500" SLV	235.50	9,891
3.375" SLV	239.01	10,039
3.250" SLV	242.44	10,182
3.125" SLV	245.84	10,325
3.000" SLV	249.30	10,471
2.875" SLV	252.73	10,614
2.750" SLV	255.56	10,733
2.625" SLV	259.10	10,882
2.500" SLV	262.60	11,029

Displacements	BBLS	GALS
2.375" SLV	266.11	11,176
2.250" SLV	269.66	11,326
2.125" SLV	273.19	11,474
2.000" SLV	276.08	11,595
1.875" SLV	279.61	11,744
1.750" SLV	283.15	11,892
1.625" SLV	286.75	12,043
1.500" SLV	289.76	12,170
"P" SLEEVE	293.47	12,326
BALL SEAT	294.20	12,356
Float Shoe	294.92	12,387

Length of Zone - FT			
Zone 1	238.26	Zone 10	227.29
Zone 2	236.01	Zone 11	226.60
Zone 3	185.95	Zone 12	223.88
Zone 4	227.01	Zone 13	220.89
Zone 5	227.57	Zone 14	219.32
Zone 6	228.08	Zone 15	219.82
Zone 7	227.72	Zone 16	223.56
Zone 8	186.30	Zone 17	221.55
Zone 9	222.86	Zone 18	97.38

S-3 LINER TOP

TVD

5,691.97

6,400.00

Casing Shoe

KOP

6,651.00

5,690.00

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
10,659.00

Float Shoe
10,656.47

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
6,607.71	6,705.09	6,926.64	7,150.20	7,370.02	7,589.34	7,810.23	8,034.11	8,260.71	8,488.00	8,710.86	8,897.16	9,124.88	9,352.96	9,580.53	9,807.54	9,993.49	10,229.50	10,467.76	10,611.14

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
6,832.78	7,058.67	7,279.20	7,498.07	7,720.57	7,941.02	8,123.35	8,351.27	8,576.69	8,802.03	9,030.72	9,257.83	9,443.87	9,671.31	9,898.61	10,130.51	10,324.46	10,562.81	10609.81
(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	90	70	60	50	50	

Sleeve Shift PSI:

Max Rate Thru Sleeve:

7.5.1-1F4 Frac-Point Space Out Diagram