

EXHIBIT NO. 2

PERFORMANCE CURVES

Figure No. 1 - Oil, water and gas-oil ratio for the entire participating area.

Figure No. 2 - Cumulative injected gas, cumulative injected water and cumulative oil and water production for the entire participating area.

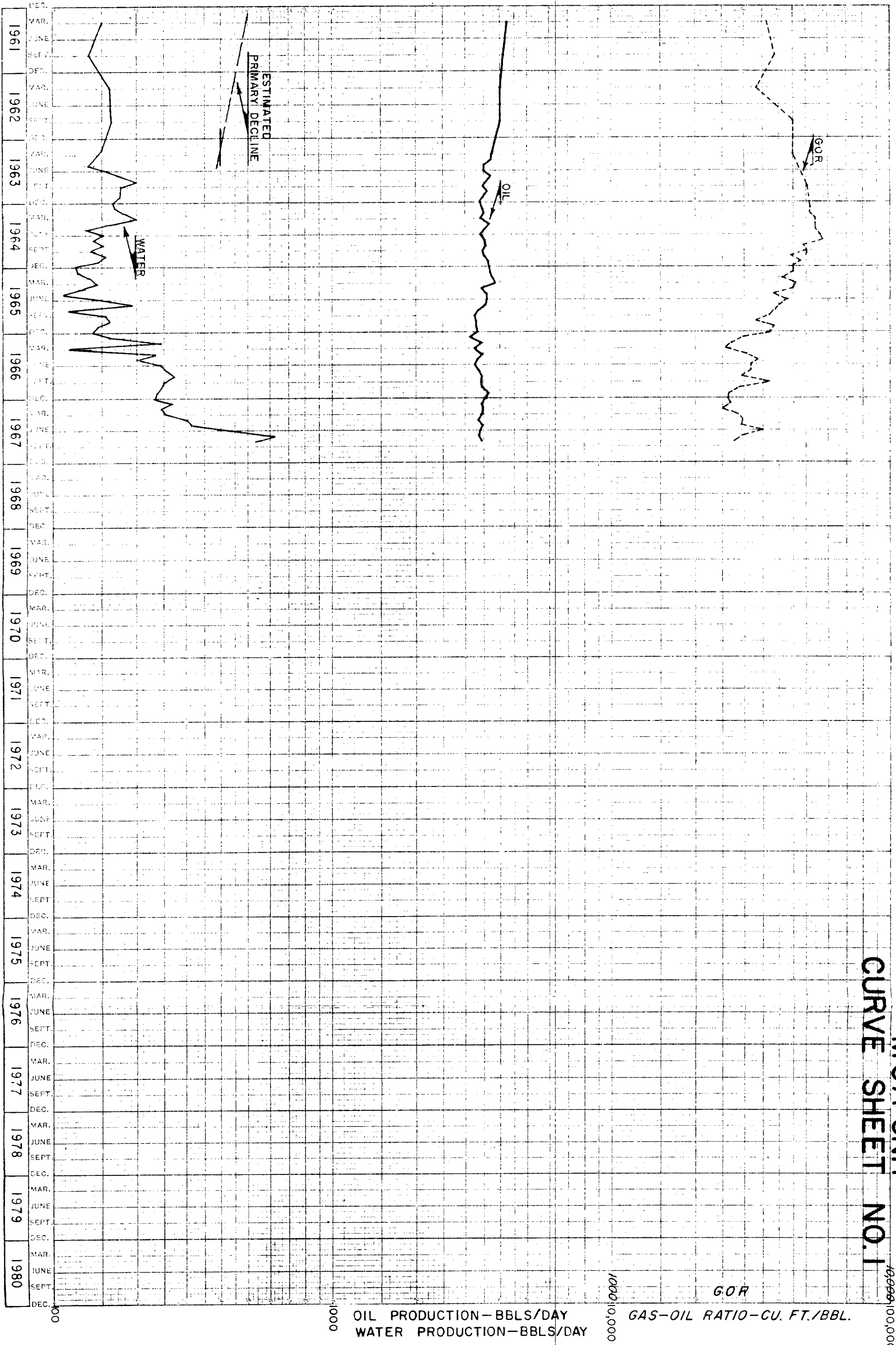
Figure No. 3 - Performance of Stage I

