



FracPoint Space Out Diagram

Whiting HorseTail 08-0521H

Baker Oil Tools

Burst=	8,160	psi
Collapse=	7,030	psi
Capacity=	0.03570	bbls/ft

Liner Information

4 1/2" 11.6#		
Burst=	8,750	psi
Collapse=	6,820	psi
Capacity=	0.01550	bbls/ft

HMC / ZXP Liner Hanger

5,215.00

Casing Shoe

6,033.00

KOP

Displacements	(BBLS)	(GALS)
Liner Top	186.18	7,819
3.500" SLV	200.82	8,435
3.375" SLV	203.38	8,542
3.250" SLV	205.94	8,649
3.125" SLV	208.50	8,757
3.000" SLV	211.05	8,864
2.938" SLV	213.61	8,972
2.875" SLV	216.17	9,079
2.813" SLV	218.73	9,186
2.750" SLV	221.28	9,294
2.688" SLV	223.84	9,401

Displacements	(BBLS)	(GALS)
2.625" SLV	226.40	9,509
		0
2.563" SLV	247.18	10,382
2.500" SLV	249.74	10,489
2.438" SLV	252.30	10,597
2.375" SLV	254.86	10,704
2.313" SLV	257.41	10,811
2.250" SLV	259.97	10,919
2.188" SLV	262.53	11,026
2.125" SLV	265.09	11,134
2.063" SLV	267.64	11,241

Displacements	(BBLS)	(GALS)
2.000" SLV	270.20	11,348
1.938" SLV	272.76	11,456
1.875" SLV	275.32	11,563
1.813" SLV	277.87	11,671
1.750" SLV	280.43	11,778
1.688" SLV	282.99	11,886
1.625" SLV	285.55	11,993
1.500" SLV	288.20	12,104
1.350" SLV	290.66	12,208
1.250" DB SLV	293.22	12,315
1.125" DB SLV	200.82	8,435
Float Shoe	200.82	8,435

Length of Zone (FT)					
Zone 1	280.00	Zone 23	165.00		
Zone 2	165.00	Zone 24	165.00		
Zone 3	165.00	Zone 25	165.00		
Zone 4	165.00	Zone 26	165.00		
Zone 5	165.00	Zone 27	165.00		
Zone 6	165.00	Zone 28	165.00		
Zone 7	165.00	Zone 29	165.00		
Zone 8	165.00	Zone 30	165.00		
Zone 9	165.00	Zone 31	227.00		
Zone 10	165.00	GAP	1,176.00		
Zone 11	165.00	Zone 21	165.00		
Zone 12	165.00	Zone 22	165.00		

Dimensional Information			
Component	OD	ID	dim
HMC / ZXP	5.875	4.000	in
RE Packer	5.573	4.000	in
Sleeves	5.625	Ball Seat	in

Packer #31	Packer #30	Packer #29	Packer #28	Packer #27	Packer #26	Packer #25	Packer #24	Packer #23	Packer #22	Packer #21	Packer #20	Packer #19	Packer #18	Packer #17
6,260.00	6,425.00	6,590.00	6,755.00	6,920.00	7,085.00	7,250.00	7,415.00	7,580.00	7,745.00	7,910.00	9,086.00	9,251.00	9,416.00	9,581.00

Zone 31	Zone 30	Zone 29	Zone 28	Zone 27	Zone 26	Zone 25	Zone 24	Zone 23	Zone 22	Zone 21		Zone 20	Zone 19	Zone 18
3.500" SLV	3.375" SLV	3.250" SLV	3.125" SLV	3.000" SLV	2.938" SLV	2.875" SLV	2.813" SLV	2.750" SLV	2.688" SLV	2.625" SLV		2.563" SLV	2.500" SLV	2.438" SLV
6,160.00	6,325.00	6,490.00	6,655.00	6,820.00	6,985.00	7,150.00	7,315.00	7,480.00	7,645.00	7,810.00		9,151.00	9,316.00	9,481.00
2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286		2,286	2,286	2,286

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
9,746.00	9,911.00	10,076.00	10,241.00	10,406.00	10,571.00	10,736.00	10,901.00	11,066.00	11,231.00	11,396.00	11,561.00	11,726.00	11,891.00	12,056.00	12,221.00

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	Zone3	Zone 2	Zone 1
2.375" SLV	2.313" SLV	2.250" SLV	2.188" SLV	2.125" SLV	2.063" SLV	2.000" SLV	1.938" SLV	1.875" SLV	1.813" SLV	1.750" SLV	1.688" SLV	1.625" SLV	1.500" SLV	1.350" SLV	1.250" DB SLV	1.125" DB SLV
9,646.00	9,811.00	9,976.00	10,141.00	10,306.00	10,471.00	10,636.00	10,801.00	10,966.00	11,131.00	11,296.00	11,461.00	11,626.00	11,797.00	11,956.00	12,121.00	12,286.00
2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286

TD

12,501.00

Float Shoe

12,501.00

Float Collar

12,451.00

Sleeve Shift PSI:

Max Rate Thru SLV: