

~~EXHIBIT 13~~

PROPOSED K-M CHAVEROO SAN ANDRES UNIT
DERIVATION OF TRACT PARTICIPATION FACTORS
CHAVEROO SAN ANDRES POOL
PARTICIPATION

TRACT	OPERATOR LEASE	ORIGINAL WELL #	WELL LOCATION	STATUS	NEW UNIT WELL #	TOTAL PRIMARY RECOVERY TO 31 DECEMBER 1988 BBLs	TRACT PARTICIPATION FACTOR
1	Kerr-McGee State F	1D	2 8S 33E	P	02-04	68,269	
		2C	2 8S 33E	P	02-03	67,868	
		3E	2 8S 33E	P	02-05	83,345	
		4F	2 8S 33E	P	02-06	115,211	
		5L	2 8S 33E	P	02-12	184,095	
		6K	2 8S 33E	P	02-11	130,167	
		7J	2 8S 33E	P	02-10	86,553	
		8I	2 8S 33E	P	02-09	92,594	
		10N	2 8S 33E	P	02-14	100,154	
		11M	2 8S 33E	P	02-13	84,764	
		12O	2 8S 33E	P	02-15	84,312	
		13P	2 8S 33E	P	02-16	62,548	
		14C	2 8S 33E	P	02-03	16,856	
						=====	
						1,176,736	70.860945
2	Bristol Levick State "2"	1G	2 8S 33E	P	02-07	94,203	
						=====	
						94,203	5.672738
3	Kerr-McGee State C	1B	2 8S 33E	P	02-02	95,337	
		2A	2 8S 33E	P	02-01	85,156	
		3H	2 8S 33E	P	02-08	110,483	
		4D	1 8S 33E	P	01-04	34,660	
		5C	1 8S 33E	SWD	01-03	0	
						=====	
						325,636	19.609220
4	Kerr-McGee State FU	9E	1 8S 33E	P	01-05	64,052	
						=====	
						64,052	3.857097
TOTALS						1,660,627	100.000000

RJQ:lrg01a1

No. Debiting effect will occur
by adding the
within Section 1.

