

BLANCO MESAVERDE - POOL

Comparison of Various Formulas

<u>Description</u>	<u>Formula</u>				
	<u>0% A & 100% (AxD)</u>	<u>25% A & 75% (AxD)</u>	<u>50% A & 50% (AxD)</u>	<u>75% A & 25% (AxD)</u>	<u>100% A & 0% (AxD)</u>
Acreage Factor (1)		186.1407	414.8525	644.6538	864.4391
Deliverability Factor (1)	0.5693261	0.4095009	0.2555516	0.1200091	
Limiting Deliverability Mcf/d	-	315	557	733	864

Number of Wells

Limited Wells (2)	-	181	267	312	342
Non-limited Wells (3)	<u>572</u>	<u>391</u>	<u>305</u>	<u>260</u>	<u>230</u>
Total	<u>572</u>	<u>572</u>	<u>572</u>	<u>572</u>	<u>572</u>

Percent of Total Wells

Limited Wells	-	31.64	46.68	54.55	59.79
Non-limited Wells	<u>100.00</u>	<u>68.36</u>	<u>53.32</u>	<u>45.45</u>	<u>40.21</u>
Total	<u>100.00</u>	<u>100.00</u>	<u>100.00</u>	<u>100.00</u>	<u>100.00</u>

Allowable - Mcfd

Limited Wells		28 876	66 939	96 520	121 179
Non-limited Wells	<u>320 000</u>	<u>291 124</u>	<u>253 061</u>	<u>223 480</u>	<u>198 821</u>
Total	<u>320 000</u>	<u>320 000</u>	<u>320 000</u>	<u>320 000</u>	<u>320 000</u>

Percent of Total Allowable

Limited Wells		9.02	20.92	30.16	37.87
Non-limited Wells	<u>100.00</u>	<u>90.98</u>	<u>79.08</u>	<u>69.84</u>	<u>62.13</u>
Total	<u>100.00</u>	<u>100.00</u>	<u>100.00</u>	<u>100.00</u>	<u>100.00</u>

- (1) Factors based on 320 acres per well.
- (2) A limited well is one for which the allowable is equal to the deliverability.
- (3) A non-limited well is one for which the allowable is less than the deliverability.

BLANCO - MESAVERDE POOL

Distribution of Allowable - 320 M²cfd

100% of the Total Allocation on the Basis of (Acreage x Deliverability).

<u>No.</u> <u>Wells</u>	<u>Cumulative</u> <u>Wells</u>	<u>Percent</u> <u>of Total</u>	<u>Total</u> <u>Deliverability</u> <u>Mcf</u>	<u>Cumulative</u> <u>Deliverability</u> <u>Mcf</u>	<u>Percent of</u> <u>Allowable</u>
29	29	5.07	941	941	0.17
29	58	10.14	2 291	3 232	0.58
29	87	15.21	3 814	7 046	1.25
29	116	20.28	5 041	12 087	2.15
29	145	25.35	6 534	18 621	3.31
29	174	30.42	8 110	26 731	4.76
29	203	35.49	9 987	36 718	6.53
29	232	40.56	12 480	49 198	8.75
29	261	45.63	14 456	63 654	11.32
29	290	50.70	17 266	80 920	14.40
29	319	55.77	20 992	101 912	18.13
29	348	60.84	24 560	126 472	22.50
29	377	65.91	27 065	153 537	27.32
29	406	70.98	29 300	182 837	32.53
29	435	76.05	32 384	215 221	38.29
29	464	81.12	38 193	253 414	45.09
29	493	86.19	45 175	298 589	53.12
29	522	91.26	54 253	352 842	62.78
29	551	96.33	70 901	423 743	75.39
<u>21</u>	<u>572</u>	<u>100.00</u>	<u>138 325</u>	<u>562 068</u>	<u>100.00</u>
572			562 068		

MHC:lp
6-16-54

BLANCO - MESAVERDE POOL

Distribution of Allowable - 320 M²cfd

25% of the Total Allocation on the Basis of Acreage
and
75% of the Total Allocation on the Basis of (Acreage x Deliverability).

<u>No.</u> <u>Wells</u>	<u>Cumulative</u> <u>Wells</u>	<u>Percent</u> <u>of Total</u>	<u>Total</u> <u>Allowable</u> <u>Mcfd</u>	<u>Cumulative</u> <u>Allowable</u> <u>Mcfd</u>	<u>Percent of</u> <u>Allowable</u>
29	29	5.07	941	941	0.29
29	58	10.14	2 291	3 232	1.01
29	87	15.21	3 814	7 046	2.20
29	116	20.28	5 041	12 087	3.78
29	145	25.35	6 534	18 621	5.82
29	174	30.42	8 110	26 731	8.35
29	203	35.49	9 452	36 183	11.31
29	232	40.56	10 508	46 691	14.59
29	261	45.63	11 320	58 011	18.13
29	290	50.70	12 469	70 480	22.03
29	319	55.77	13 996	84 476	26.40
29	348	60.84	15 455	99 931	31.23
29	377	65.91	16 479	116 410	36.38
29	406	70.98	17 395	133 805	41.81
29	435	76.05	18 658	152 463	47.65
29	464	81.12	21 034	173 497	54.22
29	493	86.19	23 898	197 395	61.69
29	522	91.26	27 617	225 012	70.32
29	551	96.33	34 430	259 442	81.08
<u>21</u>	<u>572</u>	<u>100.00</u>	<u>60 553</u>	<u>319 995</u>	<u>100.00</u>

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BLANCO - MESAVERDE POOL

Distribution of Allowable - 320 M²cfd

50% of the Total Allocation on the Basis of Acreage
and
50% of the Total Allocation on the Basis of (Acreage x Deliverability).

