

OIL CONSERVATION COMMISSION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

April 10, 1969

Continental Oil Company
P. O. Box 360
Hobbs, New Mexico

Gentlemen:

In accordance with your application dated February 27, 1969, and by the authority granted me under the provisions of Commission Order No. R-2403, you are hereby authorized to convert the following gas injection well to a producing well.

Well No. 64 located 2615' FNL and 2610' FWL of
Section 20, Township 17 South, Range 32 East.

Well No. 64 was inadvertently omitted from the letter dated March 11, 1969, which granted authority to convert the other 26 wells listed in the same application.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

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OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

April 1, 1968

Continental Oil Company
P. O. Box 210
Hobbs, New Mexico

Dear Sirs:

It is noted that your application dated February 27, 1968, for a permit to drill for oil and gas in the vicinity of the well described as follows: Commission Order No. R-2402, you are hereby notified to comply with the following gas injection well to a maximum depth of 10,000 feet.

The well is located in Township 17 South, Range 22 East, and is to be drilled to a depth of 10,000 feet.

Well logs were reviewed and it was determined that the well is to be drilled to a depth of 10,000 feet. It is noted that the well is to be drilled to a depth of 10,000 feet.

Very truly yours,

A. M. HORTON, Jr.
Secretary-Treasurer

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MAIJAMAR COOPERATIVE AGREEMENT

HOBBS, NEW MEXICO

ANNUAL REPORT

YEAR 1973

'MCA UNIT
CUMULATIVE OIL & WATER
YEAR, 1973 GAS PRODUCTION

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-73	JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	'MAY/ NOV.	JUNE /DEC	12 '70. TOTAL	CUM TO 1-1-74	WATER PRODUCTION 12 '70. PRD BBL	% WTR PRD	CUM TO 1-1-74	12 '70. VOLUME	CUM TO 1-1-74	'MCF AVG RATIO
CONTINENTAL OIL COMPANY															
'MCA UNIT															
1	1	27313.						0.	27313.					520.	207035.
1	2	104246.	303	696	984	1719	917	11318.	115564.	16850.	59.81	30122.	2418.	248582.	213.
1	3	36841.	1058	989	1354	1242	475	0.	36841.	16850.	59.81	843.	2418.	60240.	
1	4	36889.	196	451	637	98	116	130							
1	5	120767.	140	130	83	77	59	0	2117.	38997.	5979.73.	85	37122.	1075.	27583.
1	6	30468.	116	263	579	426	973	1176	7758.	128525.	20414.72.	46	32504.	1530.	268294.
1	7	24318.	1169	1093	531	522	508	0.	0.	30468.	0.	0.	0.	53936.	197.
1	8	32737.	30	184	260	221	90	116	0.	24318.	766.	23449.			
1	9	120581.	111	104	67	61	159	1590.	34237.	5025.77.	01	35836.	2452.	44963.	1634.
1	10	263142.	32	29	0	0	238	641.	121222.	16691.96.	30	61714.	1510.	329736.	2355.
1	11	217125.	262	55	0	0	0	0.	263142.	16691.96.	30	2278.	1510.	584724.	
1	12	61882.	1393	1029	556	940	2101	1429	15171.	232296.	2031.11.	80	9771.	4266.	383229.
1	13	69917.	1242	1425	1155	1388	1278	0.	61882.	2031.11.	80	81.	4266.	198376.	281.
1	14	814.	429	441	371	333	405	381	4527.	74444.	16594.78.	56	46952.	4866.	45333.
1	15	165075.	419	274	481	505	309	179	0.	165075.	0.00	0.	4060.	0.	729.
1	16	82449.	0	0	0	0	0	0	814.	0.	0.00	3172.	0.	207252.	0.
1	17	125398.	0	0	0	0	0	30	80.	32529.	2480.96.	87	18519.	36.	409135.
1	18	138341.	298	325	417	331	549	556	129842.	5566.55.	60	20372.	1376.	190460.	309.
1	19	138341.	569	175	179	311	427	307	4444.	129842.	5566.55.	60	1246.	224025.	

*4CA UNIT
 CUMULATIVE OIL, WATER & GAS PRODUCTION
 YEAR, 1973

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-73	OIL PRODUCTION												WATER PRODUCTION		GAS PRODUCTION - MCF	
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	CUM TO 1-1-74	12 MO. PROD	% WTR PROD	CUM TO 1-1-74	12 MO. VOLUME	CUM TO 1-1-74	12 MO. AVG RATIO		
1 38	7445.	0	0	0	0	0	0	0	654.	3099.	92669.99.29	155341.	773.	4433.	1181.		
1 39	106678.	0	0	0	0	486	168	0.	0.	106678.	92669.99.29	155341.	60.	615343.	1181.		
1 40	192787.	2058	676	525	472	1494	1548	15323.	208110.	27178.63.94	264310.	2858.	420214.	186.			
1 41	1370.	1860	1782	1491	1338	1235	844	15323.	208110.	27178.63.94	264310.	2858.	420214.	186.			
1 42	476046.	316	295	310	278	254	238	2978.	4348.	8359.73.73	15147.	4022.	10147.	1350.			
1 43	249190.	262	274	241	252	257	1	0.	476046.	8359.73.73	11823.	4022.	622710.	1350.			
1 43	249190.	1899	324	340	306	583	548	7609.	256799.	6019.44.16	66351.	5744.	203339.	754.			
1 44	82058.	577	603	577	538	669	645	0.	256799.	6019.44.16	66351.	5744.	203339.	754.			
1 45	205799.	1520	323	526	166	1190	1428	16635.	98693.	6556.28.26	14525.	4664.	36374.	280.			
1 45	205799.	1572	1644	1732	2121	2239	2174	0.	205799.	6556.28.26	5333.	4664.	692591.	280.			
1 46	345997.	1931	2117	3230	2181	1823	1905	23676.	369673.	40201.62.93	133637.	50272.	651561.	2123.			
1 47	143691.	2620	2276	1538	1540	1467	1048	0.	369673.	40201.62.93	133637.	50272.	651561.	2123.			
1 48	332105.	1931	2117	3230	2181	1823	1905	15868.	159559.	51277.76.36	154170.	36797.	225868.	2318.			
1 48	332105.	944	658	578	606	257	255	0.	332105.	51277.76.36	2285.	36797.	616939.	2318.			
1 49	913870.	11735	10647	11184	11380	9765	6404	101532.	1015402.	40890.28.71	112468.	35470.	897035.	349.			
1 50	273633.	7037	10327	6679	6110	4997	5267	0.	273633.	40890.28.71	304.	35470.	320603.	349.			
1 51	684953.	2774	1621	1669	1592	1021	1032	17673.	702626.	49126.73.54	108919.	48272.	1025558.	2731.			
1 52	295648.	2077	1320	1213	1165	1055	1224	0.	295648.	49126.73.54	65.	48272.	575391.	2731.			
1 53	303676.	1029	1047	287	433	419	424	6070.	309746.	52434.89.62	86321.	5304.	607121.	373.			
1 54	143306.	434	440	358	337	516	346	0.	143306.	52434.89.62	749.	5304.	601765.	373.			
1 55	342781.	735	748	730	865	734	741	8133.	350914.	10316.55.91	48669.	4755.	266682.	584.			
1 56	272345.	760	543	615	518	527	617	0.	272345.	10316.55.91	48669.	4755.	266682.	584.			
1 56	272345.	390	423	704	569	576	582	6027.	278372.	4635.43.47	20713.	5807.	764097.	963.			
1 56	272345.	597	544	410	466	376	309	0.	278372.	4635.43.47	20713.	5807.	764097.	963.			

MCA UNIT
CUMULATIVE OIL, WATER & GAS PRODUCTION
YEAR, 1973

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-73	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-74	WATER PRODUCTION		GAS PRODUCTION - MCF	
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	12 MO. PROD BRLS	% WTR PROD	CUM TO 1-1-74	12 MO. VOLUME	CUM TO 1-1-74			12 MO AVG RATIO			
1 57	505818.	2401	2443	2659	1450	1466	1481	24991.	530809.	19396.43.69	43269.	5712.	565820.	228.					
1 58	137439.	1520	2254	1920	2253	2059	3085	24991.	530809.	19396.43.69	43269.	5712.	565820.	228.					
1 59	298297.	3994	4064	4041	3844	2958	3558	40062.	177501.	95329.70.41	173391.	22152.	171602.	552.					
1 60	806777.	3066	2717	2764	2796	2988	3272	0.	208297.	0.	3840.	0.	620767.	0.					
1 61	108816.	5292	6732	9229	11608	11101	7882	122948.	929725.	73162.37.30	163292.	13448.	1322620.	109.					
1 62	365816.	11504	11594	12797	15430	14966	4813	32628.	141444.	83558.71.91	140090.	5764.	204963.	176.					
1 63	463351.	3234	3291	3623	3869	3718	3757	0.	365816.	0.	286.	0.	601621.	0.					
1 64	268500.	3852	2200	1612	1115	1080	1277	18903.	482254.	58094.75.44	250591.	13007.	1150051.	1005.					
1 65	335259.	2089	761	1266	1346	2079	2527	32405.	300905.	17455.35.00	89209.	19370.	134974.	597.					
1 66	614047.	3012	2847	2560	2641	2737	1570	0.	335259.	0.	112.	0.	346881.	0.					
1 67	453573.	1568	1505	1434	1373	1098	1852	42178.	656225.	103921.71.13	296847.	34196.	745805.	810.					
1 68	119806.	4464	2416	3462	5028	4583	4021	0.	453573.	0.00	33635.	0.	650534.	0.					
1 69	141497.	0	0	0	0	0	0	0.	119806.	0.	25.	0.	423317.	0.					
1 70	283386.	4743	2275	2045	2669	3123	3349	16259.	157756.	42133.72.15	130386.	20960.	812368.	1239.					
1 71	325544.	1258	1508	1348	1313	1544	1483	0.	283386.	0.	27000.	0.	305260.	0.					
1 72	154776.	4429	4712	5810	5380	4731	4997	64317.	389861.	110516.63.21	343933.	16384.	752826.	254.					
1 73	198419.	6215	7139	5948	5752	4593	4611	0.	154776.	0.	98.	0.	394233.	0.					
1 74	239245.	4429	4712	5810	5380	4731	4997	21940.	220359.	79053.78.27	155235.	21674.	632337.	937.					
1 75	287223.	2803	2009	2126	2135	2073	1874	0.	239245.	0.	56.	0.	658060.	0.					
		1479	1811	1767	1369	1359	1153	37303.	324526.	35623.43.84	51081.	3770.	436546.	261.					
		2859	2264	2127	1830	1869	4201												
		4655	4208	3766	3329	3131	3064												

MCA UNIT
CUMULATIVE OIL, WATER & GAS PRODUCTION
YEAR, 1973

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-73	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-74	WATER PRODUCTION			CUM TO 1-1-74	GAS PRODUCTION - MCF		
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. PROD	% WTR	CUM TO 1-1-74	12 MO. VOLUME	CUM TO 1-1-74	12 MO AVG RATIO									
1 133	150246.													0.	150246.				170.	623379.		
1 134	62837.	0	0	0	0	0	0	0	0	0	0	0.	62837.	0.	62837.	0.00	6049.	0.	6049.	394127.	0.	
1 135	66774.	0	0	0	0	0	0	0	0	0	0	0.	66774.	0.	66774.	0.00	1684.	0.	1684.	248590.	0.	
1 136	178963.	1734	2145	2497	1950	328	303								190793.	29144.	71.12	135723.	16765.	374239.	1417.	
1 137	202926.	306	327	168	219	26	1827								202926.			7644.		305890.		
1 138	313916.	1995	1622	2202	2056	2385	2119								333248.	573.	2.30	9340.	14750.	421190.	606.	
1 139	233902.	2141	2285	2155	2137	1608	1627								233902.			330.		299287.		
1 140	211556.	463	419	660	627	686	632								213046.	3528.	35.21	13159.	7698.	526066.	1186.	
1 141	188546.	556	505	476	527	467	472								188546.			206.		233535.		
1 142	139653.	289	131	460	300	149	468								143487.	87.	2.21	23293.	864.	200107.	225.	
1 143	183571.	472	356	336	352	259	262								183571.			0.		156906.		
1 144	46680.														46680.			0.		81129.		
1 145	200885.														200885.			703.		285824.		
1 146	506517.	3504	3685	4193	3882	4148	3259								546434.	32990.	45.24	84861.	17021.	640779.	426.	
1 147	309010.	3179	3410	2689	2658	2780	2530								309010.			12362.		674076.		
1 148	175735.	3785	3685	4193	3882	3739	2783								216072.	8631.	17.62	15520.	18632.	113689.	461.	
1 149	350280.	3367	3197	2961	2792	2916	3037								378452.					113689.	461.	
1 149	350280.	3784	2264	1797	3050	2453	2783								378452.	13051.	31.65	20547.	16469.	774720.	584.	
1 150	297840.	2198	2078	2026	1638	1998	2193								297840.			0.		610391.		
1 151	637983.	3198	2854	4230	4500	4230	4024								637983.					374407.	523.	
1 152	635300.	4428	4742	4813	4984	3243	3273								635300.	12552.	20.51	20655.	25453.	374407.	523.	
1 152	635300.	5034	2706	1417	1225	2127	1999								660593.	7504.	23.23	38221.	13471.	972754.	785.	
1 152	635300.	2201	2302	1954	1262	1287	1279								660593.					972754.	785.	

MCA UNIT
CUMULATIVE OIL, WATER & GAS PRODUCTION
YEAR, 1973

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-73	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-74	WATER PRODUCTION			GAS PRODUCTION - MCF		
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	12 MO. % PROD	WTR PROD	CUM TO 1-1-74	12 MO. VOLUME	CUM TO 1-1-74			12 MO AVG RATIO					
1 153	371129.	1077	1353	622	2028	1393	1310	13925.	385054.	16670.54	.43	58330.	34091.	773135.	2448.						
1 154	310072.	1442	1507	746	1061	747	639	0.	310072.	16670.54	.43	186.	34091.	321134.	0.						
1 155	408071.	1488	1089	1112	733	2153	2191	16698.	424769.	22040.56	.89	29918.	1758.	241992.	105.						
1 156	26379.	1153	1207	1059	562	1905	2046	0.	424769.	22040.56	.89	29918.	1758.	241992.	105.						
1 157	289799.	1488	1618	1484	917	1368	1215	15387.	41766.	69676.81	.91	152253.	7898.	12585.	513.						
1 158	354362.	1179	1234	1082	1010	798	1994	0.	289799.	0.	0.	0.	187136.	0.	0.						
1 159	255103.	1330	1103	1329	1195	1975	2000	20605.	374967.	37304.64	.72	55006.	7915.	504148.	384.						
1 160	412965.	1729	1809	1483	2904	1472	2276	0.	255103.	37304.64	.72	163.	7915.	294477.	0.						
1 161	34339.	4722	4936	5266	3589	4451	4551	54023.	466988.	29422.35	.25	68693.	23689.	395105.	438.						
1 162	212215.	4666	4813	4760	4595	4519	3245	0.	466988.	29422.35	.25	68693.	23689.	395105.	438.						
1 163	284696.	1123	1225	1356	1044	1230	1217	16960.	51299.	44850.72	.56	89563.	11511.	55500.	678.						
1 164	189569.	1128	2847	2816	1035	954	985	0.	212215.	44850.72	.56	522.	11511.	303342.	0.						
1 165	202501.	1323	1072	1407	1349	1440	1588	16279.	300975.	9572.37	.02	20244.	5342.	258262.	328.						
1 166	192908.	1492	1424	1407	1450	1104	1223	0.	189569.	9572.37	.02	4216.	5342.	155697.	0.						
1 167	263217.	2377	1995	1903	2215	2304	2183	22054.	224555.	7193.24	.59	13479.	11477.	264790.	520.						
1 168	69163.	1411	1346	1587	1579	1531	1623	0.	192908.	7193.24	.59	7956.	11477.	275394.	0.						
1 169	228183.	2817	2967	3102	2928	3037	2487	33962.	103125.	42695.55	.69	90094.	8753.	50691.	257.						
1 170	485155.	1818	1734	1715	3055	2963	2846	294686.	294686.	12464.28	.37	28400.	16331.	258293.	518.						
1 171	285913.	3871	3765	3937	2927	2539	2487	0.	228183.	42695.55	.69	4114.	8753.	50691.	257.						
		2469	2355	2329	2356	2134	2793	0.	228183.	42695.55	.69	4114.	8753.	50691.	257.						
		2673	2796	4018	3420	1621	2506	44305.	529460.	39395.47	.06	73194.	8244.	582684.	185.						
		4496	4324	6396	4344	3849	3452	0.	285913.	39395.47	.06	321.	8244.	319696.	0.						

