



## FracPoint Space Out Diagram



Baker Oil Tools

BILL BARRETT CORPORATION Anschutz State 5-62-27-0857BH 01-12-2014

Casing Information		
7" 26# J-55		
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	215.30	9,043
3.625" SLV	235.62	9,896
3.500" SLV	239.05	10,040
3.375" SLV	242.55	10,187
3.250" SLV	246.06	10,335
3.125" SLV	249.63	10,484
3.000" SLV	253.19	10,634
2.875" SLV	256.10	10,756
2.750" SLV	259.63	10,905
2.625" SLV	263.19	11,054

Displacements	BBLS	GALS
2.500" SLV	266.77	11,204
2.438" SLV	270.33	11,354
2.375" SLV	273.23	11,476
2.313" SLV	276.62	11,618
2.250" SLV	280.13	11,766
2.188" SLV	283.69	11,915
2.125" SLV	287.16	12,061
2.063" SLV	290.51	12,201
2.000" P" SLV	293.70	12,335
BALL SEAT	294.96	12,388
Float Shoe	295.57	12,414

Length of Zone - FT		
Zone 1	219.32	Zone 10 185.56
Zone 2	239.40	Zone 11 229.35
Zone 3	228.63	Zone 12 227.68
Zone 4	178.88	Zone 13 229.59
Zone 5	229.38	Zone 14 229.02
Zone 6	216.27	Zone 15 187.66
Zone 7	229.35	Zone 16 223.60
Zone 8	228.35	Zone 17 223.21
Zone 9	231.78	Zone 18 307.00

S-3 LINER TOP	TVD
5,627.34	6,240.00
Casing Shoe	KOP
6,622.00	5,750.00

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



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Bill Barrett Corporation

TD 10,805.00  
Float Shoe 10,792.48

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
6,540.68	6,760.97	7,067.97	7,291.18	7,514.78	7,702.44	7,931.46	8,161.05	8,388.73	8,618.08	8,803.64	9,035.42	9,263.77	9,493.12	9,709.39	9,938.77	10,117.65	10,346.28	10,585.68	10,754.74
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		
3.625" SLV	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	1.375" SLV	1.250" SLV
6,935.04	7,155.41	7,380.72	7,606.79	7,836.19	8,065.48	8,252.59	8,479.94	8,709.04	8,939.30	9,168.25	9,355.28	9,573.22	9,799.18	10,027.81	10,251.17	10,466.81	10,672.14	10,878.48	11,084.82
(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	(1) 100
100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

Sleeve Shift PSI:  
Max Rate Thru Sleeve:

7.5.1-1F4 Frac-Point Space Out Diagram