<u>No.</u> <u>Wells</u>	<u>Cumulative</u> <u>Wells</u>	<u>Percent</u> <u>of Total</u>	<u>Total</u> <u>Allowable</u> <u>Mcfd</u>	<u>Cumulative</u> <u>Allowable</u> <u>Mcfd</u>	<u>Percent of</u> <u>Allowable</u>
29	29	5.07	941	941	0.29
29	58	10.14	2 291	3 232	1.01
29	87	15.21	3 814	7 046	2.20
29	116	20.28	5 041	12 087	3.78
29	145	25.35	6 534	18 621	5.82
29	174	30.42	8 110	26 731	8.35
29	203	35.49	9 987	36 718	11.47
29	232	40.56	12 480	49 198	15.37
29	261	45.63	14 456	63 654	19.89
29	290	50.70	16 401	80 055	25.02
29	319	55.77	17 396	97 451	30.45
29	348	60.84	18 309	115 760	36.17
29	377	65.91	18 944	134 704	42.09
29	406	70.98	19 517	154 221	48.19
29	435	76.05	20 309	174 530	54.54
29	464	81.12	21 794	196 324	61.35
29	493	86.19	23 575	219 899	68.72
29	522	91.26	25 894	245 793	76.81
29	551	96.33	30 151	275 944	86.23
<u>21</u>	<u>572</u>	<u>100.00</u>	<u>44 063</u>	<u>320 007</u>	<u>100.00</u>
572					

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BLANCO - MESAVERDE POOL

Distribution of Allowable - 320 M²cfd

75% of the Total Allocation on the Basis of Acreage
and
25% of the Total Allocation on the Basis of (Acreage x Deliverability).

<u>No.</u> <u>Wells</u>	<u>Cumulative</u> <u>Wells</u>	<u>Percent</u> <u>of Total</u>	<u>Total</u> <u>Allowable</u> <u>Mcf</u>	<u>Cumulative</u> <u>Allowable</u> <u>Mcf</u>	<u>Percent of</u> <u>Allowable</u>
29	29	5.07	941	941	0.29
29	58	10.14	2 291	3 232	1.01
29	87	15.21	3 814	7 046	2.20
29	116	20.28	5 041	12 087	3.78
29	145	25.35	6 534	18 621	5.82
29	174	30.42	8 110	26 731	8.35
29	203	35.49	9 987	36 718	11.47
29	232	40.56	12 480	49 198	15.37
29	261	45.63	14 456	63 654	19.89
29	290	50.70	17 266	80 920	25.29
29	319	55.77	20 759	101 679	31.77
29	348	60.84	21 641	123 320	38.54
29	377	65.91	21 945	145 265	45.39
29	406	70.98	22 213	167 478	52.33
29	435	76.05	22 583	190 061	59.39
29	464	81.12	23 281	213 342	66.67
29	493	86.19	24 116	237 458	74.20
29	522	91.26	25 209	262 667	82.08
29	551	96.33	27 207	289 874	90.58
<u>21</u>	<u>572</u>	<u>100.00</u>	<u>30 141</u>	<u>320 015</u>	<u>100.00</u>

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BLANCO - MESAVERDE POOL

Distribution of Allowable - 320 M²cfd

100% of the Total Allocation on the Basis of Acreage

<u>No. Wells</u>	<u>Cumulative Wells</u>	<u>Percent of Total</u>	<u>Total Allowable Mcf</u>	<u>Cumulative Allowable Mcf</u>	<u>Percent of Allowable</u>
29	29	5.07	941	941	0.29
29	58	10.14	2 291	3 232	1.01
29	87	15.21	3 814	7 046	2.20
29	116	20.28	5 041	12 087	3.78
29	145	25.35	6 534	18 621	5.82
29	174	30.42	8 110	26 731	8.36
29	203	35.49	9 987	36 718	11.48
29	232	40.56	12 480	49 198	15.38
29	261	45.63	14 456	63 654	19.90
29	290	50.70	17 266	80 920	25.30
29	319	55.77	20 992	101 912	31.86
29	348	60.84	24 451	126 363	39.50
29	377	65.91	25 056	151 419	47.33
29	406	70.98	25 056	176 475	55.17
29	435	76.05	25 056	201 531	63.00
29	464	81.12	25 056	226 587	70.83
29	493	86.19	25 056	251 643	78.66
29	522	91.26	25 056	276 699	86.50
29	551	96.33	25 056	301 755	94.33
<u>21</u>	<u>572</u>	<u>100.00</u>	<u>18 144</u>	<u>319 899</u>	<u>100.00</u>

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