MCA UNIT
CUMULATIVE OIL, WATER & GAS PRODUCTION
YEAR, 1973

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-73	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-74	WATER PRODUCTION		GAS PRODUCTION		12 MO. AVG RATIO
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. PROD	% WTR PROD	CUM TO 1-1-74	12 MO. VOLUME	CUM TO 1-1-74								
1 172	230167.	2881	3265	3401	3416	3216	2381	32003.	262170.	20057.	38.52	44459.	5018.	182475.	156.					
1 173	286253.	2228	2331	2045	2146	2187	2506	32003.	262170.	20057.	38.52	44459.	5018.	182475.	156.					
1 174	82417.	3254	2311	3210	5362	4102	3118	36669.	322922.	22826.	38.36	27296.	4874.	249454.	132.					
1 175	307672.	2830	2960	2598	2676	2662	1586	36669.	322922.	22826.	38.36	27296.	4874.	249454.	132.					
1 176	419513.	2469	2148	2164	1834	2102	2202	23500.	105917.	29204.	55.41	58147.	12585.	42438.	535.					
1 177	51167.	1370	1481	1459	2499	2059	1713	0.	307672.	0.		10720.		610576.						
1 178	315721.	3869	3633	2935	2446	2658	2471	36353.	455866.	105.	0.28	6615.	14147.	606779.	389.					
1 179	509466.	2491	3117	3040	3141	3347	3205	36353.	455866.	105.	0.28	6615.	14147.	606779.	389.					
1 180	367465.	1457	1210	1857	1470	1753	1629	0.	74765.	58915.	71.40	122515.	10238.	30233.	433.					
1 181	410569.	1643	2964	2494	2443	2457	2221	0.	315721.	0.		921.		534180.						
1 182	23455.	3167	2343	2666	2521	3388	3150	33990.	543456.	0.	0.00	12157.	3953.	417314.	263.					
1 183	293327.	2875	2797	2805	2712	2726	2840	0.	367465.	0.		320.		1133479.						
1 184	340506.	2438	2501	2845	2912	3271	3150	35057.	445626.	1461.	4.00	4481.	6597.	924272.	188.					
1 185	223070.	3285	3196	3054	3383	2295	2727	445626.	445626.	1461.	4.00	4481.	6597.	924272.	188.					
1 186	459348.	504	316	180	166	322	2344	4991.	28446.	18022.	78.31	36181.	6965.	80342.	1395.					
1 187	282064.	246	213	208	161	162	169	4991.	28446.	18022.	78.31	36181.	6965.	80342.	1395.					
1 188	178949.	1570	697	539	500	2191	1331	18939.	312266.	7020.	27.04	7409.	16968.	1253558.	895.					
1 189	211325.	1972	2104	1974	2041	2024	1996	0.	340506.	0.		0.		768133.						
1 189	211325.	3368	3489	3402	2873	3671	3289	39708.	499056.	111.	0.27	2866.	183356.	1537424.	4617.					
1 189	211325.	3616	3317	3983	3689	3651	2345	40078.	263148.	1454.	3.50	2514.	14829.	611683.	370.					
1 189	211325.	3258	3170	3272	3356	3104	3317	40078.	263148.	1454.	3.50	2514.	14829.	611683.	370.					
1 189	211325.	3168	3159	3594	3328	3027	3340	39708.	499056.	111.	0.27	2866.	183356.	1537424.	4617.					
1 189	211325.	594	602	660	545	596	551	7271.	136220.	798.	9.83	5518.	16159.	65921.	2222.					
1 189	211325.	556	594	700	615	545	613	0.	211325.	0.		14357.		271228.						

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 YEAR, 1973

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-73	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-74	WATER PRODUCTION			GAS PRODUCTION			- MCF 1-74 AVG RATIO
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. %	PROD BRLS	WTR PROD	CUM TO 1-1-74	12 MO. VOLUME	CUM TO 1-1-74									
1 190	245537.	1170	911	1206	1145	894	325	11492.	0.	245537.	54309.	363539.	671.	5.51	3282.	3402.	294256.	296.				
1 191	108253.	835	1068	839	878	856	365	11492.	0.	119745.	671.	5.51	3282.	3402.	294256.	296.						
1 192	241623.	1171	911	1206	1146	1461	1320	16069.	0.	257692.	954.	5.60	28030.	4105.	473639.	255.						
1 193	32039.	1335	1573	1483	1405	1379	1679	16069.	0.	32039.	0.	0.	0.	4105.	43143.	255.						
1 194	255291.							0.	0.	255291.	16960.	514250.										
1 195	48180.	0	0	0	0	149	55	204.	0.	48384.	35651.99.	43	36542.	703.	181417.	3446.						
1 196	422021.	347	733	488	136	150	138	4663.	0.	426684.	14351.75.	47	112455.	2165.	413055.	464.						
1 197	24315.	418	594	559	264	311	525	4663.	0.	24315.	0.	0.	0.	2165.	33397.	464.						
1 198	264242.							0.	0.	264242.	35125.	226633.										
1 199	293773.	1272	1204	1320	1227	1163	1100	14659.	0.	308432.	13261.47.	49	57639.	1816.	295622.	123.						
1 200	37309.	1307	1306	1231	1259	1115	1155	14659.	0.	37309.	0.	0.	0.	1816.	32043.	123.						
1 201	193069.	1301	1177	1492	1254	1431	1266	15669.	0.	208738.	13412.46.	11	36400.	36641.	171673.	2338.						
1 202	312288.	1112	1188	1426	1493	1375	1154	15669.	0.	314192.	1307.40.	70	7797.	1759.	102900.	923.						
1 203	248657.	334	297	163	175	155	157	1904.	0.	248657.	0.	0.	0.	1759.	335320.	923.						
1 204	42624.	56	53	60	37	269	1330	5706.	0.	48330.	12702.69.	00	12857.	3572.	28632.	626.						
1 205	331217.	575	533	545	563	729	956	5706.	0.	331217.	614.	473054.	614.	3572.	473054.	626.						
1 206	418740.	3120	4133	4283	3965	3476	3231	41203.	0.	459943.	53.	0.12	1622.	77160.	723008.	1872.						
1 207	318597.	3259	3170	2701	2793	3698	3374	0.	0.	318597.	0.	0.	0.	77160.	405500.	1872.						
1 208	213732.							0.	0.	213732.	321.	541936.										
1 209	265253.							0.	0.	265253.	0.	271734.										

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COMPANY, LEASE & WELL NO.	CUM. TO 1-1-73	JAN/ JULY	FEB/ AUG.	OIL PRODUCTION					JUNE /DEC	12 MO. TOTAL	CUM TO 1-1-74	WATER PRODUCTION		GAS PRODUCTION - MCF	
				MAR/ SEPT	APR/ OCT.	MAY/ NOV.	12 MO. PROD.	% WTR				CUM TO 1-1-74	12 MO. VOL.	CUM TO 1-1-74	12 MO AVG RATIO
1 274	87771.	4625	4554	4911	4298	5140	4780	55960.	143731.	9533.14.55	25538.	23384.	35917.	507.	
1 275	76962.	4682	4555	4441	4403	4426	5145	55960.	143731.	9533.14.55	25538.	23384.	35917.	507.	
1 276	42295.	3111	2816	3175	2939	2629	2118	28275.	105237.	15863.35.93	33300.	19272.	65166.	681.	
1 277	46309.	2136	2238	2078	1649	1755	1631	28275.	105237.	15863.35.93	33300.	19272.	65166.	681.	
1 278	72524.	1201	299	261	254	367	813	4891.	47186.	22222.31.96	46271.	1934.	74520.	395.	
1 279	128877.	244	129	276	401	327	319	4891.	47186.	22222.31.96	46271.	1934.	74520.	395.	
1 280	48822.	2470	2471	2628	2167	2152	2571	32462.	78771.	30766.48.65	76724.	3154.	4038.	97.	
1 281	81239.	2620	2686	3128	3282	3346	2941	26936.	99460.	65257.70.78	112314.	12694.	77973.	471.	
1 282	35520.	2695	1968	2216	1731	1861	2149	20931.	149808.	99900.82.67	213303.	8830.	57337.	421.	
1 283	149009.	2539	2229	2406	1894	2562	2686	17836.	66658.	66762.78.91	235902.	23257.	73613.	1303.	
1 284	56460.	2608	2369	2607	2546	1345	814	28474.	109713.	58300.67.18	136840.	8625.	55967.	302.	
1 285	35520.	424	1967	1459	1478	1431	1383	20902.	56422.	67127.76.25	170801.	24978.	66079.	1195.	
1 286	21666.	1093	1527	1827	1692	1753	1629	20902.	56422.	67127.76.25	170801.	24978.	66079.	1195.	
1 287	55109.	1122	1652	1429	1638	1322	1152	62167.	211176.	79926.56.24	122613.	22374.	38905.	359.	
1 288	60011.	2425	2394	2633	2367	2483	2540	62167.	211176.	79926.56.24	122613.	22374.	38905.	359.	
1 289	67052.	2604	2510	2457	2098	2135	1828	27368.	83828.	42595.60.88	110816.	34296.	97504.	1253.	

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COMPANY, LEASE & WELL NO.	CUM. TO 1-1-73	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-74	WATER PRODUCTION			GAS PRODUCTION - MCF		
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. PROD BRLS	% WTR PROD	CUM TO 1-1-74	12 MO. VOLUME	CUM TO 1-1-74	12 MO AVG RATIO								
1 308	58121.	6332	5059	4513	3584	2786	2191	47345.	105466.	32558.40.74	40063.	8907.	10549.	188.							
1 309	168.	3878	3948	3850	3989	3507	3708	47345.	105466.	32558.40.74	40063.	8907.	10549.	188.							
1 310	46925.	0	0	0	0	0	0	1684.	1852.	5176.75.45	6386.	540.	540.	320.							
1 311	5880.	4851	5112	4849	3768	4320	4207	46816.	93741.	44105.43.50	61785.	14804.	22974.	316.							
1 312	34084.	3935	3778	3737	2759	2862	2633	46816.	93741.	44105.43.50	61785.	14804.	22974.	316.							
1 313	3736.	809	733	832	627	716	660	8538.	14468.	364.4.06	1509.	18913.	25135.	2202.							
1 314	34055.	667	712	672	674	778	708	8538.	14468.	364.4.06	1509.	18913.	25135.	2202.							
1 315	45119.	4345	3369	3833	2579	1752	1982	30195.	64279.	26955.47.16	38258.	47412.	74358.	1570.							
1 316	37497.	2703	2211	2156	1852	1754	1659	30195.	64279.	26955.47.16	38258.	47412.	74358.	1570.							
1 317	26635.	2630	2355	2354	1717	1759	1650	21295.	25031.	48281.69.39	82870.	2731.	3334.	128.							
1 318	12639.	1640	1574	1483	1551	1375	1207	21295.	25031.	48281.69.39	82870.	2731.	3334.	128.							
1 319	17660.	3784	3527	3504	3327	2980	2471	31856.	65911.	74459.70.03	96366.	3955.	4157.	124.							
1 320	5139.	2492	2088	2052	1933	1808	1800	31856.	65911.	74459.70.03	96366.	3955.	4157.	124.							
1 321	16913.	8353	7555	8318	7693	8149	7332	89230.	134349.	3553.3.82	8333.	41667.	55920.	466.							
1 322	5125.	6372	8098	7013	7168	6775	5904	89230.	134349.	3553.3.82	8333.	41667.	55920.	466.							
1 323	11029.	5915	6344	6798	5495	5842	4856	55200.	92697.	121090.68.68	151170.	43950.	64069.	796.							
		4381	4050	3715	2846	2456	2502	55200.	92697.	121090.68.68	151170.	43950.	64069.	796.							
		4737	4264	4702	4354	4206	3910	55200.	92697.	121090.68.68	151170.	43950.	64069.	796.							
		4326	4475	4052	4645	4454	4864	52989.	79624.	29263.35.57	36805.	35411.	52612.	668.							
		2216	1588	1608	1805	1646	1571	52989.	79624.	29263.35.57	36805.	35411.	52612.	668.							
		1546	1618	987	934	1132	1023	17674.	30313.	94872.84.29	129189.	39793.	40024.	2251.							
		1963	1824	2133	1861	1696	2190	17674.	30313.	94872.84.29	129189.	39793.	40024.	2251.							
		710	768	2117	2020	2419	2327	22028.	39688.	53618.72.68	90396.	2349.	40962.	106.							
		1078	1271	1173	1146	1179	2606	22028.	39688.	53618.72.68	90396.	2349.	40962.	106.							
		977	1191	768	1554	1105	1064	15112.	20251.	16045.51.49	21141.	4511.	4590.	238.							
		2775	2870	3474	3217	3330	3124	15112.	20251.	16045.51.49	21141.	4511.	4590.	238.							
		3258	3170	2935	2712	2942	2642	36449.	53362.	77733.63.07	107138.	7371.	7460.	202.							
		1070	1334	1464	2293	2326	1783	36449.	53362.	77733.63.07	107138.	7371.	7460.	202.							
		1808	2078	1539	1610	1427	1442	20179.	25304.	2079.9.34	3284.	6717.	6865.	332.							
		2622	3266	2999	2317	2383	2182	20179.	25304.	2079.9.34	3284.	6717.	6865.	332.							
		2334	2330	2303	2174	1983	2102	28995.	40024.	6210.17.63	7495.	18308.	28616.	631.							

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COMPANY, LEASE & WELL NO.	CUM. TO 1-1-73	JAN/ JULY	FEB/ AUG.	MAY/ SEPT	OIL PRODUCTION APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	CUM TO 1-1-74	WATER PRODUCTION		GAS PRODUCTION - MCF			
										12 MO. PROD BRLS	% WTR PROD	12 MO. VOLUME	12 MO AVG RATIO		
1 324	18947.	7662	3793	3647	3417	2634	2202	37435.	56382.	23401.	38.46	30322.	32886.	35015.	878.
1 325	11260.	2856	2988	1829	2071	2111	2225	57435.	56382.	23401.	38.46	30322.	32886.	35015.	878.
1 326	4339.	3592	4238	5331	4659	4975	4201	45488.	56748.	24822.	35.30	28739.	5095.	5170.	112.
1 327	7215.	3816	3357	3273	2954	2618	2474	28603.	32942.	50604.	63.83	62627.	3219.	8478.	112.
1 328	8712.	2628	2441	2093	2171	2497	2429	50099.	57314.	47073.	48.44	48769.	11664.	11638.	232.
1 329	2883.	2935	5738	5870	4637	5112	3381	33951.	42663.	17348.	33.81	19486.	2710.	7022.	79.
1 330	6626.	4295	3564	3273	2578	2591	2503	37082.	39965.	14764.	28.47	16563.	8948.	3972.	241.
1 331	1514.	3800	3974	2094	1060	129	153	25963.	32589.	22056.	45.93	26154.	15560.	15634.	599.
1 332	0.	3056	2553	2905	2690	3651	2345	0.	1514.	0.	0.00	2241.	0.	10.	0.
1 333	0.	3423	3383	3299	3383	3320	3074	41137.	41137.	10948.	21.01	10948.	6981.	6981.	169.
1 334	0.	3845	2669	2929	2781	2296	1398	43083.	43083.	43212.	50.07	43212.	7990.	7990.	185.
1 335	0.	1808	1751	1483	1581	1479	1443	43083.	43083.	43212.	50.07	43212.	7990.	7990.	185.
1 336	0.	0	0	0	0	0	0	0.	1514.	0.	0.00	2241.	0.	10.	0.
1 337	0.	0	0	0	0	0	0	0.	1514.	0.	0.00	2241.	0.	10.	0.
1 338	0.	3669	4417	5960	5158	4294	3639	41137.	41137.	10948.	21.01	10948.	6981.	6981.	169.
1 339	0.	5093	3287	5212	4825	4645	4318	41137.	41137.	10948.	21.01	10948.	6981.	6981.	169.
		4052	3915	3740	3303	2834	2952	43083.	43083.	43212.	50.07	43212.	7990.	7990.	185.
		0	0	4191	2480	2594	2586	43083.	43083.	43212.	50.07	43212.	7990.	7990.	185.
		1752	2108	1455	1530	1380	1206	21282.	21282.	2675.	11.16	2675.	7039.	7039.	330.
		0	0	4090	3509	5842	5051	21282.	21282.	2675.	11.16	2675.	7039.	7039.	330.
		5093	4343	3896	5075	5442	5173	47514.	47514.	53500.	52.96	53500.	10372.	10372.	218.
		0	0	1343	1581	2683	2310	47514.	47514.	53500.	52.96	53500.	10372.	10372.	218.
		2336	2108	1818	1902	1789	1810	19680.	19680.	3450.	32.44	9450.	8490.	8490.	431.
		0	0	0	4171	1401	1293	19680.	19680.	3450.	32.44	9450.	8490.	8490.	431.
		3532	2791	3050	3834	4357	4329	28758.	28758.	0.	0.00	0.	23087.	23087.	976.
		0	0	0	8386	10369	7359	28758.	28758.	0.	0.00	0.	23087.	23087.	976.
		4955	3356	2805	2899	2618	2539	45277.	45277.	48086.	51.50	48086.	12363.	12363.	273.
		0	0	0	1246	895	825	45277.	45277.	48086.	51.50	48086.	12363.	12363.	273.
		501	415	336	409	311	473	5411.	5411.	8825.	61.99	8825.	1470.	1470.	271.

