Peak TD Sleeve

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Perf Spacing Each Cluster is 10 shots x 0.42 diameter x 60 degree phasing = 30 holes per stage Marker joint - 4,511' (10.02') NO NPZ Lease Hard line MD 5,818' - 13,558'

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## 7", 26# MAX PSI - 6296psi 7" x 5.5" Crossover @ 5,497'

	Top Spa	acing	Flush	Inc	TVD
Plug 1	13524.0	30.0		90	5362
Stage 1 Cluster 1	13494.0	97.0		90	5362
Stage 1 Cluster 2	13397.0	97.0		90	5361
Stage 1 Cluster 3	13300.0	32.0	391.0	90	5361
Plug 2	13268.0	32.0		90	5361
Stage 2 Cluster 1	13236.0	97.0		90	5361
Stage 2 Cluster 2	13139.0	97.0		91	5362
Stage 2 Cluster 3	13042.0	32.0	385.0	90	5363
Plug 3	13010.0	32.0		90	5363
Stage 3 Cluster 1	12978.0	97.0		90	5363
Stage 3 Cluster 2	12881.0	97.0		90	5363
Stage 3 Cluster 3	12784.0	32.0	379.0	90	5362
Plug 4	12752.0	32.0		90	5362
Stage 4 Cluster 1	12720.0	97.0		90	5362
Stage 4 Cluster 2	12623.0	97.0		89	5362
Stage 4 Cluster 3	12526.0	32.0	373.1	90	5361
Plug 5	12494.0	32.0		90	5360
Stage 5 Cluster 1	12462.0	97.0		90	5360
Stage 5 Cluster 2	12365.0	97.0		90	5360
Stage 5 Cluster 3	12268.0	32.0	367.1	90	5360
Plug 6	12236.0	32.0		90	5360
Stage 6 Cluster 1	12204.0	97.0		90	5361
Stage 6 Cluster 2	12107.0	97.0		90	5361
Stage 6 Cluster 3	12010.0	32.0	361.1	90	5361
Plug 7	11978.0	32.0		90	5361
Stage 7 Cluster 1	11946.0	97.0		90	5361
Stage 7 Cluster 2	11849.0	97.0		90	5361
Stage 7 Cluster 3	11752.0	32.0	355.1	90	5361
Plug 8	11720.0	32.0		89	5360
Stage 8 Cluster 1	11688.0	97.0		89	5360
Stage 8 Cluster 2	11591.0	97.0		91	5361
Stage 8 Cluster 3	11494.0	32.0	349.1	90	5362
Plug 9	11462.0	32.0		90	5362
Stage 9 Cluster 1	11430.0	97.0		90	5362
Stage 9 Cluster 2	11333.0	97.0		90	5362
Stage 9 Cluster 3	11236.0	32.0	343.1	91	5362
Plug 10	11204.0	32.0		91	5362
Stage 10 Cluster 1	11172.0	97.0		90	5363
Stage 10 Cluster 2	11075.0	97.0		89	5363
Stage 10 Cluster 3	10978.0	32.0	337.1	89	5361
Plug 11	10946.0	32.0		89	5361
Stage 11 Cluster 1	10914.0	97.0		89	5361
Stage 11 Cluster 2	10817.0	97.0		89	5359
Stage 11 Cluster 3	10720.0	32.0	331.2	90	5358
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Plug 12	10688.0	32.0		90
Stage 12 Cluster 1	10656.0	97.0		90
Stage 12 Cluster 2	10559.0	97.0		89
Stage 12 Cluster 3	10462.0	32.0	325.2	90
Plug 13	10430.0	32.0		90
Stage 13 Cluster 1	10398.0	97.0		90
Stage 13 Cluster 2	10301.0	97.0		90
Stage 13 Cluster 3	10204.0	32.0	319.2	90
Plug 14	10172.0	32.0		90
Stage 14 Cluster 1	10140.0	97.0		90
Stage 14 Cluster 2	10043.0	97.0		91