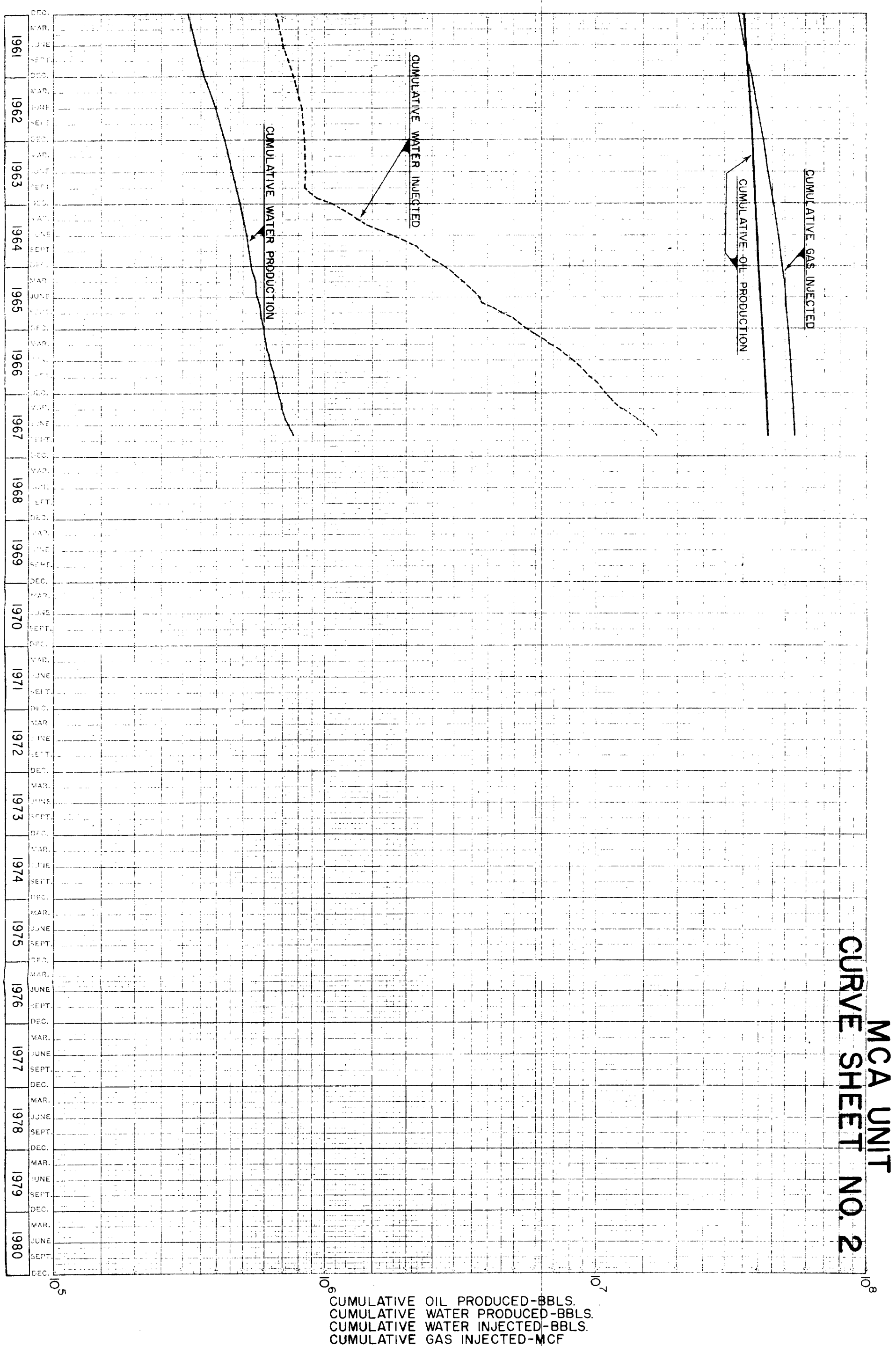
Stage I consists of area described as S/2 S/2 Section 16, and all of Sections 21 and 28. The curves include production from wells in this area plus the 22 direct offset wells within the Participating Area. The interval between the "expanded area" and "total area" is the pilot waterflood.

Figure No. 4 - Central Pilot Waterflood

This curve shows the performance of injectors, MCA Nos. 68, 113, 116 and 235 and producers MCA Nos. 67, 69, 91, 92, 93, 94*, 112, 114, 115, 117, 152, 153 and 234.

*Converted to injector in second expansion.





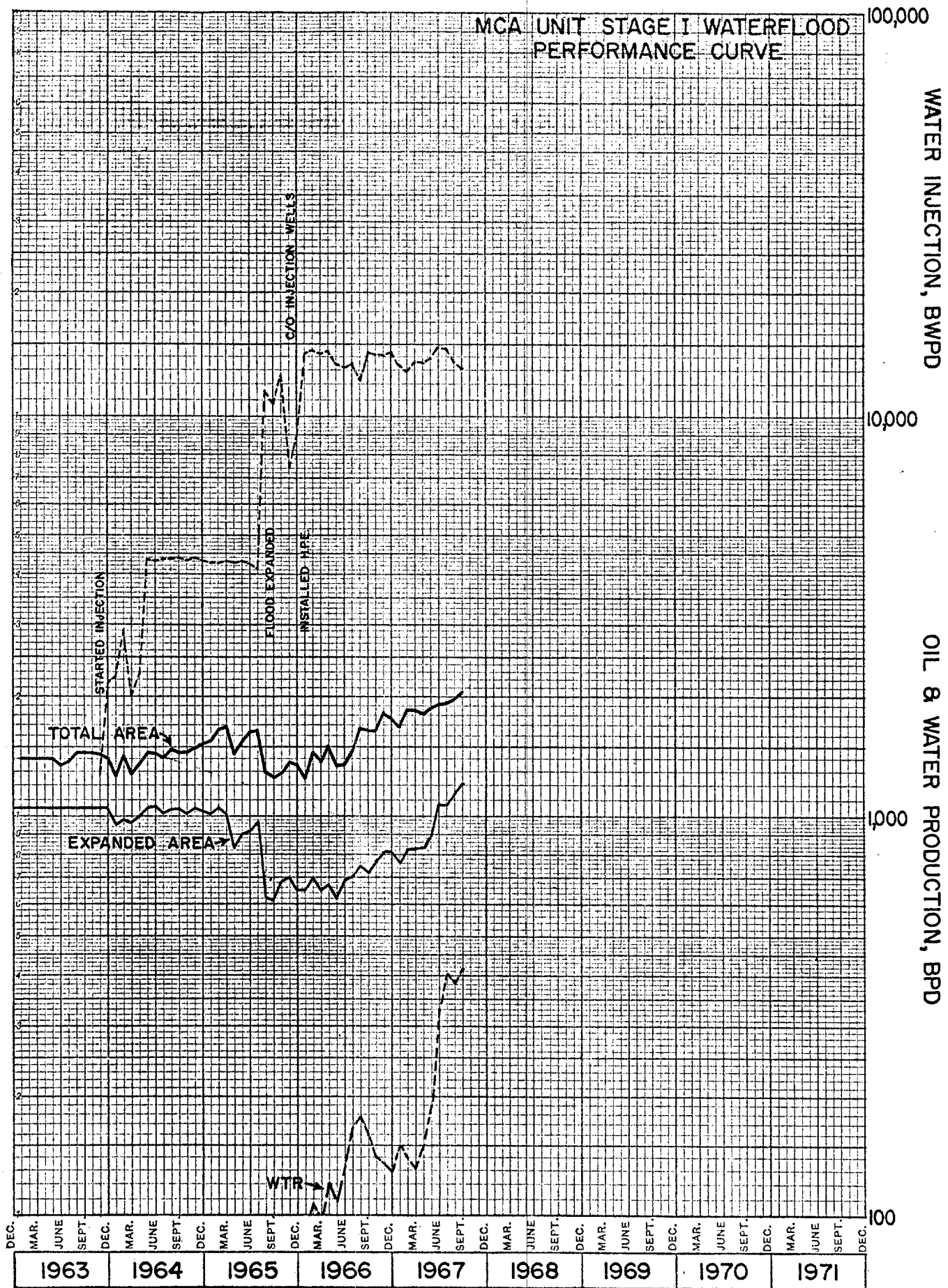


FIGURE NO. 3

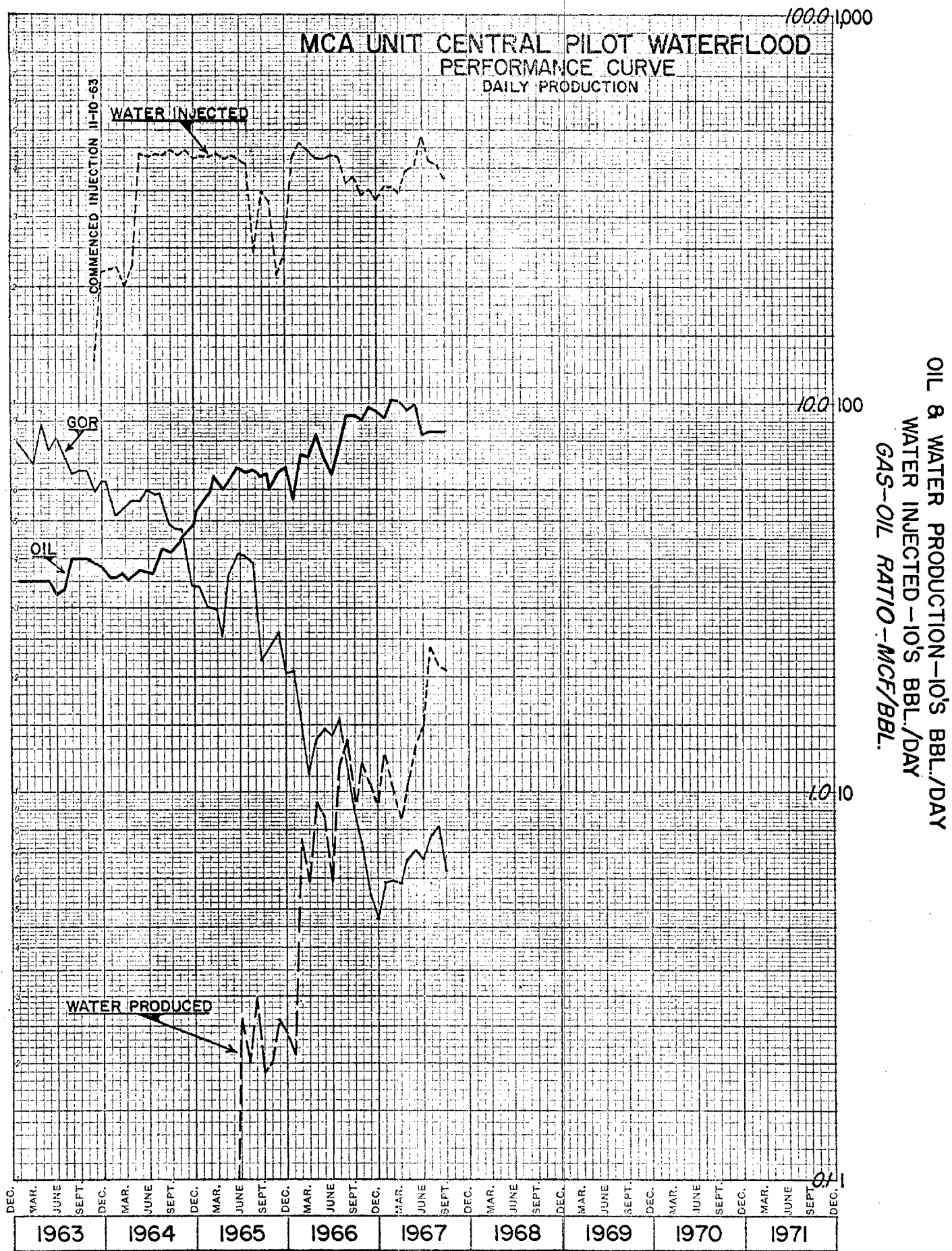


FIGURE NO. 4



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

2718
December 15, 1967

Continental Oil Company
P. O. Box 448
Hobbs, New Mexico 88240

Attention: Mr. L. P. Thompson

Gentlemen:

Your supplemental plan of operation dated November 3, 1967, submitted with your letter of November 20, 1967, for the Maljamar Cooperative agreement secondary recovery project, Lea County, New Mexico, has been approved on this date subject to like approval by the appropriate State officials.

It proposes expansion to full-scale operation during 1968, and includes a brief description of three lease agreements entered into with Hudson and Hudson, Cities Service Oil Company, and Kerrery and Company. It also gives information on lease agreements now being negotiated with E. C. Bonchus and Standard Oil Company of Texas, and agreements that will be negotiated with Great Western, Sinclair, and Standard of Texas.

Two approved copies of the plan are enclosed.

Sincerely yours,

(ORIG. SGD.) CARL C. TRAYWICK
CARL C. TRAYWICK
Acting Oil and Gas Supervisor

cc:
Washington (w/cy. of plan)
Hobbs (w/cy. of plan)
Com. of Pub. Lands, Santa Fe (ltr. only)
NMCC, Santa Fe (ltr. only) ✓

11/15/67

DEC 18 AM 9 57



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Director, U.S. Geological Survey
Washington, D.C. 20548

December 12, 1967

Enclosed for Mr. J. P. Thompson
P.O. Box 400
Hobbs, New Mexico 88240

Attention: Mr. J. P. Thompson

Enclosed:

Your supplemental plan of operations for the 1968-1969 season, submitted with your letter of November 19, 1967, for the Midway Geopark project, Las Comas, New Mexico, has been approved in this data subject to the following conditions:

1. The proposed operations for the 1968-1969 season, as shown on the attached map, are approved on the condition that the proposed operations be carried out in accordance with the following conditions:

17 DEC 18 AM 3 57

Two approved copies of the plan are enclosed.

Sincerely yours,

John G. Thompson
Chief, U.S. Geological Survey
Geological Survey, U.S. Department of the Interior

cc: Washington (copy of plan)
Hobbs (copy of plan)
Com. of Pub. Lands, Santa Fe (for info)
NMCC, Santa Fe (for info)

25000-10000-10000

Aug 30 3 31 PM '66

[illegible]

Company, Lease & Well No.	N I S.T.&R	Cumulative to 1-1-67	Oil Production						Water Production				Gas Production - MCF			
			Jan/ July	Feb/ Aug.	Mar/ Sept.	Apr/ Oct.	May/ Nov.	June/ Dec.	12 Mo. Total	Cumulative to 1-1-68	12 Mo. Prod. Bbls.	% Wtr. Prod.	Cum. to 1-1-68	12 Mo. Volume	Cum. to 1-1-68	12 Mo. Avg. Ratio
MCA UNIT 15	N 17-17-32	157,783	273	253	288	425	426	373	4433	162,216	1955	30.6	2534	16647	199,661	3755
MCA UNIT 16	M 17-17-32	61,765	—	—	—	—	—	—	—	61,765	—	—	467	—	343,023	—
MCA UNIT 17	M 18-17-32	90,231	68	63	72	71	71	68	884	91,115	69	7.2	423	6725	180,098	7607
MCA UNIT 18	D 19-17-32	137,057	34	31	36	35	35	34	1284	138,341	154	10.7	1246	3210	224,025	2500
MCA UNIT 19	C 19-17-32	58,532	102	95	108	107	106	101	1256	59,788	—	—	60	5107	123,676	4066
MCA UNIT 20	B 19-17-32	96,181	204	190	216	212	214	203	2347	98,528	31	1.3	922	37751	330,254	16,085
MCA UNIT 21	A 19-17-32	86,549	—	—	—	—	—	—	—	86,549	—	—	18	—	727,435	—
MCA UNIT 22	D 20-17-32	305,805	988	327	—	—	—	—	1315	307,120	—	—	236	2197	344,236	1671
MCA UNIT 23	C 20-17-32	294,410	647	600	684	629	653	515	13844	308,254	—	—	688	10660	361,102	770
MCA UNIT 24	B 20-17-32	337,567	1021	271	—	—	—	—	1292	338,859	—	—	214	1409	419,111	1091
MCA UNIT 25	A 20-17-32	253,173	783	832	828	638	853	847	10774	263,947	2296	17.6	6782	12294	427,109	1141
MCA UNIT 26	D 21-17-32	178,786	—	—	—	—	—	—	—	178,786	—	—	1776	—	244,439	—
MCA UNIT 27	C 21-17-32	635,458	4361	3985	5873	5480	5783	5636	81694	717,152	912	1.1	4357	6648	648,360	81
MCA UNIT 28	B 21-17-32	587,620	—	—	—	—	—	—	—	587,620	—	—	490	—	758,499	—
MCA UNIT 29	A 21-17-32	375,008	49	154	247	230	201	126	—	—	—	—	—	—	—	—
MCA UNIT 30	D 22-17-32	319,708	673	477	631	640	719	632	8901	328,609	2377	21.1	17399	984	306,392	111