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COMPANY, LEASE & WELL NO.	CUM. TO 1-1-73	JAN/ JULY	FEB/ AUG.	OIL PRODUCTION						12 MO. TOTAL	CUM TO 1-1-74	WATER PRODUCTION		GAS PRODUCTION		MCF 12 MO AVG RATIO			
				MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. PROD	WTR % PROD			CUM TO 1-1-74	12 MO. VOLUME	CUM TO 1-1-74					
1 340	0.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 341	0.	0	929	1371	1161	1003	768	5232.	5232.	1582.23.21	1582.	8.	8.	1.					
1 342	0.	0	6979	4520	3839	3374	3374	22086.	22086.	8285.27.27	8285.	13830.	13830.	626.					
1 343	0.	0	0	2938	2518	1867	1889	9212.	9212.	279. 2.93	279.	10095.	10095.	1095.					
1 344	0.	0	0	2831	3015	1945	1784	9625.	9625.	1122.10.44	1122.	7400.	7400.	768.					
1 345	0.	0	0	2954	3190	1920	1837	9901.	9901.	2453.19.85	2453.	7895.	7895.	797.					
1 346	0.	0	0	0	2432	1728	1266	5426.	5426.	22602.80.64	22602.	3368.	3368.	620.					
1 347	0.	0	0	0	3464	2673	2699	8836.	8836.	4763.35.02	4763.	1926.	1926.	217.					
1 348	0.	0	0	0	4085	5161	4302	13548.	13548.	5347.28.29	5347.	12005.	12005.	886.					
1 349	0.	0	0	0	3266	4720	4617	12603.	12603.	7315.36.72	7315.	7152.	7152.	567.					
1 350	0.	0	0	0	1236	1556	1391	4183.	4183.	1574.27.34	1574.	4376.	4376.	1046.					
1 351	0.	0	0	0	0	5732	5194	10926.	10926.	52. 0.47	52.	10791.	10791.	987.					
1 352	0.	0	0	0	0	3164	6427	9591.	9591.	5095.34.69	5095.	3993.	3993.	416.					
1 353	0.	0	0	0	0	0	0	0.	0.	0. 0.00	0.	0.	0.	0.					
1 354	0.	0	0	0	0	0	2996	2996.	2996.	710.19.15	710.	1214.	1214.	405.					
LEASE TOTAL	61886607.	521991.	470816.	523730.	487255.	489792.	452470.	992.	992.	0. 0.00	0.	296.	296.	298.					
		467674.	472149.	446437.	461598.	445772.	450834.	5690518.	67577125.	6817182.54.	5016911743.	3458385.	101433136.	607.					

COMPANY, LEASE & WELL NO.	CUR. TO 1-1-73	JAN/ JULY	FEB/ AUG.	MAY/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 '40. TOTAL	CUR TO 1-1-74	WATER PRODUCTION		GAS PRODUCTION - '40		
										12 '40. PROD BLS	% WTR PROD	CUM TO 1-1-74	12 '40. VOLUME	CUM TO 1-1-74
BAISH A	2	106933.						0.	106933.	0.		130025.		
MITCH. B	3	14942.						0.	14942.	0.		0.		
MILLER A	4	12570.						0.	12570.	0.		0.		
4	7	84248.						0.	34248.	0.		0.		
LEASE TOTAL		96818.	0.	0.	0.	0.	0.	0.	96818.	0.00	0.	0.	0.	
MILLER B	5	51813.						0.	51813.	0.		0.		
PEARS. A	6	22715.						0.	22715.	0.		0.		
PART TOTAL		62179828.521991.470816.523730.487255.489792.452470. 467674.472149.446437.461598.445772.450834.5690518. 67870346. 6817182.54.5016911743.3448385. 101563221. 607.												
BAISH 3	7	28322.	531	281	370	405	578	378	5795.	34117.	20675.78.10	52069.	19702.	44298. 3399.
7	4	42849.	382	435	761	368	827	479	0.	42849.	0.	0.	59546.	
LEASE TOTAL		71171.	531.	281.	370.	405.	578.	378.	5795.	76966.	20675.78.10	52069.	19702.	103844. 3399.
MILLER B	8	62809.	260	1020	627	113	240	21	5117.	67926.	3278.39.04	15746.	4286.	66061. 837.
MILL. BX	9	27545.	409	468	504	376	562	517	0.	27545.	0.	3768.	94939.	
9	2	67665.	671	637	656	680	721	491	7448.	75113.	2642.26.18	11543.	2413.	122235. 323.
9	3	28208.	618	646	578	579	669	502	0.	28208.	0.	5490.	58916.	
9	4	16027.	335	318	329	341	361	245	3786.	19813.	214. 5.35	1321.	1824.	96320. 481.
9	5	22681.	309	322	289	239	335	313	0.	22681.	0.	5298.	30794.	

State of New Mexico



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Commissioner of Public Lands

GUYTON B. HAYS
COMMISSIONER



P. O. BOX 1148
SANTA FE, NEW MEXICO

April 17, 1968

Standard Oil Company of Texas
P. O. Box 1660
Midland Texas 79701

1968 APR 18 AM 8 29

Re: Cooperative Waterflood
Agreement
Maljamar Field
Lea County, New Mexico

ATTENTION: Mr. Pat O. Cross

Gentlemen:

The Commissioner of Public Lands has this date approved the Cooperative Waterflood Agreement, Maljamar Field, between Chevron Oil Company and Continental Oil Company.

We are retaining two copies for our files and returning one approved copy to you.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:
Eddie Lopez, Supervisor
Unit Division

GRH/TB/EL/s
encls.

cc: USGS-Roswell, New Mexico
OCC-Santa Fe, New Mexico

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RECEIVED
FEB 16 1973
OIL CONSERVATION COMMISSION
Santa Fe

MALJAMAR COOPERATIVE AGREEMENT

HOBBS, NEW MEXICO

ANNUAL REPORT

YEAR 1972

HCA UNIT
 CUMULATIVE OIL, WATER & GAS PRODUCTION
 YEAR, 1972

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-72	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-73	WATER PRODUCTION		GAS PRODUCTION		MCF 12 MO AVG RATIO
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	PROD	% WTR.	CUM TO 1-1-73	12 MO. VOLUME	CUM TO 1-1-73								
1 57	460326.	2335	1590	6104	8321	8591	2971	45492.	505818.	12706.21.83	23873.	19131.	560108.	420.						
1 58	78941.	2983	1354	2049	3857	2884	2453	45492.	505818.	12706.21.83	23873.	19131.	560108.	420.						
1 59	298297.	5717	5288	5292	4289	5058	5158	58498.	137439.	52807.47.44	78062.	32869.	149450.	561.						
1 60	709546.	4999	4924	4648	4773	4273	4079	0.	298297.	0.	3840.	620767.	0.							
1 61	61105.	7152	8252	8707	8627	8543	8712	97231.	806777.	62961.39.30	90130.	34455.	1309172.	354.						
1 62	365816.	8724	8099	7856	7546	7681	7332	0.	365816.	43425.47.64	56532.	20142.	199199.	422.						
1 63	433803.	3308	4057	4185	3985	3654	3726	0.	108816.	286.	286.	601621.	0.							
1 64	196911.	4029	4012	4904	5036	3487	3328	47711.	365816.	53398.68.51	192497.	27393.	1131044.	1116.						
1 65	335259.	2778	2233	2934	2063	1569	1598	24543.	463351.	20176.21.98	71754.	55159.	115604.	770.						
1 66	576228.	1680	2001	1813	1755	2517	1602	0.	268500.	71589.	112.	946881.	0.							
1 67	440099.	7954	6109	6085	4829	4941	4146	37819.	614047.	87431.69.80	192926.	59853.	711609.	1582.						
1 68	119806.	3013	7242	9970	7881	4740	4679	13474.	453573.	7369.35.35	33685.	16029.	650584.	1189.						
1 69	135743.	0	0	0	0	0	0	0.	119806.	25.	25.	423317.	0.							
1 70	283386.	3365	3303	3081	2673	2648	2147	5754.	141497.	22619.79.72	88253.	3689.	791908.	641.						
1 71	277892.	2070	2176	1799	4836	5172	4549	0.	283386.	27000.	27000.	305260.	0.							
1 72	154776.	2584	2522	2532	2283	2137	1416	0.	119806.	7369.35.35	33685.	16029.	650584.	1189.						
1 73	163883.	210	210	214	210	223	373	47652.	325544.	78133.62.11	233467.	10248.	736442.	215.						
1 74	239245.	360	297	359	489	550	2259	0.	283386.	22619.79.72	88253.	3689.	791908.	641.						
1 75	256639.	4907	4884	2931	5743	5035	4179	0.	154776.	0.	98.	394233.	0.							
1 76	1348	1348	1059	671	3310	4596	3904	34536.	193419.	65210.65.37	76182.	14969.	660723.	433.						
1 77	3908	3908	3839	3512	3034	2660	2645	0.	239245.	0.	56.	658060.	0.							
1 78	1531	1531	2633	2681	2672	571	3454	30584.	287223.	12070.23.29	15458.	8630.	426776.	282.						
1 79	3614	3614	3246	3007	2386	2092	2697	0.	287223.	0.	0.	0.	0.	0.						

MCA UNIT
 CUMULATIVE OIL, WATER & GAS PRODUCTION
 YEAR, 1972

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-72	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-73	WATER PRODUCTION		GAS PRODUCTION - MCF				
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. % PROD	WTR % PROD	CUM TO 1-1-73	12 MO. VOLUME	CUM TO 1-1-73	12 MO AVG RATIO									
1 76	177644.												0.	177644.	221.	3901.73	45	41819.	1898.	742979.	1346.	537872.
1 77	42400.	301	325	356	324	327	303	3473.	45873.	623.15	20	4602.	0.	45395.	623.15	20	4602.	0.	304879.	0.	456631.	
1 78	45395.	335	257	256	264	240	185	0.	45395.	623.15	20	0.	0.	45395.	623.15	20	0.	0.	456631.	0.	456631.	
1 79	167962.	176	162	149	58	98	91	1410.	169372.	3901.73	45	41819.	0.	493336.	3901.73	45	41819.	1898.	742979.	1346.	210638.	
1 80	493336.	61	96	149	127	120	123	0.	493336.	1410.	169372.	3901.73	45	0.	169372.	3901.73	45	0.	210638.	1346.	210638.	
1 81	115276.	79	27	0	0	0	0	11965.	127241.	6716.35	95	9069.	0.	88200.	6716.35	95	9069.	0.	627214.	0.	206640.	
1 82	88200.	3225	2413	1594	1777	1619	1231	0.	88200.	11965.	127241.	6716.35	95	0.	88200.	11965.	95	0.	627214.	0.	206640.	
1 83	76801.	1199	1109	1244	1147	1147	1061	12766.	39567.	118.	0.91	495.	30253.	249241.	118.	0.91	495.	30253.	671816.	2369.	225340.	
1 84	249241.	1065	901	895	1053	960	985	0.	249241.	12766.	39567.	118.	0.91	0.	118.	0.91	0.	30253.	671816.	2369.	225340.	
1 85	197333.	1042	1431	1107	1103	2613	1994	23881.	221214.	39661.62	41	56281.	2612.	45415.	39661.62	41	56281.	2612.	562895.	109.	562895.	
1 86	143336.	2203	2661	2874	2327	2040	2486	23881.	221214.	39661.62	41	56281.	2612.	31079.	39661.62	41	56281.	2612.	562895.	109.	562895.	
1 87	271356.	3553	3205	3089	3077	3454	3230	31079.	45415.	36491.54	00	40156.	26325.	271356.	36491.54	00	40156.	26325.	562895.	109.	562895.	
1 88	464276.	2262	1900	1886	1973	1730	1720	0.	271356.	31079.	45415.	36491.54	00	0.	31079.	45415.	00	40156.	26325.	562895.	109.	562895.
1 89	20855.	2022	2061	2156	2148	2253	2106	24182.	488458.	26709.52	48	67300.	7681.	53471.	26709.52	48	67300.	7681.	839944.	317.	839944.	
1 90	269843.	2145	2135	2119	1796	1575	1666	488458.	269843.	26709.52	48	67300.	7681.	269843.	26709.52	48	67300.	7681.	839944.	317.	839944.	
1 91	302778.	1837	1545	1982	1974	1953	2301	32616.	53471.	49767.60	40	63896.	28824.	0.	53471.	49767.60	40	63896.	28824.	70781.	883.	70781.
1 92	498103.	3643	3890	3977	3505	3073	2936	0.	269843.	0.	269843.	49767.60	40	0.	0.	49767.60	40	0.	28824.	692841.	883.	692841.
1 93	389920.	1382	1261	1342	1321	1276	1120	13658.	316436.	5289.27	91	17361.	21418.	302778.	5289.27	91	17361.	21418.	906303.	1568.	906303.	
1 94	321371.	1079	992	1270	1010	766	839	13658.	316436.	5289.27	91	17361.	21418.	498103.	5289.27	91	17361.	21418.	906303.	1568.	906303.	
1 95	389920.	2584	2432	2380	2252	2361	2303	25831.	523934.	16276.38	65	49563.	60449.	389920.	16276.38	65	49563.	60449.	785205.	2340.	785205.	
1 96	321371.	2219	2111	1712	1897	1709	1871	10018.	399938.	9896.49	69	86397.	17276.	0.	399938.	9896.49	69	86397.	17276.	629560.	1724.	629560.
1 97	321371.	901	931	946	901	957	806	0.	321371.	10018.	399938.	9896.49	69	0.	10018.	399938.	69	86397.	17276.	629560.	1724.	629560.
1 98	321371.	810	767	718	704	737	806	0.	321371.	10018.	399938.	9896.49	69	0.	10018.	399938.	69	86397.	17276.	629560.	1724.	629560.

MCA UNIT
 CUMULATIVE OIL, WATER & GAS PRODUCTION:
 YEAR, 1972

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-72	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-73	WATER PRODUCTION			GAS PRODUCTION - MCF		
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. % PROD	VTR PROD	CUM TO 1-1-73	12 MO. VOLUME	CUM TO 1-1-73	12 MO AVG RATIO								
1 95	455998.	3843	2644	2887	2180	2202	2385	30992.	486990.	39945.56.31	187630.	19417.	758414.	626.							
1 96	125849.	4152	1930	2231	2148	2622	1768	50992.	486990.	39945.56.31	187630.	19417.	758414.	626.							
1 97	286699.	3578	4331	1227	1336	78	790	25597.	151446.	8192.24.24	28313.	23266.	52950.	908.							
1 98	478247.	711	2513	2835	3079	2701	2418	0.	286699.	0.	90.	465260.	0.								
1 99	32326.	3221	2325	3199	2356	2517	2665	511494.	18179.35.34	108035.	8626.	679400.	259.								
1 100	335823.	2966	2535	2594	2818	3198	3053	33247.	511494.	18179.35.34	108035.	8626.	679400.	259.							
1 101	352733.	146	137	144	141	145	148	1034.	33360.	30295.96.69	58140.	1569.	57943.	1517.							
1 102	257201.	148	25	0	0	0	0	0.	335823.	0.	2656.	726824.	0.								
1 103	374279.	9675	6027	11113	11065	9583	8470	78435.	431168.	23690.23.19	42064.	12451.	904707.	158.							
1 104	278526.	2718	4628	3626	3723	3928	3879	0.	257201.	0.	389.	1073223.	0.								
1 105	334788.	1930	2270	9332	8673	6921	7058	67102.	441381.	11348.14.46	30609.	36817.	500826.	548.							
1 106	33846.	5586	5760	5763	5918	4037	3854	0.	278526.	0.	483.	295991.	0.								
1 107	337305.	2578	2641	12363	12048	8591	11563	445471.	27181.19.71	28532.	45595.	236507.	411.								
1 108	369310.	10158	10634	10180	10096	10172	9659	110683.	445471.	27181.19.71	28532.	45595.	236507.	411.							
1 109	336198.	6373	5767	5292	5063	7502	7651	66660.	100506.	63554.48.80	81642.	30013.	122397.	450.							
1 110	367208.	5931	5342	4834	4964	4195	3746	0.	337305.	0.	62.	299562.	0.								
1 111	260384.	1168	1233	1291	4314	6970	5478	60379.	429689.	28636.32.16	44658.	34257.	319755.	567.							
1 112	598675.	7068	6795	6647	6754	6555	6106	0.	336198.	0.	62.	329443.	0.								
1 113	0.	3125	4294	2921	2553	2712	2196	33364.	400572.	73321.68.72	150900.	5917.	329883.	177.							
1 115	0.	2189	2623	2263	2510	3333	2645	0.	260384.	0.	0.	249711.	0.								
1 112	598675.	2914	4744	4332	1801	2393	1493	625259.	70404.72.59	320693.	6751.	550050.	253.								
1 115	0.	1440	1248	1077	1561	1709	1872	0.	0.	0.	0.	0.	0.								

MCA UNIT
CUMULATIVE OIL, WATER & GAS PRODUCTION
YEAR, 1972

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-72	OIL PRODUCTION												WATER PRODUCTION		GAS PRODUCTION		MCF 12 MO AVG RATIO
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	CUM TO 1-1-73	12 MO. PROD BBLs	% WTR PROD	CUM TO 1-1-73	12 MO. VOLUME	CUM TO 1-1-73				
1 114	440948.	2224	2282	2319	1501	2329	3422	30503.	471451.	13862.31.24	109947.	12897.	687633.	422.				
1 115	481203.	3299	2751	2374	2877	2447	2678	30503.	471451.	13862.31.24	109947.	12897.	687633.	422.				
1 116	0.	224	421	427	601	702	654	6646.	487849.	10031.60.14	29336.	4545.	712488.	683.				
1 117	473560.	4297	3483	3692	3603	3669	3299	45393.	518953.	9859.17.84	34388.	7680.	873739.	169.				
1 118	408805.	3569	3839	3313	3550	3949	5130	45393.	518953.	9859.17.84	34388.	7680.	873739.	169.				
1 119	474025.	3023	3091	3206	3193	3394	3062	38248.	447053.	12192.24.17	32434.	5477.	1173446.	143.				
1 120	304200.	3203	3187	3164	3505	3073	3147	0.	474025.	0.	737.	1170078.	0.					
1 121	168987.	7350	6869	6994	6968	6428	5141	66517.	370717.	18585.21.83	21458.	15546.	483002.	233.				
1 122	326681.	5024	4650	4615	4507	3951	4020	0.	168987.	0.	60.	329395.	0.					
1 123	137911.	4593	3148	3264	3252	3034	2556	34532.	361213.	53592.60.81	65128.	6947.	587351.	201.				
1 124	89671.	2615	2778	2525	2563	2247	1957	0.	137911.	0.	168.	607980.	0.					
1 125	150805.	233	189	208	206	266	273	3532.	93203.	0.0.00	148.	0.	256980.	0.				
1 126	84244.	273	32	416	494	450	492	0.	150805.	0.	0.	0.	167048.	0.				
1 127	143826.	158	67	89	88	59	113	1012.	85256.	0.0.00	467.	0.	20856.	0.				
1 128	39637.	122	64	64	66	60	62	0.	143826.	0.	109.	0.	532543.	0.				
1 129	165490.	584	433	414	383	426	394	5262.	44899.	723.12.08	1411.	0.	40249.	0.				
1 130	28140.	426	451	351	427	480	493	0.	165490.	0.0.00	34917.	0.	429381.	0.				
1 131	119332.	0	0	0	0	0	0	0.	28140.	0.	0.	0.	176903.	0.				
1 132	186546.	0	0	0	0	0	0	0.	119332.	0.	0.	0.	630729.	0.				
1 133	1478	1515	1659	1648	1834	1273	1385	17238.	203784.	11793.40.62	29285.	4353.	228668.	252.				

MCA UNIT
CUMULATIVE OIL, WATER & GAS PRODUCTION
YEAR, 1972

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-72	OIL PRODUCTION												WATER PRODUCTION			GAS PRODUCTION - MCF		
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	CUM TO 1-1-73	12 MO. PROD BBLs	% WTR PROD	CUM TO 1-1-73	12 MO. VOLUME	CUM TO 1-1-73	12 MO AVG RATIO				
1 133	150246.							0.	150246.			170.			628079.				
1 134	62837.	0	0	0	0	0	0	0.	62837.	0.00	6049.	0.	394127.	0.					
1 135	66774.	0	0	0	0	0	0	0.	66774.	0.00	1684.	0.	248590.	0.					
1 136	159188.	1203	727	646	1059	1179	1641	19775.	178963.	53462.72	106584.	11115.	357474.	562.					
1 137	202926.	2647	3185	2387	1093	2459	1549	0.	202926.	72.99	7644.	305890.							
1 138	293028.	1980	1839	823	1647	1999	1879	20888.	313916.	1310.59	8767.	4780.	406440.	228.					
1 139	233002.	1887	1930	2045	936	1799	2124	0.	233002.	5.90	330.	299287.							
1 140	208282.	164	27	30	22	718	334	3274.	211556.	6113.65	9631.	1497.	518368.	457.					
1 141	188546.	335	354	415	329	269	277	0.	188546.	65.12	206.	233535.							
1 142	137596.	234	27	207	83	99	91	2057.	139653.	9885.82	23206.	402.	199243.	195.					
1 143	183571.	91	97	224	296	300	308	0.	183571.	77	0.	156906.							
1 144	46680.							0.	46680.		0.	81129.							
1 145	200885.							0.	200885.		703.	285824.							
1 146	458798.	5911	4722	4371	3136	3965	3707	47719.	506517.	43124.47	51871.	16989.	623758.	356.					
1 147	309010.	4025	4006	3658	3740	3279	3199	0.	309010.	47	12362.	674076.							
1 148	125254.	4900	4351	4430	4413	4356	4073	50481.	175735.	3123.58	6889.	20717.	100057.	410.					
1 149	326259.	4260	4240	4093	4153	3641	3571	24021.	350280.	5.82	6889.	20717.	100057.	410.					
1 150	297840.	1654	1603	1398	1394	1713	1601	0.	297840.	21.69	7496.	19039.	758251.	792.					
1 151	586442.	1675	1667	1654	3122	2969	3571				0.		610391.						
1 152	608800.	4116	4594	4088	5104	3956	4730	51541.	637983.	5905.10	8103.	37647.	848954.	730.					
1 152	608800.	4559	5278	4555	3918	3772	2871	27000.	635800.	23.67	30717.	43873.	953283.	1624.					
1 152	608800.	3065	3543	2074	1021	1659	2302												
1 152	608800.	1409	2399	2070	2846	2741	1871												

MCA UNIT
 CUMULATIVE OIL, WATER & GAS PRODUCTION
 YEAR, 1972

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-72	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-73	WATER PRODUCTION			GAS PRODUCTION - MCF		
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	CUM TO 1-1-73	12 MO. PROD	% WTR	CUM TO 1-1-73	12 MO. VOLUME			CUM TO 1-1-73	12 MO AVG RATIO				
1 153	356039.	1473	1531	1525	756	939	1120	15090.	371129.	12956.	46.19	42160.	17375.	739094.	1184.						
1 154	310072.	2279	1083	966	1072	1120	1226	0.	310072.	0.	0.	186.	0.	321134.	0.						
1 155	386912.	1923	2522	3295	2492	2648	1058	21159.	408071.	3430.	14.12	7378.	8011.	240234.	378.						
1 156	10355.	1020	864	745	1009	1680	1903	0.	26379.	18817.	54.00	82577.	2827.	4637.	176.						
1 157	289799.	1232	1321	1404	1322	1404	995	0.	289799.	0.	0.	0.	0.	187136.	0.						
1 158	330200.	960	1120	966	1377	1503	2420	0.	354362.	13876.	36.47	17202.	14747.	496233.	610.						
1 159	255103.	1953	2552	2349	2823	2999	1050	24162.	255103.	0.	0.	163.	0.	294477.	0.						
1 160	342544.	1320	1210	2068	3275	1208	1355	0.	412965.	22277.	24.03	39271.	59337.	371506.	842.						
1 161	14480.	5128	6907	6494	6048	6244	5479	70421.	412965.	0.	0.	0.	0.	0.	0.						
1 162	212215.	4968	4997	8227	6491	5610	3828	0.	343339.	39605.	66.60	44713.	29156.	43989.	1408.						
1 163	268112.	2992	2485	2213	1993	1770	1999	19859.	212215.	0.	0.	522.	0.	303342.	0.						
1 164	189569.	1384	1108	1046	970	1023	876	0.	284696.	7279.	30.50	10672.	22374.	252920.	1349.						
1 165	179081.	1703	1619	1588	1246	1041	1406	16584.	189569.	0.	0.	4216.	0.	155697.	0.						
1 165	179081.	1055	711	1906	1957	1075	1277	0.	284696.	0.	0.	0.	0.	0.	0.						
1 166	192908.	2238	1374	1684	1758	1912	2147	23420.	202501.	5169.	18.08	6286.	23144.	253313.	988.						
1 167	225734.	2150	2338	1952	2028	1887	1952	0.	192908.	0.	0.	7956.	0.	275394.	0.						
1 168	32830.	2241	4210	4377	3516	3509	2937	37483.	263217.	7838.	17.29	15936.	34780.	241962.	927.						
1 169	228183.	2941	3323	2766	2673	2412	2578	0.	69163.	40613.	52.78	47399.	30068.	41938.	827.						
1 170	418779.	4063	2865	3055	3000	2807	3628	0.	228183.	0.	0.	4114.	0.	226815.	0.						
1 171	285913.	3633	2708	2440	2337	2618	3129	66376.	435155.	17747.	21.09	33799.	19867.	574440.	299.						
1 171	285913.	5980	5285	5308	5225	7083	7343	0.	285913.	0.	0.	321.	0.	319696.	0.						

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COMPANY, LEASE & WELL NO.	CUM. TO 1-1-72	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-73	WATER PRODUCTION		GAS PRODUCTION		12 MO AVG RATIO
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	% VTR	CUM TO 1-1-73	12 MO. VOLUME	CUM TO 1-1-73	12 MO AVG RATIO								
1 172	190800.	3155	2222	4515	3965	3573	3454	39567.	230167.	8949.	18.52	24402.	9227.	177457.	234.					
1 173	260094.	3329	2662	2927	3244	3065	3258	39567.	230167.	8949.	18.52	24402.	9227.	177457.	234.					
1 174	42325.	3936	2342	1529	1111	2361	934	26159.	286253.	2158.	7.62	4470.	12705.	244580.	485.					
1 175	507672.	899	1056	856	4061	4126	2948	40094.	82417.	19324.	32.52	28943.	10112.	20853.	252.					
1 176	375147.	3786	3334	3996	4204	3701	3435	0.	307672.	10720.		10720.		610576.						
1 177	37317.	3359	3560	2650	2938	2564	2517	0.	307672.	10720.		10720.		610576.						
1 178	315721.	3613	3091	3497	3745	3815	3174	44366.	419513.	618.	1.37	6510.	15027.	592652.	338.					
1 179	477509.	3320	3305	3280	5331	4545	3650	44366.	419513.	618.	1.37	6510.	15027.	592652.	338.					
1 180	367465.	1347	1259	1283	1277	1291	1207	0.	315721.	27267.	66.31	63600.	8517.	19995.	614.					
1 181	383736.	1087	1082	1074	1090	764	1039	0.	315721.	27267.	66.31	63600.	8517.	19995.	614.					
1 182	18035.	2879	2289	2332	2526	2614	2725	31957.	509466.	163.	0.50	12157.	10016.	408361.	313.					
1 183	272992.	2850	2837	2584	2621	2711	2939	0.	367465.	163.	0.50	12157.	10016.	408361.	313.					
1 184	340506.	674	515	641	2335	3725	2977	0.	340506.	2897.	9.74	3020.	5806.	917675.	216.					
1 185	181294.	3115	2924	2670	2710	2246	2301	26833.	410569.	2897.	9.74	3020.	5806.	917675.	216.					
1 186	413146.	387	343	350	348	721	674	5420.	23455.	15997.	74.69	18159.	7956.	73377.	1467.					
1 187	282064.	706	702	291	295	180	423	0.	282064.	105.	0.51	389.	26047.	1236590.	1280.					
1 188	168211.	1715	1660	1632	1742	1952	1826	0.	293327.	105.	0.51	389.	26047.	1236590.	1280.					
1 189	211325.	1910	1726	1713	1738	1240	1481	0.	340506.	0.		0.		768133.						
1 189	211325.	3375	3434	3439	3426	3665	3427	41776.	223070.	55.	0.13	1060.	20381.	596854.	499.					
1 189	211325.	3585	3509	3483	3535	3486	3412	41776.	223070.	55.	0.13	1060.	20381.	596854.	499.					
1 189	211325.	4839	3899	4255	3542	3245	2977	41202.	459348.	2126.	4.90	2755.	228896.	1354068.	5555.					
1 189	211325.	3114	3159	3135	3181	2867	2939	0.	282064.	0.		0.		258551.						
1 189	211325.	59	54	555	1765	1475	1182	10738.	178949.	2181.	16.88	4720.	4494.	49762.	418.					
1 189	211325.	974	997	927	1052	960	738	0.	211325.	0.		14357.		271228.						

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COMPANY, LEASE & WELL NO.	CUM. TO 1-1-72	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-73	WATER PRODUCTION		GAS PRODUCTION		12 MO AVG RATIO
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. % PROD	WTR PROD	CUM TO 1-1-73	12 MO. VOLUME	CUM TO 1-1-73								
1 274	31744.	5268	5095	5012	5110	5287	4353	4353	56027.	87771.	8426.13.07	16005.	29079.	57533.	519.					
1 275	28032.	4554	4350	4615	4683	4209	3491	3491	56027.	87771.	8426.13.07	16005.	29079.	57533.	519.					
1 276	20104.	3491	4064	3322	4616	5557	4803	4803	48930.	76962.	3012.14.07	17937.	25054.	45894.	512.					
1 277	19554.	5024	5001	3686	3564	2866	2936	2936	48930.	76962.	3012.14.07	17937.	25054.	45894.	512.					
1 278	6926.	1752	2029	1828	2532	2614	2666	2666	22191.	42295.	13496.37.81	24049.	64159.	72586.	2891.					
1 279	71068.	2669	2215	1046	1074	865	901	901	22191.	42295.	13496.37.81	24049.	64159.	72586.	2891.					
1 280	23076.	2103	2102	1952	2792	2202	2022	2022	26755.	46309.	15892.37.26	45958.	884.	884.	33.					
1 281	43908.	1949	2207	2098	2326	2357	2645	2645	26755.	46309.	15892.37.26	45958.	884.	884.	33.					
1 282	11623.	11287	8889	7600	7407	5808	2961	2961	26755.	46309.	15892.37.26	45958.	884.	884.	33.					
1 283	63273.	4137	5342	3417	3508	2667	2575	2575	65598.	72524.	46615.41.54	47557.	60571.	65279.	923.					
1 284	20279.	8173	6656	6013	5720	6365	5207	5207	65598.	72524.	46615.41.54	47557.	60571.	65279.	923.					
1 285	73030.	4276	3692	3184	2887	2884	2752	2752	57809.	123877.	77560.57.29	113403.	27722.	48557.	479.					
1 286	10439.	2879	2349	2564	2467	2313	2163	2163	57809.	123877.	77560.57.29	113403.	27722.	48557.	479.					
1 287	16852.	2263	2252	2235	1679	1550	1032	1032	25746.	48822.	111639.81.25	169140.	29980.	50356.	1164.					
1 288	35169.	3576	3488	3199	3173	3122	3078	3078	25746.	48822.	111639.81.25	169140.	29980.	50356.	1164.					
1 289	20938.	3188	3520	2789	2864	2857	2477	2477	37331.	81239.	52668.58.52	78540.	30051.	47342.	804.					
		2695	2461	2564	2091	2253	2050	2050	37331.	81239.	52668.58.52	78540.	30051.	47342.	804.					
		1851	1614	1829	1561	1394	1534	1534	23897.	35520.	79663.76.92	103674.	31192.	41101.	1305.					
		8685	7294	7746	7408	7541	6540	6540	23897.	35520.	79663.76.92	103674.	31192.	41101.	1305.					
		8601	6720	6647	6062	6285	6207	6207	85736.	149009.	36586.29.90	42687.	41812.	76531.	487.					
		4288	3263	3264	3194	3154	2837	2837	85736.	149009.	36586.29.90	42687.	41812.	76531.	487.					
		2968	2954	2932	2621	2325	2381	2381	36181.	56460.	42388.53.95	68221.	43415.	63208.	1199.					
		8052	5854	7433	5766	5276	5257	5257	36181.	56460.	42388.53.95	68221.	43415.	63208.	1199.					
		4819	4775	5415	4630	5165	3771	3771	66213.	139243.	55088.45.41	72777.	35803.	62210.	540.					
		1727	1550	1707	1266	1186	977	977	66213.	139243.	55088.45.41	72777.	35803.	62210.	540.					
		618	566	534	406	315	375	375	11227.	21666.	57434.83.64	80643.	9938.	18657.	885.					
		3726	3723	3782	3484	3605	2894	2894	11227.	21666.	57434.83.64	80643.	9938.	18657.	885.					
		2789	3071	2651	2785	2632	3065	3065	38257.	55109.	61067.61.48	89337.	5714.	5714.	149.					
		1884	1861	1708	3423	2903	2458	2458	38257.	55109.	61067.61.48	89337.	5714.	5714.	149.					
		1709	1920	1463	1629	1562	2322	2322	24842.	60011.	127088.83.64	139851.	2312.	2312.	93.					
		4038	3693	3728	4266	3896	3974	3974	24842.	60011.	127088.83.64	139851.	2312.	2312.	93.					
		3979	3939	3811	3747	3565	3478	3478	46114.	67052.	19115.29.30	33427.	33702.	42890.	730.					

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COMPANY, LEASE & WELL NO.	CUM. TO 1-1-72	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-73	WATER PRODUCTION		GAS PRODUCTION		12 MO AVG RATIO
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. % PROD	VTR PROD	CUM TO 1-1-73	12 MO. VOLUME	CUM TO 1-1-73	12 MO. VOLUME							
1 290	22745.	2885	4024	3661	3904	3510	2956	55894.	58639.	16127.31.00	51115.	4007.	4007.	111.						
1 291	37964.	2849	2367	1987	2265	3389	2097	55894.	58639.	16127.31.00	51115.	4007.	4007.	111.						
1 292	4328.	6519	5927	4883	4243	6292	6057	60421.	98385.	56099.48.14	65789.	40881.	61289.	676.						
1 293	42427.	5740	4603	2923	3580	4745	4904	38717.	43045.	1634. 4.04	2341.	0.	0.	0.						
1 294	32066.	2634	2661	3293	3716	3785	3483	59152.	101579.	39362.39.95	52058.	5945.	5945.	100.						
295	732.	3349	3392	3251	3298	2893	2962	54924.	86990.	7704.12.30	12625.	1474.	1474.	26.						
1 296	17369.	5709	5765	5492	5225	5552	4730	71433.	72165.	39220.35.44	39566.	788.	788.	11.						
1 297	8023.	4558	4031	3561	4590	5422	4517	26857.	44226.	25479.48.68	43136.	41067.	59524.	1529.						
1 298	44352.	5769	4684	5247	4625	4915	4450	20508.	28531.	40849.66.57	55075.	28618.	40453.	1395.						
1 299	799.	4288	3902	3947	4377	4303	4419	82848.	127200.	35875.30.21	37124.	49118.	68415.	592.						
1 300	0.	8473	7627	7109	6546	6955	5943	85554.	86353.	16377.16.06	16561.	14179.	14179.	165.						
1 301	0.	5728	5866	4831	5111	4126	3098	40736.	40736.	14400.26.11	14400.	0.	0.	0.						
1 302	0.	2940	2748	2565	2468	2313	1995	0.	0.	0.	0.	0.	0.	0.						
1 304	0.	2086	2077	2061	1915	1653	2036	0.	0.	0.	0.	0.	0.	0.						
1 305	0.	2166	1892	2357	1547	1767	1802	51212.	51212.	3539. 6.46	3539.	71117.	71117.	1388.						
1 306	0.	1804	1920	1255	1337	1310	1351	51212.	51212.	3539. 6.46	3539.	71117.	71117.	1388.						
1 307	0.	8757	8024	8202	7636	9148	9304	21870.	21870.	9625.30.56	9625.	8227.	8227.	376.						
		6846	5391	5276	5418	4666	4180	21870.	21870.	9625.30.56	9625.	8227.	8227.	376.						
		5329	6038	7259	6969	7210	7439	31351.	31351.	18567.37.19	18567.	14458.	14458.	461.						
		8050	7779	7721	7540	6947	7273	31351.	31351.	18567.37.19	18567.	14458.	14458.	461.						
		4901	3720	3788	3194	3395	2893	24736.	24736.	527. 2.08	527.	471.	471.	19.						
		3026	3012	2990	3092	3022	3703	24736.	24736.	527. 2.08	527.	471.	471.	19.						

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COMPANY, LEASE & WELL NO.	CUM. TO 1-1-72	OIL PRODUCTION												WATER PRODUCTION			GAS PRODUCTION - MCF		
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	CUM TO 1-1-73	12 MO. PROD BBLs	% WTR PROD	CUM TO 1-1-73	12 MO. VOL.	CUM TO 1-1-73	12 MO AVG RATIO				
1 308	0.	7887	6284	8088	6611	9043	8184	58121.	58121.	7505.11.43	7505.	1642.	1642.	28.					
1 309	0.	0	0	0	0	0	168	168.	168.	1710.91.05	1710.	0.	0.	0.					
1 310	0.	0	0	0	0	0	3755	168.	168.	1710.91.05	1710.	0.	0.	0.					
1 311	0.	10256	9453	6415	6182	5558	5306	46925.	46925.	17680.27.36	17680.	8170.	8170.	174.					
1 312	0.	882	963	799	855	840	862	5880.	5880.	1145.16.29	1145.	6272.	6272.	1066.					
1 313	0.	4143	5234	5254	5331	3822	4444	34084.	34084.	11303.24.90	11303.	26946.	26946.	790.					
1 314	0.	0	0	0	74	619	1600	3736.	3736.	34589.90.25	34589.	603.	603.	161.					
1 315	0.	6347	6317	5399	5245	4751	3570	34055.	34055.	21907.39.14	21907.	202.	202.	5.					
1 316	0.	4504	8480	8534	8380	7339	7882	45119.	45119.	4780.9.57	4780.	14253.	14253.	315.					
1 317	0.	3514	9231	6421	6656	6094	5581	37497.	37497.	30080.44.51	30080.	20119.	20119.	536.					
1 318	0.	0	7515	4807	4506	4676	5131	26635.	26635.	7542.22.06	7542.	17201.	17201.	645.					
1 319	0.	0	1466	5230	1622	2063	2258	12639.	12639.	34317.73.08	34317.	231.	231.	18.					
1 320	0.	0	1473	4086	4805	3714	3582	17660.	17660.	31778.64.27	31778.	38613.	38613.	2186.					
1 321	0.	0	461	1209	1241	1127	1101	5139.	5139.	5096.49.78	5096.	79.	79.	15.					
1 322	0.	0	0	4093	6922	3280	2618	16913.	16913.	29405.63.48	29405.	89.	89.	5.					
1 323	0.	0	0	1282	1415	1289	1139	5125.	5125.	1205.19.03	1205.	148.	148.	28.					
		0	0	0	5072	3304	2653	11029.	11029.	1285.10.43	1285.	10308.	10308.	934.					

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COMPANY, LEASE & WELL NO.	CUM. TO 1-1-72	JAN/ JULY	FEB/ AUG.	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-73	WATER PRODUCTION		GAS PRODUCTION		MCF 12 MO AVG RATIO
				MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. % PROD	WTR % PROD	CUM TO 1-1-73	12 MO. VOLUME	CUM TO 1-1-73										
1 324	0.	0	0	0	0	0	0	0	0	0	0	0	0	0	0.	0.	0.	0.	0.	0.	0.	
1 325	0.	0	0	0	0	408	0	7152	7807	0	18947.	18947.	6921.26.75	6921.	129.	129.	6.	6.	6.	6.		
1 326	0.	0	0	467	5741	3545	3507	0	11260.	11260.	11260.	3917.25.80	3917.	75.	75.	6.	6.	6.	6.	6.		
1 327	0.	0	0	0	0	2143	2196	0	4339.	4339.	4339.	12023.73.48	12023.	5259.	5259.	1212.	1212.	1212.	1212.	1212.		
1 328	0.	0	0	0	0	0	0	0	7215.	7215.	7215.	1696.19.03	1696.	24.	24.	3.	3.	3.	3.	3.		
1 329	0.	0	0	0	0	0	0	4532	4180	0	8712.	8712.	2138.19.70	2138.	4312.	4312.	494.	494.	494.	494.		
1 330	0.	0	0	0	0	0	0	0	2883	0	2883.	2883.	1799.38.42	1799.	24.	24.	3.	3.	3.	3.		
1 331	0.	0	0	0	0	0	0	2532	4094	0	6626.	6626.	4098.38.21	4098.	74.	74.	11.	11.	11.	11.		
1 332	0.	0	0	0	0	0	0	0	1514	0	1514.	1514.	2241.59.68	2241.	10.	10.	6.	6.	6.	6.		
1 333	0.	0	0	0	0	0	0	0	0	0	0.	0.	0.0.00	0.	0.	0.	0.	0.	0.	0.		
1 334	0.	0	0	0	0	0	0	0	0	0	0.	0.	0.0.00	0.	0.	0.	0.	0.	0.	0.		
1 335	0.	0	0	0	0	0	0	0	0	0	0.	0.	0.0.00	0.	0.	0.	0.	0.	0.	0.		
1 336	0.	0	0	0	0	0	0	0	0	0	0.	0.	0.0.00	0.	0.	0.	0.	0.	0.	0.		
1 337	0.	0	0	0	0	0	0	0	0	0	0.	0.	0.0.00	0.	0.	0.	0.	0.	0.	0.		
1 338	0.	0	0	0	0	0	0	0	0	0	0.	0.	0.0.00	0.	0.	0.	0.	0.	0.	0.		
1 339	0.	0	0	0	0	0	0	0	0	0	0.	0.	0.0.00	0.	0.	0.	0.	0.	0.	0.		

MCA UNIT
 CUMULATIVE OIL, WATER & GAS PRODUCTION
 YEAR, 1972

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-72	OIL PRODUCTION												CUM TO 1-1-73	WATER PRODUCTION		GAS 12 M VOLU
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	12 MO. %	PROD BBL	WTR PROD	CUM TO 1-1-73					
LEASE TOTAL	55052762.	517036.	484473.	520300.	503543.	534752.	513675.	6233845.	61386607.	4795383.	43.	4710094561.	3670				
BAISH A	2	106933.						0.	106933.			0.					
M CH. B	3	14942.						0.	14942.			0.					
MILLER A	4	12570.						0.	12570.			0.					
4	7	84248.						0.	84248.			0.					
LEASE TOTAL		96818.	0.	0.	0.	0.	0.	0.	96818.	0.	0.00	0.					
MILLER B	5	51813.						0.	51813.			0.					
PEARS. A	6	22715.						0.	22715.			0.					
PART TOTAL	55945983.	517036.	484473.	520300.	503543.	534752.	513675.	6233845.	62179828.	4795383.	43.	4710094561.	3670				

MCA UNIT
 CUMULATIVE OIL, WATER & GAS PRODUCTION
 YEAR, 1972

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-72	OIL PRODUCTION												12 MO. PROD BRLS	WATER % WTR PROD	CUM TO 1-1-73	12 MO. GAS PRODUCTION VOLUME	CUM TO 1-1-73	12 MO AVG RATIO
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	CUM TO 1-1-73	CUM TO 1-1-73	12 MO. VOLUME	CUM TO 1-1-73							
11 1	10979.													0.	10979.	3983.	0.		
STATE B																			
12 3	37109.	0	0	0	0	0	0	0	0	0	0	0	0.	37109.	0.00	29.	0.	184755.	0.
12 4	23101.	424	398	682	536	591	612	6727.	29828.	2760.29.09	5931.	186.	36635.	27.					
12 5	50943.	646	678	557	619	570	414	4845.	55788.	27179.84.87	44069.	317.	73383.	65.					
12 6	21648.	770	725	248	219	215	223	0.	21648.		0.	61446.							
12 7	41691.	235	246	506	563	519	376	41691.			205.	99623.							
12 8	31039.	1156	1086	1116	1121	940	975	0.	41691.		205.	99623.							
LEASE	1027.	1078.	886.	985.	908.	659.	11937.	42976.	922.7.17	3080.	430.	55926.	36.						
LEASE	2350.	2209.	2046.	1876.	1746.	1810.	23509.	229040.	30861.56.76	53314.	933.	511768.	39.						
TOTAL	1908.	2002.	1949.	2167.	1997.	1449.													
TAYLOR																			
13 1	41879.	246	64	238	115	40	230	2709.	44588.	46612.94.50	66415.	0.	89152.	0.					
13 2	27446.	1157	120	148	193	79	79	0.	27446.	0.00	31.	0.	54218.	0.					
13 3	32505.	0	0	0	0	0	0	0.	32505.	0.00	0.	0.	50276.	0.					
13 4	34838.	0	0	0	0	0	0	0.	34838.	0.00	0.	0.	50276.	0.					
LEASE	0	2998	2127	2691	2029	1972	11817.	46655.	3585.23.27	7652.	3669.	57770.	310.						
LEASE	246.	64.	238.	115.	40.	230.	14526.	151194.	50197.77.55	74098.	3669.	251416.	252.						
TOTAL	1157.	3118.	2275.	2884.	2108.	2051.													
NON-PART																			
TOTAL	868367.	6961.	6173.	6452.	6645.	5692.	9386.	106372.	974739.	159050.59.92	535453.	39059.	2128252.	367.					
GRAND	56814350.	523997.	490646.	526752.	510188.	540444.	523061.												
TOTAL	539260.	546556.	526987.	556238.	526529.	529559.	6340217.	63154567.	4954433.43.	8610630014.	3709241.	100233088.	585.						

// JOB 2
 // END OF ALL JOBS

C

MALJAMAR COOPERATIVE AGREEMENT

Box 460 Hobbs Office O.C.C.
Hobbs, New Mexico

March 9, 1964
MAR 10 11 11 AM '64

715

New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico

Attention of Joe D. Ramey, Proration Manager

Re: Commission Order R-2403, Case 2718

Dear Sir:

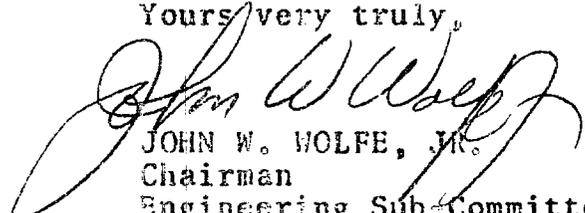
For the month of April 1964, we are requesting an MCA Unit nomination of 3929 barrels of oil per day, a monthly total of 117,870 barrels.

For the Maljamar Repressuring (G-SA) other than MCA Unit, we are requesting a nomination of 280 barrels of oil per day or a monthly total of 8,400 barrels.

All of the nominations are the same as the effective allowable at the end of March with the following exceptions:

MCA Unit No. 51 Unit E, 20-17-32	Increase from 45 to 51 bbls.
MCA Unit No. 52 Unit H, 19-17-32	Decrease from 37 to 27 bbls.
MCA Unit No. 95 Unit O, 20-17-32	Increase from 33 to 39 bbls.
MCA Unit No. 119 Unit D, 27-17-32	Increase from 44 to 58 bbls.
MCA Unit No. 133 Unit D, 30-17-33	Increase from 0 to 25 bbls.
MCA Unit No. 198 Unit L, 30-17-33	Decrease from 45 to 32 bbls.
MCA Unit No. 211 Unit P, 29-17-33	Increase from 37 to 43 bbls.
MCA Unit No. 217 Unit N, 30-17-32	Decrease from 21 to 11 bbl.

Yours very truly,


JOHN W. WOLFE, JR.
Chairman
Engineering Sub-Committee

RDR-JS

Copies to: DEJ

Attached Mailing List

1964 MAR 11 9 AM
MAIN OFFICE OCC

Case
no. 2718

MALJAMAR COOPERATIVE AGREEMENT

HOBBS, NEW MEXICO

ANNUAL REPORT

YEAR 1977

MCA UNIT
CUMULATIVE OIL & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-78	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-79	WATER PRODUCTION		GAS PRODUCTION - MCF			
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	12 MO. PRD	% WTR	CUM TO 1-1-79	12 MO. VOLUME	CUM TO 1-1-79			12 MO AVG RATIO					
1 15	165075.													0.	165075.			3172.	207252.		
1 16	84579.	0	0	0	0	0	0	0	0	0	0	0	0	0.	84579.	0.00	29161.	0.	413399.	0.	
1 17	163802.	667	607	730	600	454	686	6478.	6478.	170280.	23661.78.50	135191.	1057.	203616.	163.						
1 18	138341.													0.	138341.			1246.	224025.		
1 19	156990.	336	211	244	229	242	197	9417.	166407.	8362.47.03	87704.	1099.	228346.	116.							
1 20	98805.													0.	98805.			922.	334536.		
1 21	154956.	985	422	213	400	465	432	5234.	160190.	21422.80.36	152655.	601.	831792.	114.							
1 22	307120.													0.	307120.			236.	344236.		
1 23	850845.	186	159	183	171	424	356	6690.	857535.	29013.81.26	210199.	1940.	530061.	289.							
1 24	338859.													0.	338859.			214.	419111.		
1 25	388569.	186	158	91	172	242	333	2919.	391488.	20115.87.32	211527.	1448.	553358.	496.							
1 26	178786.													0.	178786.			1776.	244439.		
1 27	955831.	895	799	480	282	301	283	5366.	961197.	49916.90.29	617155.	1017.	736846.	139.							
1 28	587620.													0.	587620.			490.	758497.		
1 29	388168.	0	0	0	0	0	0	0.	388168.	0.00	132735.	0.	558657.	0.							
1 30	361310.													0.	361310.			40075.	325670.		