BEFORE EVALUATION	DATE
CONSERVATION DEPARTMENT	
Kerr-McGee	EXHIBIT NO. 9
CASE NO.	9682 + 9683

EXHIBIT 11
K-M CHAVEROO SAN ANDRES UNIT
PRODUCTION FOR 1988
CHAVES COUNTY, NEW MEXICO

LEASE NAME, WELL	S T R	STATUS	CUMULATIVE THRU 12/31/87	1988												1988 TOTAL	CUM. TOTAL THRU 12/31/88
				JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.		
STATE F																	
#1D	2 T8S R33E	S	OIL 68269 74842 8539	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	68269 74842 8539
#2C	2 T8S R33E	P	WTR 67368 99777	28 214	30 258	30 249	49 240	51 237	25 274	52 301	22 237	68 261	47 294	45 134	53 245	500 2944	67868 102721
#3E	2 T8S R33E	P	GAS 11420 82667	56 56	60 60	90 104	49 100	51 99	50 114	26 125	44 99	30 109	24 122	57 56	61 102	598 1226	12018 83345
#4F	2 T8S R33E	P	OIL 97009 35318	89 84	107 90	104 118	49 74	77 77	114 77	125 104	99 43	109 89	122 47	56 86	102 61	950 709	98235 36268
#5L	2 T8S R33E	P	WTR 114502 176935	56 214	60 258	89 249	49 240	51 237	51 274	52 301	65 237	68 261	70 293	45 134	53 245	709 2943	115211 179878
#6K	2 T8S R33E	P	GAS 22450 181889	112 250	120 181	148 178	98 293	77 206	102 177	104 158	65 172	89 136	93 164	114 134	122 157	1244 2206	23694 184095
#7J	2 T8S R33E	P	OIL 214006 11389	232 0	279 0	270 0	180 24	178 0	91 0	225 0	177 22	196 30	221 0	100 29	184 0	2333 105	216339 11494
#8I	2 T8S R33E	P	WTR 129527 106694	84 107	60 129	59 125	49 120	51 119	51 137	53 150	43 118	45 130	47 147	45 67	53 122	640 1471	130167 108165
#9I	2 T8S R33E	P	GAS 16151 85801	112 56	90 60	118 59	74 49	77 77	77 51	80 79	65 86	59 68	47 47	57 67	91 53	947 752	17098 86553
#10N	2 T8S R33E	P	OIL 73970 37352	89 168	107 150	104 118	100 98	99 103	114 77	125 105	99 65	109 149	122 118	56 172	102 182	1226 1505	75196 38857
#11M	2 T8S R33E	P	WTR 91609 94187	84 161	90 193	89 187	73 180	77 178	76 207	79 225	86 177	91 196	94 120	67 100	79 184	985 2209	92594 96396
#12O	2 T8S R33E	S	GAS 20414 99965	84 28	90 30	89 30	73 24	77 26	76 51	79 0	65 0	120 0	94 0	143 0	122 0	1112 189	21526 100154
#13P	2 T8S R33E	P	OIL 105334 83292	143 111	172 64	166 62	160 59	158 53	183 69	0 76	0 86	0 68	0 70	0 67	0 61	982 733	106316 79634
#14C	2 T8S R33E	P	WTR 84212 127904	28 161	30 193	60 189	48 180	26 77	77 206	53 225	43 177	45 196	47 221	45 100	79 184	269 2210	53878 130114
	2 T8S R33E	P	GAS 6026 78901	28 54	0 64	0 62	0 59	77 53	26 69	53 76	22 366	0 53	24 420	29 515	61 669	320 6673	6346 139220
	2 T8S R33E	P	WTR 61743 70456	56 107	60 130	59 124	49 120	77 119	76 137	79 150	65 118	68 130	70 147	67 67	79 122	805 1471	62548 71927
	2 T8S R33E	P	GAS 69004 15610	224 111	240 90	266 150	221 97	231 104	228 100	211 105	173 86	178 499	163 564	200 255	213 470	2546 5639	71552 16856
	2 T8S R33E	P	WTR 34051 54729	410 749	495 840	476 810	459 703	454 728	526 700	577 814	454 516	499 743	564 632	255 858	470 912	5639 9005	39690 63734

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PRODUCTION FOR 1988
CHAVES COUNTY, NEW MEXICO

LEASE NAME, WELL	S T R	STATUS	CUMULATIVE THRU 12/31/87	1988 JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	1988 TOTAL	CUM. TOTAL THRU 12/31/88
STATE FU #9E	1	T8S R33E	P														
				OIL	64	68	68	68	66	68	71	72	70	60	58	799	64052
				GAS	58	62	62	62	60	62	62	60	63	60	62	735	35776
				WTR	96	102	102	102	99	102	107	75	105	87	103	1144	41197
STATE C #1B	2	T8S R33E	P		253	0	0	0	84	98	76	62	119	84	88	1226	95337
				OIL					143	130	159	145	141	102	128	1005	130911
				GAS	0	0	0	0	735	1905	564	714	359	267	375	5268	39957
				WTR	0	0	0	0									
				OIL	0	0	0	0	77	70	89	88	59	56	59	567	85156
				GAS	0	0	0	0	131	120	147	133	130	95	120	917	99550
				WTR	0	0	0	0	813	2024	499	590	421	297	268	5586	30014
				OIL	0	0	0	227	90	97	120	118	89	84	88	1008	110483
				GAS	0	0	0	178	154	141	172	157	152	110	139	1260	107599
				WTR	0	0	0	1978	1277	1190	738	787	546	355	375	8199	59431
				OIL	0	0	0	97	84	70	58	59	63	56	59	615	34660
				GAS	0	0	0	134	143	131	159	145	141	102	128	1123	49135
				WTR	0	0	0	1492	1045	833	369	369	234	176	187	5054	64920
LEVICK STATE #1G	2	T8S R33E	P		102	103	102	101	100	92	90	100	98	87	92	1174	94203
				OIL					209	325	305	290	279	306	301	3290	143487
				GAS	321	260	235	234									
				WTR	77	78	102	101	100	92	90	101	0	120	155	1097	37659
TOTAL				OIL	1291	1092	1396	1417	1337	1336	1323	1292	1342	1166	1286	15671	1660627
				GAS	2764	2627	2747	2606	3172	3389	2956	3081	3331	1877	2899	33717	1945911
				WTR	2518	2679	5670	4558	6091	8328	3813	4658	3327	3562	3957	51624	777402