Stage 14 Cluster 3	9946.0	32.0	313.2	90
Plug 15	9914.0	32.0		90
Stage 15 Cluster 1	9882.0	97.0		90
Stage 15 Cluster 2	9785.0	97.0		90
Stage 15 Cluster 3	9688.0	32.0	307.2	89
Plug 16	9656.0	32.0		89
Stage 16 Cluster 1	9624.0	97.0		89
Stage 16 Cluster 2	9527.0	97.0		91
Stage 16 Cluster 3	9430.0	32.0	301.2	91
Plug 17	9398.0	32.0	001.2	91
Stage 17 Cluster 1	9366.0	97.0		90
Stage 17 Cluster 2	9269.0	97.0		92
Stage 17 Cluster 2	9172.0	32.0	295.2	92 89
Plug 18	9140.0	32.0	293.2	89
	9140.0	97.0		89
Stage 18 Cluster 1 Stage 18 Cluster 2		97.0 97.0		89 92
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Stage 18 Cluster 3	8914.0	32.0	289.3	90
Plug 19	8882.0	32.0		90
Stage 19 Cluster 1	8850.0	97.0		90
Stage 19 Cluster 2	8753.0	97.0	000.0	92
Stage 19 Cluster 3	8656.0	32.0	283.3	88
Plug 20	8624.0	32.0		90
Stage 20 Cluster 1	8592.0	97.0		90
Stage 20 Cluster 2	8495.0	97.0		90
Stage 20 Cluster 3	8398.0	32.0	277.3	90
Plug 21	8366.0	32.0		90
Stage 21 Cluster 1	8334.0	97.0		89
Stage 21 Cluster 2	8237.0	97.0		91
Stage 21 Cluster 3	8140.0	32.0	271.3	92
Plug 22	8108.0	32.0		92
Stage 22 Cluster 1	8076.0	97.0		92
Stage 22 Cluster 2	7979.0	97.0		91
Stage 22 Cluster 3	7882.0	32.0	265.3	90
Plug 23	7850.0	32.0		90
Stage 23 Cluster 1	7818.0	97.0		90
Stage 23 Cluster 2	7721.0	97.0		89
Stage 23 Cluster 3	7624.0	32.0	259.3	88
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Plug 24	7592.0	32.0			88	5363
Stage 24 Cluster 1	7560.0	97.0			90	5362
Stage 24 Cluster 2	7463.0	97.0			90	5362
Stage 24 Cluster 3	7366.0	32.0		253.3	91	5363
Plug 25	7334.0	32.0			91	5363
Stage 25 Cluster 1	7302.0	97.0			91	5363
Stage 25 Cluster 2	7205.0	97.0			90	5363
Stage 25 Cluster 3	7108.0	32.0		247.4	88	5362
Plug 26	7076.0	32.0			88	5362
Stage 26 Cluster 1	7044.0	97.0			88	5362
Stage 26 Cluster 2	6947.0	97.0			90	5361
Stage 26 Cluster 3	6850.0	32.0		241.4	90	5361
Plug 27	6818.0	32.0			90	5361
Stage 27 Cluster 1	6786.0	97.0			90	5361
Stage 27 Cluster 2	6689.0	97.0			89	5361
Stage 27 Cluster 3	6592.0	32.0		235.4	91	5360
Plug 28	6560.0	32.0			91	5360
Stage 28 Cluster 1	6528.0	96.0			89	5360
Stage 28 Cluster 2	6432.0	96.0			91	5360
Stage 28 Cluster 3	6336.0	32.0		229.5	89	5360
Plug 29	6304.0	32.0			89	5360
Stage 29 Cluster 1	6272.0	96.0			89	5360
Stage 29 Cluster 2	6176.0	96.0			88	5358
Stage 29 Cluster 3	6080.0	32.0		223.5	90	5356
Plug 30	6048.0	32.0			92	5358
Stage 30 Cluster 1	6016.0	96.0			92	5358
Stage 30 Cluster 2	5920.0	96.0			90	5359
Stage 30 Cluster 3	5824.0	32.0	-6.0	217.6	84	5356