MCA UNIT
 CUMULATIVE OIL, WATER & GAS PRODUCTION
 YEAR, 1978

COMPANY, LEASE & WELL NO.	CUH. TO 1-1-78	OIL PRODUCTION												12 MO. TOTAL	CUH TO 1-1-79	WATER PRODUCTION		GAS PRODUCTION - MCF						
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	CUH TO 1-1-79	12 MO. PRD BRLS	CUH TO 1-1-79	12 MO. VOLUME	CUH TO 1-1-79			12 MO AVG RATIO								
1 31	68782.												0.	68782.										
1 32	80794.	465	433	501	416	475	412	5779.	86573.	10260.63.96	137323.	724.	94721.	125.										
		462	568	527	588	517	415																	
1 33	79455.	155	22	25	23	24	0	249.	79704.	7336.96.71	100211.	96.	219754.	385.										
		0	0	0	0	0	0																	
1 34	54132.							0.	54132.		0.		131423.											
1 35	264471.	450	432	476	508	500	520	4654.	269125.	94426.95.30	687889.	1215.	486847.	261.										
		488	495	222	120	201	142																	
1 36	96225.							0.	96225.		0.		471387.											
1 37	193822.	1171	1161	754	479	464	697	8063.	201885.	3713.31.53	17835.	3978.	190202.	493.										
		648	524	469	512	566	618																	
1 38	14142.	0	0	0	0	0	0	0.	14142.	0.0.00	737221.	0.	13334.	0.										
		0	0	0	0	0	0																	
1 39	106678.							0.	106678.		60.		615343.											
1 40	240767.	124	149	420	619	481	454	4224.	244991.	33863.86.90	485529.	111.	423285.	26.										
		349	431	296	271	253	372																	
1 41	4348.	0	0	0	0	0	0	0.	4348.	0.0.00	15147.	0.	10147.	0.										
		0	0	0	0	0	0																	
1 42	476046.							0.	476046.		11823.		622710.											
1 43	290952.	223	200	360	450	301	312	3678.	294630.	1751.32.25	74518.	3087.	225770.	839.										
		322	270	264	378	258	340																	
1 44	214549.	959	798	960	957	993	905	11005.	225554.	7164.39.42	63774.	174.	42139.	15.										
		885	942	845	919	877	965																	
1 45	205799.							0.	205799.		5333.		692591.											

MCA UNIT
CUMULATIVE OIL & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUH. TO 1-1-78	OIL PRODUCTION												12 MO. TOTAL	CUH TO 1-1-79	WATER PRODUCTION		12 MO. TOTAL	CUH TO 1-1-79	GAS PRODUCTION - MCF	
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	12 MO. % PROD	WTR % INTR PROD	CUH TO 1-1-79	12 MO. VOLUME	CUH TO 1-1-79			12 MO AVG RATIO					
1 46	400013.	372	150	1045	1013	1084	986	3119.	408132.	80225.90.80	579290.	719.	677139.	88.							
1 47	187095.	866	440	403	337	361	329	6706.	103801.	87962.92.91	640873.	7871.	308058.	1173.							
1 48	332105.	1045	484	475	541	413	511	0.	332105.	2285.	616939.										
1 49	1105362.	744	607	882	629	602	1094	9472.	1114834.	51956.34.58	395311.	1122.	903131.	118.							
1 50	273633.	1108	845	713	710	819	719	0.	273633.	304.	320603.										
1 51	734973.	526	448	517	514	545	427	7686.	742659.	20854.73.06	226153.	1832.	1034129.	238.							
1 52	295648.	464	920	795	767	1010	753	0.	295648.	65.	575391.										
1 53	327719.	651	554	639	286	303	254	5165.	332884.	64130.92.54	297748.	881.	706048.	170.							
1 54	143306.	258	217	523	494	458	528	0.	143306.	749.	601765.										
1 55	395239.	90	185	182	114	102	1590	7656.	402895.	24228.75.98	135989.	1417.	285238.	185.							
1 56	282217.	1727	1667	521	532	409	537	0.	282217.	0.0.00	26517.	0.	768263.	0.							
1 57	605227.	0	0	0	0	0	0	0.	612831.	45884.85.78	195959.	5397.	673125.	709.							
1 58	234798.	435	317	365	457	484	1119	7604.	612831.	45884.85.78	195959.	5397.	673125.	709.							
1 59	293297.	1134	1095	1207	341	327	323	6344.	241142.	141412.95.70	638233.	2848.	185679.	448.							
1 60	1036053.	756	713	795	800	848	195	0.	293297.	3840.	620767.										
		1679	1082	1081	1085	965	1373	12999.	1049052.	47867.78.64	480215.	1558.	1356265.	119.							
		1391	908	960	851	818	806														

CUMULATIVE OIL & GAS PRODUCTION

MCA UNIT
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-78	JAN/ JULY	FEB/ AUG.	OIL PRODUCTION					12 MO. TOTAL	CUM TO 1-1-79	WATER PRODUCTION		GAS PRODUCTION - MCF	
				MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. % PROD			WTR % PROD	CUM TO 1-1-79	12 MO. VOLUME	CUM TO 1-1-79
1 76	177644.													
1 77	56791.	103	173	150	46	100	87	996.	57787.	1552.60.91	15743.	816.	313236.	819.
		54	57	55	62	57	52							
1 78	45395.							0.	45395.		0.		456631.	
1 79	173990.	0	0	0	0	0	0	0.	173990.	0.0.00	45763.	0.	888071.	0.
		0	0	0	0	0	0							
1 80	49336.							0.	49336.		0.		210638.	
1 81	169921.	580	518	501	554	475	412	6334.	176255.	10627.62.65	70402.	843.	635566.	133.
		706	625	499	434	574	456							
1 82	88200.							0.	88200.		0.		206640.	
1 83	189753.	2800	2227	2808	2587	2576	1994	28566.	218319.	2280.7.39	7658.	2038.	727980.	71.
		2498	2419	2163	2354	1951	2189							
1 84	249241.	1017	1184	1479	1382	1624	760	0.	249241.		0.		225340.	
		882	916	890	737	685	557							
1 85	327757.	882	916	890	737	685	557	12113.	339870.	147902.92.43	744259.	12810.	631455.	1057.
		707	750	634	367	620	697							
1 86	113018.	943	752	583	833	655	533	8074.	121092.	106453.92.95	563532.	5700.	85814.	705.
		271356.												
1 87	271356.							0.	271356.		101.		764821.	
1 88	564632.	1684	1209	684	685	1292	1195	16051.	580683.	52510.76.58	321833.	6442.	882754.	401.
		1226	1275	1656	1794	1609	1742							
1 89	122687.	390	387	453	508	557	570	5645.	128332.	142656.96.19	708740.	1189.	122459.	210.
		566	491	521	448	375	379							
1 90	269843.							0.	269843.		0.		692841.	
1 91	332136.	0	0	0	0	0	0	0.	332136.	0.0.00	42450.	0.	966424.	0.
		0	0	0	0	0	0							

MCA UNIT
CUMULATIVE OIL, WATER & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUH, TO 1-1-78	JAN/ JULY	FEB/ AUG.	OIL PRODUCTION					12 MO. TOTAL	CUH TO 1-1-79	WATER PRODUCTION 12 MO. PRD WTR BRLS	CUH TO 1-1-79	GAS PRODUCTION - MCF 12 MO. AVG RATIO	
				MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC							
1 92	590792.	579	499	540	360	452	567	5820.	596612.	13732.70.23	185782.	110.	841684.	18.
1 93	433025.	535	430	475	487	413	483	5820.	439660.	6930.51.08	142496.	129.	654610.	19.
1 94	321371.	643	781	580	594	465	680	6635.	321371.	0.	10166.	828652.	0.	
1 95	521378.	360	317	283	343	363	305	3986.	525364.	52352.92.92	518361.	597.	804747.	149.
1 96	350990.	309	240	342	227	437	460	3986.	393970.	9427.17.98	89185.	2367.	70219.	55.
1 97	286699.	3994	3733	4252	4004	3411	3810	42980.	286699.	0.	90.	465260.	0.	
1 98	635716.	750	475	761	539	684	636	3176.	643892.	78209.90.53	495044.	1261.	719879.	154.
1 99	34173.	603	722	785	738	737	746	3176.	34173.	0.0.00	68948.	0.	58323.	0.
1 100	335823.	0	0	0	0	0	0	0.	335823.	0.	2656.	726824.	0.	
1 101	595108.	1766	1473	1765	1399	1463	1623	16839.	611947.	32692.66.00	226738.	2053.	955628.	121.
1 102	257201.	1649	1169	1070	1165	1146	1121	16839.	257201.	0.	389.	1073223.	0.	
1 103	635510.	930	844	883	942	1201	1144	11871.	647381.	112171.90.42	448311.	6902.	583134.	581.
1 104	278526.	1160	1170	960	847	900	890	11871.	278526.	0.	483.	295991.	0.	
1 105	750469.	960	845	1035	1085	762	661	10299.	760768.	49946.82.90	458744.	14060.	392087.	1365.
1 106	143424.	825	871	823	937	30	1465	10299.	143424.	0.0.00	294821.	0.	139402.	0.

MCA UNIT
CUMULATIVE OIL & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUH. TO 1-1-78	OIL PRODUCTION					12 MO. TOTAL	CUH TO 1-1-79	WATER PRODUCTION		GAS PRODUCTION - MCF				
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.			12 MO. PROD	% /TR	CUH TO 1-1-79	12 MO. VOLUME	CUH TO 1-1-79	12 MO AVG RATIO	
1 107	337305.						0.	337305.		62.	299562.				
1 108	549456.	961	818	1004	943	999	339	559781.	32788.76.05	266707.	11794.	375785.	1133.		
1 109	336198.	747	721	741	766	982	804	559781.		62.	329443.				
1 110	482923.	1079	773	780	872	843	793	492734.	69430.87.61	574482.	235.	337384.	23.		
1 111	260384.	497	781	924	811	749	909	260384.		0.	249711.				
1 112	676704.	619	824	596	731	541	510	685098.	12550.59.92	495685.	123.	586110.	14.		
1 113	0.	483	781	818	865	774	852	0.		0.	0.	0.			
1 114	548229.	309	200	180	168	233	227	551473.	6307.66.03	181691.	105.	720219.	32.		
1 115	515351.	214	215	422	379	413	284	519415.	1735.29.91	72897.	108.	738935.	26.		
1 116	0.	280	250	420	450	301	341	0.		0.	0.	0.			
1 117	720656.	375	377	317	324	259	341	746198.	10721.29.56	105952.	32765.	1046191.	1282.		
1 118	607440.	2546	2121	2040	2279	2167	2041	10721.29.56	105952.	32765.	1046191.	1282.			
1 119	474025.	2465	2747	1684	1649	1652	2151	621050.	16569.54.90	119106.	17121.	1258154.	1257.		
1 120	537377.	1330	1233	1178	1100	1186	1109	578527.	95834.69.95	418643.	20784.	593051.	505.		
1 121	168987.	1227	1210	1135	1025	894	983	168987.		737.	1170078.				
1 122	421688.	3782	3506	3864	3611	3196	3992	426890.	33495.86.55	281858.	15227.	664280.	2927.		
		504	633	423	395	397	330			60.	329395.				

MCA UNIT
CUMULATIVE OIL, WATER & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-78	OIL PRODUCTION							12 MO. TOTAL	CUM TO 1-1-79	WATER PRODUCTION		GAS PRODUCTION - 1/2 MO	
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. PROD			% WTR	CUM TO 1-1-79	12 MO. VOLUME	CUM TO 1-1-79
1 123	137911.							0.	137911.	168.			607980.	
1 124	124235.	350 450	303 397	351 444	601 495	650 287	303 268	4899.	129134.	1133.18.78	8605.	6150.	286974.	1255.
1 125	150805.							0.	150805.	0.			167048.	
1 126	122202.	750 534	606 512	777 555	808 619	819 631	802 630	3043.	130245.	741.8.43	8301.	1537.	36385.	191.
1 127	143826.							0.	143826.	109.			532543.	
1 128	73723.	310 393	259 312	351 264	323 371	250 344	304 524	4005.	77728.	977.19.61	37147.	1243.	52671.	310.
1 129	165490.	0 0	0 0	0 0	0 0	0 0	0 0	0.	165490.	0.0.00	34917.	0.	429381.	0.
1 130	75990.	1300 898	1124 796	1203 832	1109 1053	1201 975	1040 628	12159.	88149.	13323.52.28	61358.	2427.	226093.	199.
1 131	119332.							0.	119332.	24.			630729.	
1 132	233266.	250 113	324 114	304 111	324 124	150 115	65 74	2068.	235334.	50991.96.10	230948.	620.	256286.	299.
1 133	150246.							0.	150246.	170.			628079.	
1 134	74412.	163 435	281 370	276 416	237 464	204 430	325 263	3864.	78276.	10185.72.49	47938.	211.	395295.	54.
1 135	66774.							0.	66774.	1684.			248590.	
1 136	241068.	620 618	433 455	502 655	277 651	450 573	477 407	6128.	247196.	15024.71.02	207692.	918.	385166.	149.
1 137	202926.							0.	202926.	7644.			305890.	
1 138	398709.	870 927	670 956	853 998	762 929	751 746	715 648	9825.	408534.	3582.26.71	39194.	4151.	476584.	422.

CUMULATIVE OIL WATER & GAS PRODUCTION

MCA UNIT
 WATER & GAS PRODUCTION
 YEAR, 1978

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-78	OIL PRODUCTION						12 MO. TOTAL	CUM TO 1-1-79	WATER PRODUCTION		GAS PRODUCTION - MCF			
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC			12 MO. PRD	CTR PRD	12 MO. VOLUME	CUM TO 1-1-79	12 MO AVG RATIO	
1 139	233002.							0.	233002.						
1 140	251919.	1007	951	1028	878	875	1084	14256.	266175.	3464.	19.54	35753.	2054.	540371.	144
1 141	188546.	1404	1335	1303	1889	1377	1125	14256.	266175.			206.		233535.	
1 142	172669.	362	1556	1805	1663	1801	1561	14095.	186764.	11127.	44.11	45987.	340.	264492.	24.
1 143	183571.	2022	2045	388	434	229	229	0.	183571.			0.		156906.	
1 144	46680.							0.	46680.			0.		81129.	
1 145	200885.							0.	200885.			703.		285824.	
1 146	714823.	3807	3530	4196	3920	2849	2634	42876.	757699.	28905.	40.26	232945.	17770.	714155.	414.
1 147	309010.	4024	3664	3435	4357	3337	3123	0.	309010.			12362.		674076.	
1 148	285734.	975	967	1017	1128	1193	1331	13572.	299306.	32451.	70.51	132562.	1298.	133653.	95.
1 149	433626.	1257	1112	982	1217	1192	1201	10223.	443849.	11107.	52.07	117991.	7242.	1036424.	708.
1 150	297840.	727	774	785	705	737	912	0.	297840.			0.		610391.	
1 151	864695.	1038	1079	1012	865	805	784	47092.	911787.	12211.	20.59	71021.	39555.	1026103.	839.
1 152	672992.	4529	3843	4170	3797	3974	3616	0.	672992.			0.	0.00	48104.	0.
1 153	419042.	3537	3824	3933	3893	3717	4259	8563.	427605.	15992.	65.12	162909.	141.	780597.	16.
1 154	310072.	588	499	660	563	812	765	0.	310072.			186.		321134.	

HCA UNIT
CUMULATIVE OIL, WATER & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-78	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-79	WATER PRODUCTION		GAS PRODUCTION - MCF	
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	12 MO. PROD	% WTR	CUM TO 1-1-79	12 MO. VOLUME	CUM TO 1-1-79			12 MO AVG RATIO			
1 155	437116.	0	0	0	0	0	0	0	0	0	0	0	0.	437116.	0.00	41092.	0.	242019.	0.
1 156	43103.	0	0	0	0	0	0	0	0	0	0	0	0.	43103.	0.00	166415.	0.	14969.	0.
1 157	289799.												0.	289799.		0.		187136.	
1 158	441123.	1269	1198	1440	1350	1445	1270	15208.	456331.	48123.75	98	295815.	932.	513567.	61.				
1 159	255103.	1423	969	1003	1298	1265	1278	15208.	456331.	48123.75	98	295815.	932.	513567.	61.				
1 160	571953.	1084	924	913	714	683	551	8204.	580157.	92276.91	83	526618.	11063.	442610.	1348.				
1 161	55202.	618	597	346	452	655	667	8204.	580157.	92276.91	83	526618.	11063.	442610.	1348.				
1 162	212215.	0	0	0	0	0	0	0.	55202.	0.00	124117.	0.	59541.	0.					
1 163	375397.	1301	1531	1308	1228	1699	1475	16274.	391671.	4305.20	91	52169.	9339.	315824.	573.				
1 164	189569.	1804	1629	1125	1135	1010	1029	16274.	391671.	4305.20	91	52169.	9339.	315824.	573.				
1 165	304491.	2634	2244	2373	2228	2491	1805	0.	189569.	4216.		155697.							
1 166	192908.	1752	1692	1655	1780	1856	1953	0.	189569.	4216.		155697.							
1 167	407959.	1177	1425	1218	783	939	763	0.	192908.	7956.		275394.							
1 168	160488.	773	746	905	937	900	948	0.	192908.	7956.		275394.							
1 169	228183.	727	687	1061	719	1090	661	0.	170582.	9979.49	71	250531.	5062.	81671.	501.				
1 169	228183.	773	747	873	909	928	914	0.	170582.	9979.49	71	250531.	5062.	81671.	501.				
1 169	228183.							0.	228183.	4114.		226815.							

CUMULATIVE OIL & GAS PRODUCTION
 YEAR, 1978

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-78	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-79	LATER PRODUCTION		GAS PRODUCTION - MCF	
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	CUM TO 1-1-79	12 MO. % PROD VTR	CUM TO 1-1-79	12 MO. VOLUME	CUM TO 1-1-79			12 MO AVG RATIO			
1 170	663760.	1217	1048	1260	1181	1505	1370	18396.	682156.	47213.71.	96	289660.	23215.	709888.	1261.				
1 171	285913.							0.	285913.			321.		319696.					
1 172	351922.	1671	1347	822	956	1024	963	11820.	363742.	12441.51.	27	108418.	347.	197183.	29.				
1 173	389645.	371	249	419	394	512	529	5853.	395498.	6978.54.	38	62831.	3669.	281187.	626.				
1 174	192432.	1176	1273	1500	1406	843	768	16039.	208471.	11599.41.	96	124803.	325.	62063.	20.				
1 175	307672.							0.	307672.			10720.		610576.					
1 176	553756.	1366	1039	1238	1241	1325	1267	14503.	568259.	5209.26.	42	28818.	2113.	626559.	145.				
1 177	201241.	2448	2297	2596	2313	2222	2440	28513.	229754.	15914.35.	82	245715.	11457.	83430.	401.				
1 178	315721.							0.	315721.			921.		584180.					
1 179	643226.	1262	870	936	761	1093	1011	11988.	655214.	10125.45.	78	55498.	1070.	431343.	89.				
1 180	367465.							0.	367465.			320.		1133479.					
1 181	649400.	2390	2926	3502	2990	3611	3453	39296.	688696.	28860.42.	34	61936.	2373.	938571.	60.				
1 182	33632.	0	0	0	0	0	0	0.	33632.	0.	0.00	78056.	0.	88706.	0.				
1 183	388302.	2269	1910	2384	1834	2186	2060	25017.	413319.	45032.64.	31	123145.	4695.	1269777.	187.				
1 184	340506.							0.	340506.			0.		763133.					

MCA UNIT
CUMULATIVE OIL, WATER & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-78	OIL PRODUCTION												CUM. TO 1-1-79	WATER PRODUCTION		GAS PRODUCTION - MCF	
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	12 MO. PROD	WTR PROD	CUM TO 1-1-79	12 MO. VOLUME	CUM TO 1-1-79		12 MO AVG RATIO			
1 185	397831.	1610 944	1595 704	1660 798	1298 1121	1094 864	1134 721	13543.	411374.	44766.77	140390.	2108.	626003.	155.				
1 186	698577.	5424 5911	4666 5659	5524 5307	5331 5510	5268 4707	5165 5254	63726.	762303.	827.1.28	11771.	11969.	1566403.	187.				
1 187	282064.							0.	282064.		0.		258551.					
1 188	220296.	1369 1039	1124 1027	1304 1332	1478 1115	1601 1033	1431 964	14817.	235113.	2968.16.68	8991.	3285.	81880.	221.				
1 189	211325.							0.	211325.		14357.		271228.					
1 190	245537.							0.	245537.		54309.		363539.					
1 191	167547.	773 786	735 881	852 831	862 1022	725 832	651 804	9754.	177301.	2226.18.58	23457.	1832.	304331.	187.				
1 192	328465.	1162 786	778 852	903 832	647 1053	550 947	650 974	10134.	338599.	15332.60.20	66846.	1265.	487830.	124.				
1 193	137624.	2428 1862	1881 2017	2181 1641	1640 2415	1426 1950	1560 2119	23120.	160744.	31044.57.31	114438.	1447.	47314.	62.				
1 194	255291.							0.	255291.		16960.		514250.					
1 195	48384.	0	0	0	0	0	0	0.	48384.	0.0.00	36542.	0.	181417.	0.				
1 196	461419.	697 871	519 975	601 860	555 1022	562 803	521 1031	9017.	470436.	17337.65.78	185472.	1613.	430933.	178.				
1 197	24315.							0.	24315.		0.		33397.					
1 198	264242.							0.	264242.		35125.		226633.					
1 199	341847.	382 420	368 284	627 361	393 496	350 516	347 297	4841.	346688.	24087.83.26	193073.	2417.	311413.	499.				

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CUMULATIVE OIL & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUH. TO 1-1-78	OIL PRODUCTION												12 MO. TOTAL	CUH TO 1-1-79	WATER PRODUCTION		GAS PRODUCTION - MCF			
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	CUH TO 1-1-79	12 MO. PRD	% WTR	CUH TO 1-1-79	12 MO. VOLUME			CUH TO 1-1-79	12 MO AVG RATIO				
1 200	37309.													0.	37309.			0.	32043.		
1 201	277650.	2325	1945	2206	5982	6478	8432	55543.	353193.	32637.37	.01	130206.	15057.	233020.	271.						
		4718	5284	5159	4583	4360	4071														
1 202	351044.	70	540	251	277	480	541	4822.	335866.	2594.84	.35	95450.	1928.	114050.	399.						
		419	625	611	341	345	322														
1 203	248657.							0.	248657.			0.		385320.							
1 204	85075.	585	580	1147	1072	928	919	10693.	95768.	9153.46	.12	54396.	18049.	171382.	1687.						
		754	887	859	897	834	1231														
1 205	331217.							0.	331217.			614.		478054.							
1 206	611235.	2634	2442	2415	2256	2651	2693	51368.	642603.	8589.21	.49	17046.	1078.	733747.	34.						
		2672	2813	2638	2915	2711	2528														
1 207	318597.							0.	318597.			0.		405560.							
1 208	213732.							0.	213732.			321.		541936.							
1 209	265253.							0.	265253.			0.		271734.							
1 210	768388.	1010	1306	1267	1472	1052	0	7602.	776490.	5164.40	.45	207396.	1283.	517009.	168.						
		0	0	0	0	745	750														
1 211	295071.							0.	295071.			452.		369295.							
1 212	155427.	1176	1023	1350	1266	1324	1105	14887.	170314.	1357.8	.35	61899.	6395.	95933.	429.						
		1394	1355	1320	1107	1161	1306														
1 213	184363.							0.	184363.			5020.		270304.							
1 214	269508.	1245	1073	1110	1006	1475	2137	14649.	284157.	5978.28	.98	123876.	271.	133942.	18.						
		1074	1198	1214	974	1007	1136														
1 215	66137.							0.	66137.			6168.		69075.							

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CUMULATIVE OIL, WATER & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-78	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-79	WATER PRODUCTION		GAS PRODUCTION - MCF	
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	CUM TO 1-1-79	12 MO. PRD	CTR PRD	CUM TO 1-1-79	12 MO. VOLUME			CUM TO 1-1-79	12 MO AVG RATIO		
1 216	237518.	1025 927	818 795	1156 604	1142 625	1172 546	966 460	10236.	247754.	19342.65	.39	71578.	21202.	415050.	2071.				
1 217	161135.							0.	161135.			2085.		146073.					
1 218	181761.	805 515	686 746	791 713	743 739	761 709	617 533	8363.	190124.	1869.18	.26	22238.	1760.	164063.	210.				
1 219	51268.	240 52	211 199	243 198	228 227	235 218	51 200	2302.	53570.	3730.61	.83	47281.	541.	64052.	235.				
1 220	152895.							0.	152895.			0.		180608.					
1 221	243545.							0.	243545.			14133.		486664.					
1 222	259857.	782 786	847 855	1056 828	874 962	829 1102	766 1110	10797.	270654.	12248.53	.14	46568.	5789.	153472.	536.				
1 223	193945.							0.	193945.			3751.		480598.					
1 224	257724.	403 422	387 506	483 491	395 449	530 506	507 477	5556.	263280.	9331.62	.67	88351.	1212.	525837.	218.				
1 225	102740.	1147 1194	943 1211	1268 1135	1184 1154	1392 1073	1242 841	13784.	116524.	22761.62	.28	154930.	1070.	59496.	77.				
1 226	241535.	0	0	0	0	0	0	0.	241535.	0.	0.00	120479.	0.	1042982.	0.				
1 227	198972.	98 220	121 229	151 215	141 288	166 268	158 288	2343.	201315.	19930.89	.48	157683.	774.	405349.	330.				
1 228	97030.							0.	97030.			23234.		191468.					
1 229	188291.							0.	188291.			56607.		214766.					
1 230	206612.							0.	206612.			4890.		363811.					
1 231	175246.	455 377	436 380	409 355	338 577	372 298	367 300	4664.	179910.	42152.90	.03	338245.	1013.	359004.	217.				

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CUMULATIVE OIL, WATER & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-78	OIL PRODUCTION												CUM. TO 1-1-79	WATER PRODUCTION			GAS PRODUCTION - MCF		
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	12 MO. PRD	WTR BRLS	CUM TO 1-1-79	12 MO. PRD	12 MO. VOLUME		CUM TO 1-1-79	12 MO AVG RATIO				
1 257	220731.	239	423	426	386	369	509	5417.	226148.	38645.87	70	407942.	1196.	43460.	220.					
1 258	232730.	450	396	456	359	369	661	5668.	238398.	75784.93	04	614247.	2933.	42919.	517.					
1 259	84420.	0	0	0	0	0	0	0.	84420.	0.	0.00	67344.	0.	97010.	0.					
1 260	504491.	5647	4566	6000	5626	6020	5668	54980.	559471.	18253.24	92	139194.	662.	311038.	12.					
1 261	208064.	1009	967	905	762	1453	982	13019.	221083.	12191.48	35	60119.	1793.	127230.	137.					
1 262	349970.	495	400	639	619	662	603	7072.	357042.	158835.95	73	1255135.	99.	187080.	13.					
1 263	184972.	0	0	0	0	0	0	0.	184972.	0.	0.00	459246.	0.	37420.	0.					
1 264	258154.	660	581	548	515	817	618	6511.	264665.	172911.96	37	1205605.	10549.	114582.	1620.					
1 265	109760.	341	290	335	172	181	407	6844.	116604.	57601.89	38	446503.	3022.	59721.	441.					
1 266	53949.	403	343	396	285	302	254	4415.	58364.	17231.79	60	155114.	677.	43238.	153.					
1 267	39179.	1085	924	1046	939	1060	890	11517.	50696.	15714.57	70	179696.	1873.	15885.	162.					
1 268	202162.	1268	1306	1419	1185	1325	1153	14785.	216947.	11758.44	29	78403.	10659.	138500.	720.					
1 269	111725.	727	649	780	731	752	685	8851.	120576.	7046.44	32	297050.	154.	21374.	17.					

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CUMULATIVE OIL & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-78	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-79	WATER PRODUCTION		GAS PRODUCTION - MCF	
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	CUM TO 1-1-79	12 MO. % PRD WTR BLS PRD	CUM TO 1-1-79	12 MO. VOLUME	CUM TO 1-1-79			12 MO AVG RATIO			
1 270	221704.	779	749	780	732	602	548	3758.	230462.	28159.76	.27	235983.	5115.	30926.	584.				
1 271	71762.	558	449	600	563	662	623	6959.	73721.	293.4	.04	1892.	563.	12813.	80.				
1 272	0.	0	0	0	0	0	0	0.	0.	0.000	0.	0.	0.	0.	0.				
1 273	40447.	0	0	0	0	0	0	0.	40447.	0.000	0.	4472.	0.	138428.	0.				
1 274	352716.	3729	3143	3652	3412	3313	2757	40357.	393573.	7987.16	.35	67439.	12582.	150805.	307.				
1 275	226675.	2928	2998	3230	3018	3046	2971	32843.	259518.	22699.40	.86	122906.	4624.	99472.	140.				
1 276	65424.	743	633	304	286	293	305	4495.	69919.	27448.85	.92	153444.	504.	83241.	112.				
1 277	175292.	985	1522	2003	1688	1596	1617	17983.	193275.	6014.25	.06	116780.	1359.	12974.	75.				
1 278	183856.	1085	924	1400	1257	1332	1170	13561.	197417.	33887.71	.41	338203.	3149.	113900.	600.				
1 279	202287.	961	818	395	372	381	814	6540.	208827.	79909.92	.43	533681.	951.	66475.	145.				
1 280	108667.	652	169	362	338	398	507	6071.	114738.	24713.80	.27	396670.	4950.	103564.	815.				
1 281	209820.	1320	1372	1643	1514	1605	1221	14256.	224076.	58901.80	.51	471697.	6573.	80835.	461.				
1 282	113114.	678	774	966	790	927	887	8876.	121990.	69994.88	.74	547107.	1531.	79883.	172.				

MCA UNIT
CUMULATIVE OIL, WATER & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-78	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-79	WATER PRODUCTION		GAS PRODUCTION - MCF	
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	12 MO. % PRD	WTR CUM TO 1-1-79	12 MO. VOLUME	12 MO. CUM TO 1-1-79	12 MO AVG RATIO						
1 283	530946.	929	819	1090	1057	820	665	10625.	341571.	110024.	91.19	608576.	12094.	146929.	1138.				
1 284	175034.	1304	870	1479	1382	1623	980	14295.	189329.	55374.	79.48	341479.	8357.	138612.	584.				
1 285	500083.	1642	1109	989	925	1423	1115	13472.	313555.	125887.	90.33	668881.	1441.	113033.	84.				
1 286	69347.	465	449	548	485	364	305	3712.	73059.	17632.	82.60	302089.	585.	39909.	157.				
1 287	189477.	1390	1348	1219	1322	1083	1021	13197.	202674.	98133.	88.14	622702.	82.	58990.	6.				
1 288	90139.	0	0	0	0	0	0	0.	90139.	0.	0.00	272633.	0.	48840.	0.				
1 289	238744.	1611	1373	1917	1799	1907	1577	18780.	257524.	26715.	58.72	200189.	8771.	91488.	467.				
1 290	147050.	1398	1222	1620	1378	1475	1389	16199.	163249.	21730.	57.29	130154.	5683.	33652.	350.				
1 291	149561.	0	0	0	0	0	0	0.	149561.	0.	0.00	217860.	0.	88095.	0.				
1 292	197458.	3285	2949	3290	2848	2683	3549	35172.	232630.	109160.	75.63	257230.	14603.	96846.	415.				
1 293	131804.	0	0	0	0	0	0	0.	131804.	0.	0.00	184915.	0.	9846.	0.				
1 294	234383.	1393	1048	1260	1125	1165	1020	14464.	248847.	15741.	52.11	111283.	3712.	58998.	256.				
1 295	164754.	695	574	623	647	692	653	7440.	172194.	44759.	85.74	250925.	435.	12994.	58.				

MCA UNIT
CUMULATIVE OIL, WATER & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-78	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-79	WATER PRODUCTION		GAS PRODUCTION - MCF	
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	CUM TO 1-1-79	12 MO. AVG	CUM TO 1-1-79	12 MO. AVG							
1 311	38471.	130	259	300	369	362	347	2449.	40920.	5143.67.74	47616.	3530.	49530.	144.1.					
1 312	121184.	168	51	56	185	115	107	2449.	40920.	5143.67.74	47616.	3530.	49530.	144.1.					
1 313	62644.	495	459	543	503	481	602	6288.	127472.	11806.65.24	99209.	15223.	136273.	2420.					
1 314	126267.	525	369	444	495	488	200	4090.	66734.	8259.66.87	162624.	1803.	18854.	440.					
1 315	377592.	169	527	527	139	150	130	4090.	66734.	8259.66.87	162624.	1803.	18854.	440.					
1 316	176523.	4896	4739	5167	4817	4675	5196	49769.	427361.	73820.59.73	152596.	28912.	205621.	580.					
1 317	223253.	4497	4220	5314	3236	2520	2492	49769.	427361.	73820.59.73	152596.	28912.	205621.	580.					
1 318	60282.	1851	1645	1630	1692	1938	1711	20599.	243852.	61711.74.97	288238.	3476.	67452.	168.					
1 319	112463.	1698	1930	1657	1858	1498	1441	20599.	243852.	61711.74.97	288238.	3476.	67452.	168.					
1 320	54444.	371	350	540	450	542	493	6095.	66377.	69233.91.90	530961.	132.	61410.	21.					
1 321	148982.	643	538	581	470	464	653	6095.	66377.	69233.91.90	530961.	132.	61410.	21.					
1 322	70060.	1288	1373	1650	1547	1535	1332	16408.	128871.	45994.73.70	311647.	3909.	69503.	238.					
1 323	139083.	1260	1185	1795	1244	1006	1193	16408.	128871.	45994.73.70	311647.	3909.	69503.	238.					
1 323	139083.	1425	1214	1644	1285	1465	1271	15275.	154358.	5840.27.65	46214.	1162.	35355.	76.					

MCA UNIT
CUMULATIVE OIL & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-78	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-79	WATER PRODUCTION		GAS PRODUCTION		MCF 12 MO AVG RATIO
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	12 MO. % PROD	WTR % PROD	CUM TO 1-1-79	12 MO. VOLUME	CUM TO 1-1-79							
1 324	132827.	1331 723	973 869	1230 950	759 973	813 930	765 823	11139.	143966.	11120.49.95	70169.	3378.	255365.	752.						
1 325	127508.	861 974	797 883	707 705	903 961	729 893	1209 781	10493.	138001.	42896.80.34	248060.	8829.	51359.	841.						
1 326	97220.	503 1125	349 485	420 475	394 541	662 413	624 495	6486.	103706.	30206.82.32	205479.	124.	11698.	19.						
1 327	103561.	379 315	363 262	302 277	282 257	384 239	254 240	3554.	107115.	37152.91.26	315259.	15804.	68778.	4446.						
1 328	114853.	1176 1018	998 970	1200 844	1069 811	1384 954	1106 934	12464.	127317.	9915.44.30	71681.	1327.	15707.	106.						
1 329	135179.	1539 1604	1644 1507	1872 798	1664 833	1690 1459	1616 1471	17697.	152876.	42320.70.51	149523.	3026.	23288.	170.						
1 330	87485.	852 435	778 743	877 832	693 836	750 774	607 916	9093.	96578.	31023.77.33	201613.	4354.	50679.	478.						
1 331	1514.	0 0	0 0	0 0	0 0	0 0	0 0	0.	1514.	0.0.00	2241.	0.	10.	0.						
1 332	135583.	913 755	749 673	906 767	677 545	723 507	697 465	3383.	143966.	15790.65.19	97668.	10934.	80656.	1304.						
1 333	119461.	469 1352	530 981	604 1320	1495 1250	1357 1162	1489 755	12814.	132275.	4934.27.80	104284.	4103.	31799.	320.						
1 334	75341.	827 787	822 795	927 777	692 248	651 344	607 332	7809.	83150.	291.3.59	14881.	8963.	42929.	1147.						
1 335	152591.	1878 2044	1740 1766	1479 1718	1354 1794	2154 1371	2059 1337	20694.	173285.	24356.54.06	186178.	14003.	53839.	676.						
1 336	59042.	256 449	432 467	501 443	277 496	550 344	390 444	5049.	64091.	28352.84.96	179719.	10784.	64865.	2135.						

100 UNIT
CUMULATIVE OIL, WATER & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUMUL. TO 1-1-78	OIL PRODUCTION												12 MO. TOTAL	CUMUL TO 1-1-79	WATER PRODUCTION		GAS PRODUCTION -	
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	12 MO. PRD	WTR % PRD	CUM TO 1-1-79	12 MO. VOLUME	CUM TO 1-1-79			12 MO AVG RATIO			
1 337	179125.	2441	1924	2682	2818	2826	1670	51031.	210156.	81722.72	47	226337.	37615.	204705.	1212.				
1 338	116996.	1287	1233	1540	1438	1689	1409	16450.	133446.	28528.63	42	190134.	30005.	146465.	1824.				
1 339	8834.	0	0	0	0	0	0	0.	8834.	0.0	0.00	19266.	0.	3129.	0.				
1 340	25243.	464	374	150	141	211	227	2580.	27823.	7762.75	05	32838.	189.	3767.	73.				
1 341	125581.	424	508	422	395	398	475	7928.	133509.	48588.85	97	201559.	1433.	40903.	180.				
1 342	54560.	0	0	0	0	0	0	0.	54560.	0.0	0.00	756.	0.	33281.	0.				
1 343	68632.	1034	843	1053	947	1050	311	12125.	80757.	3034.20	01	16060.	1476.	41908.	121.				
1 344	58138.	825	432	677	600	608	564	6887.	65025.	3705.34	97	29689.	7636.	59775.	1108.				
1 345	34075.	260	194	241	226	265	253	2665.	36740.	31149.92	11	326227.	1004.	23184.	376.				
1 346	76051.	522	290	604	592	445	457	5495.	81546.	32100.85	38	119248.	2004.	13897.	364.				
1 347	107224.	443	821	953	1663	1600	1387	15193.	122417.	20159.57	02	106150.	2002.	40838.	131.				
1 348	156611.	1679	1319	2457	2610	2401	2081	25570.	182181.	37458.59	43	96231.	2713.	27129.	106.				
1 349	492220.	749	281	422	506	550	759	7270.	56490.	8523.53	96	37380.	1556.	42298.	214.				

NCA UNIT
CUMULATIVE OIL & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-78	OIL PRODUCTION												12 MO. TOTAL	CUM TO 1-1-79	WATER PRODUCTION		GAS PRODUCTION - 12 MO.	
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	CUM TO 1-1-79	12 MO. PRD	WTR PRD	CUM TO 1-1-79	12 MO. VOLUME			CUM TO 1-1-79	12 MO AVG PATIO		
1 350	31659.	388	519	602	231	242	217	5485.	87144.	51988.90.45	206950.	1267.	34075.	230.					
1 351	143915.	1395	1167	2081	1917	1400	1344	19546.	168461.	69592.78.07	347975.	3522.	19153.	169.					
1 352	39873.	1000	365	502	462	400	346	6749.	46622.	1405.17.23	17044.	11993.	48012.	1777.					
1 353	99020.	782	677	996	930	1093	1046	9501.	108521.	15488.61.97	54677.	2142.	19161.	225.					
1 354	34703.	362	281	226	162	200	195	2607.	37310.	4047.60.82	37026.	1013.	10747.	388.					
1 355	0.	0	0	0	0	0	0	0.	0.	0.	0.	0.	0.	0.					
1 356	868.	0	0	0	0	0	0	0.	368.	0.0.00	22959.	0.	74.	0.					
1 357	3865.	0	0	0	0	0	3865	24395.	28260.	5309.17.87	7242.	3832.	4910.	157.					
LEASE TOTAL	82735072.222405.199064.227055.213631.226715.222587.226322.223308.213875.210759.201307.200907.2597025.85332097.7042959.73.05	3522	4220	3589	3877	2890	2432	24395.	28260.	5309.17.87	7242.	3832.	4910.	157.					
BAISII A	106933.							0.	106933.		0.		130025.						
MITCH. B	14942.							0.	14942.		0.		0.						
MILLER A	12570.							0.	12570.		0.		0.						
LEASE TOTAL	96818.	0.	0.	0.	0.	0.	0.	0.	96818.	0.0.00	0.	0.	0.	0.					

52209849.1198013. 109976111. 461.

NCA UNIT
CUMULATIVE OIL, WATER & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-78	OIL PRODUCTION												CUM. TO 1-1-79	WATER PRODUCTION 12 MO. PRD BRLS	WTR % PRD	CUM TO 1-1-79	GAS PRODUCTION - MCF		
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	12 MO. CUM TO 1-1-79	12 MO. CUM TO 1-1-79	12 MO. CUM TO 1-1-79	12 MO AVG RATIO								
MILLER B 5	51813.													0.	51813.	0.	0.	0.		
PEARS. A 6 7	22715.													0.	22715.	0.	0.	0.		
PART TOTAL	83028293.222405.199064.227055.213631.226715.222587. 226322.223308.213875.219759.201397.200907.2597025.85625318.7042959.73.05													52209849.1198013.110106136.461.						
BAISH B 7 4	44594.	182	114	312	129	103	100							1826.	46420.	5525.75.15	32670.	915.	128894.	501.
7 3	42849.													0.	42849.	0.	0.	59546.		
LEASE TOTAL	37443.	182. 104.	114. 174.	312. 202.	129. 147.	103. 127.	100. 132.							1826.	89269.	5525.75.15	32670.	915.	188440.	501.
MILLER B 8 1	99210.	761	677	653	529	549	563							7431.	106641.	9095.55.03	45671.	3589.	85147.	482.
MILL. BX 9 1	27545.													0.	27545.	3768.	0.	94989.		
9 2	93286.	298	271	265	247	263	259							3242.	96528.	144.4.25	13990.	244.	128778.	75.
9 3	28208.	241	162	207	309	345	375							0.	28208.	5490.	0.	58916.		
9 4	31015.	248	177	376	389	373	366							3537.	34552.	2261.38.99	7998.	428.	105078.	121.
9 5	22681.	342	309	199	258	239	261							0.	22681.	5298.	0.	30794.		
9 6	3171.													0.	3171.	0.	0.	10011.		

MCA UNIT
CUMULATIVE OIL, WATER & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-78	JAN/ JULY	FEB/ AUG.	OIL PRODUCTION					12 MO. TOTAL	CUM TO 1-1-79	WATER PRODUCTION 12 MO. % PROD WTR BRLS PROD	CUM TO 1-1-79	GAS PRODUCTION - MCF 12 MO. VOLUME	CUM TO 1-1-79	MCF AVG RATIO
				MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC								
9 7	49741.	198 161	180 145	177 177	183 206	176 0	172 0	1775.	51516.	7765.81.39	64830.	1477.	78458.	832.	
LEASE TOTAL	255647.	744. 744.	628. 616.	818. 583.	819. 773.	812. 584.	797. 636.	8554.	264201.	10170.54.31	101374.	2149.	507024.	251	
MATCH. B															
10 1	23836.	0	0	0	0	0	0	0.	23836.	0.0.00	55039.	0.	43765.	0.	
10 3	95575.	359 261	423 370	288 388	376 454	381 351	262 292	4205.	99780.	22411.84.20	168011.	4259.	101802.	1012.	
10 4	29636.	0	0	0	0	0	0	0.	29636.	0.0.00	28498.	0.	68557.	0.	
10 5	11382.							0.	11382.		15394.		41376.		
10 6	2864.	215 143	117 110	228 119	219 139	212 135	143 109	1889.	4753.	961.33.71	1679.	4528.	5630.	2397.	
10 7	36117.							0.	36117.		18792.		98720.		
10 8	10425.							0.	10425.		320.		30412.		
10 9	101098.	458 518	399 556	551 430	439 349	572 378	578 325	5553.	106651.	86558.93.97	785206.	4109.	125593.	739.	
10 10	5110.							0.	5110.		0.		0.		
10 12	7316.							0.	7316.		0.		245875.		
10 13	10824.							0.	10824.		3509.		25560.		
10 19	19876.	96 95	94 51	89 60	63 70	85 81	95 67	946.	20822.	19600.95.39	96881.	4160.	29387.	4397.	
LEASE TOTAL	354059.	1128. 1017.	1033. 1087.	1156. 997.	1097. 1012.	1250. 945.	1078. 793.	12593.	366652.	129530.91.13	1173329.	17056.	816677.	1354	

MCA UNIT
CUMULATIVE OIL, WATER & GAS PRODUCTION
YEAR, 1978

COMPANY, LEASE & WELL NO.	CUM. TO 1-1-78	OIL PRODUCTION												WATER PRODUCTION		GAS PRODUCTION - MCF		
		JAN/ JULY	FEB/ AUG.	MAR/ SEPT	APR/ OCT.	MAY/ NOV.	JUNE /DEC	12 MO. TOTAL	12 MO. CUM TO 1-1-79	12 MO. PRD BRLS	% WTR PRD	CUM TO 1-1-79	12 MO. VOLUME	CUM TO 1-1-79	12 MO AVG RATIO			
PEARS, BX 11 1	10979.												0.	10979.	3983.			0.
STATE B 12 3	37109.	0	0	0	0	0	0	0	0	0	0	0.	37109.	0.00	29.	0.	184755.	0.
12 4	64320.	723	688	575	549	707	461	7171.	71491.	6137.46	31	32126.	1277.	46443.	178.			
12 5	66719.	448	519	616	717	579	589	7171.	71491.	6137.46	31	32126.	1277.	46443.	178.			
12 6	21648.	372	375	680	237	275	354	3875.	70594.	13437.77	61	111290.	1612.	80773.	416.			
12 7	41691.	265	212	237	261	228	259	0.	21648.	0.	0.	61446.						
12 8	70096.	328	313	366	299	386	384	0.	41691.	205.	99623.							
LEASE TOTAL	301493.	1423.	1376.	1621.	1123.	1447.	1202.	15611.	317104.	25593.62	11	205174.	4015.	539295.	257			
TAYLOR 13 1	54382.	25	20	17	28	38	28	812.	55194.	19445.95	99	220837.	129.	89782.	158.			
NON-PART TOTAL	1163213.	4263.	3848.	4577.	3725.	4199.	3768.	46827.	1210040.	199358.80	97	1833038.	27853.	2226365.	594.			
GRAND TOTAL	84191506.	226668.	202912.	231632.	217356.	230914.	226355.	86835358.	7242317.73.	25	54042887.	1225866.	112332501.	463				

SUPPLEMENTAL AND AMENDATORY AGREEMENT TO
MALJAMAR COOPERATIVE AGREEMENT
(Supplement No. 5)
I Sec. No. 341

P L A N O F O P E R A T I O N

Continental oil Company, Operator under Supplemental and Amendatory Agreement to Maljamar Cooperative Agreement, (Supplement No. 5), I Sec. No. 341, proposes this the initial Plan of Operation as contemplated by Section 10 of such Agreement for conducting the pressure maintenance operation provided for therein.

The Grayburg-San Andres Operating Agreement appurtenant to Supplement No. 5 of even date, contemplates that Operator conduct a controlled pressure maintenance project designed to maintain a desired rate or Participating Area production, utilizing the most efficient injection rates, pressure and injection wells calculated to most effectively recover the fully unitized substances within the fully unitized formations.

Operator believes that the accomplishment of the foregoing objective will be obtained by conducting the operation on less than all of the Participating Area, and by extending the operation successively to additional areas in order to maintain such a desired rate of production.

In order to determine the most efficient injection rates, pressures and injection wells for the recovery of the fully unitized substances, Operator proposes to proceed with the initial phase designed to produce data for the resolution of those questions. Meanwhile the

injection of gas will be continued to the extent dictated by good engineering practices.

The New Mexico Oil Conservation Commission, by its Order Numbers R-841 and R-1075, has authorized injection as contemplated in such initial phase. It is anticipated that such initial phase will continue for approximately two years and that by the end of that period, Operator can have determined the extent of expansion of such initial phase desirable to most efficiently recover the fully unitized substances from the fully unitized formation at the desired rate of production.

It is proposed that continuing this initial phase of the operation, will proceed as follows:

Drilling and Conversion of Wells for Injection -

Initially, one well will be drilled as a water injection well (as shown enclosed in a square on the attached plat), two present gas injection wells which are open hole completions (enclosed in circles) will be converted to water injection wells and one presently producing oil well with open hole completion (enclosed in hexagon) will be converted to a water injection well.

When water facilities are installed, water injection operations will be commenced through these four injection wells for the obtaining of injection performance.

In addition, one well, to be located 25' from the South line and 1,325' from the West line of Section 21, Township 17 South, Range 32 East, will be drilled to obtain additional reservoir core data, pressures, etc., and will be initially completed as a producing well.

The results of this phase will furnish the engineering data to aid in designing the future equipment requirements and the proper pressure maintenance program for

maximum oil recovery. The information obtained by this work will be additional core analysis, reservoir pressures, water injection rates, injection control in individual zones and injection pressures. Based on the results so obtained, a reasonable determination can possibly be made of the injection rates, pressures and well injection density which will result in ultimate maximum economic oil recovery.

To provide additional injection and pressure data on the sixth zone and to provide for additional stimulation of oil in the area, the Pearl "B" No. 21, located 2,615' from the South line and 1,295' from the East line of Section 25, Township 17 South, Range 32 East, will be converted from a producing well to a water injection well.

Construct Water Supply Line -

A 12-3/4" water supply line will be constructed from the George Williams water supply well to the area indicated on the attached plat. The necessary pumping equipment will be installed in the George Williams water supply well to furnish water to this area. A water storage tank will be installed on top of the Caprock in the center of Section 19, Township 17 South, Range 33 East. At such time as the pressure maintenance program is further expanded, additional water supply wells will be equipped and the supply line extended to such wells as needed.

Install Injection System -

The initial injection plant and water distribution system within the field depends on expected required injection pressures. From injection data presently available on our original injection well, it appears that a system designed for a range of from 2,000 to 3,000 psi will be necessary. Additional information is being compiled on nearby waterfloods and will be further analyzed prior to the initial installation on this part of the system.

From the injection in the first four wells, the approximate pressures which will be required can be determined.

Consolidation of Oil Gathering System -

Only sufficient consolidation will be completed in the immediate future to obtain necessary engineering data and for proper separation of production for unit operations.

The following general steps will be taken to obtain information from this initial phase:

1. Cores will be taken during the drilling of new wells for determining reservoir characteristics.
2. Records of injection volumes and rates will be maintained which will help to determine the most efficient pressure maintenance program. A logging program will be carried on, where practical, in the old wells to determine and compare the formation lithology with logs and core analysis of newly drilled wells. Injection profiles and tracer surveys will be made periodically to determine points and volumes of water entry.

When this phase has been concluded and the expansion thereof is ready for accomplishment beyond the provisions of Order R-1075, Operator will file with the Commission a Supplemental Plan of Operation for administrative approval.



Wm. A. Mead, Chairman
Operators Committee
Maljamar Cooperative Agreement