PROPERTY Lease No.	U M T S T. R.	Cumulative to 1-1-67	Oil Production						Water Production			Gas Production - MCF				
			Jan/ July	Feb/ Aug	Mar/ Sept	Apr/ Oct	May/ Nov	June/ Dec	12 Mo. Total	Cumulative to 1-1-68	12 Mo. Prod. Bbls	Wtr. Prod.	Cum. to 1-1-68	12 Mo. Volume	Cum. to 1-1-68	12 Mo. AVE. Ratio
MCA UNIT 31 D	23-17-32	68,782	—	—	—	—	—	—	—	68,782	—	—	1601	—	180,694	—
MCA UNIT 32 C	23-17-32	38,088	105	55	111	101	104	98	1120	39,208	—	—	4185	2204	71,821	1968
MCA UNIT 33 G	23-17-32	45,485	—	—	—	—	—	—	—	45,485	—	—	—	—	125,862	—
MCA UNIT 34 F	23-17-32	54,132	—	—	—	—	—	—	—	54,132	—	—	—	—	131,423	—
MCA UNIT 35 E	23-17-32	136,162	158	154	—	50	46	39	546	136,708	—	—	711	1344	459,320	2462
MCA UNIT 36 H	22-17-32	94,545	123	104	116	113	116	116	1368	95,913	—	—	—	15,659	468,186	11,447
MCA UNIT 37 G	22-17-32	97,407	155	131	142	140	145	146	1660	99,067	—	—	569	4813	145,034	2899
MCA UNIT 39 F	22-17-32	105,902	30	26	28	28	29	29	628	106,530	—	—	—	8921	613,975	14,205
MCA UNIT 40 E	22-17-32	94,739	224	187	124	192	71	986	13956	108,695	20630	59.6	24108	43,50	386,571	312
MCA UNIT 42 H	21-17-32	476,046	—	—	—	—	—	—	—	476,046	—	—	11823	—	622,716	—
MCA UNIT 43 G	21-17-32	145,850	872	727	973	988	1238	1163	15421	161,271	2959	16.1	9719	2317	172,268	150
MCA UNIT 45 F	21-17-32	205,799	—	—	—	—	—	—	—	205,799	—	—	5333	—	692,591	—
MCA UNIT 46 E	21-17-32	174,538	111	747	1126	522	2301	3134	24716	194,314	236	0.4	701	22520	428,370	909
MCA UNIT 47 F	21-17-32	31,670	—	62	25	27	266	278	864	32,534	—	—	—	38283	38283	44,309
MCA UNIT 48 H	20-17-32	331,126	647	332	—	—	—	—	070	—	—	1.0	—	—	1,102	716.1
MCA UNIT 49 G	20-17-32	374,728	545	566	576	510	555	545	8294	383,022	111	1.3	171	—	544,221	1305

Company, Lease & Well No.	U I S.T. Ser.	Cumulative to 1-1-67	Oil Production						12 Mo. Total	Cumulative to 1-1-68	Water Production			Gas Production - MCF		
			Jan/ July	Feb/ Aug.	Mar/ Sept.	Apr/ Oct.	May/ Nov.	June/ Dec.			12 Mo. Prod. Bbls.	% Wtr. Prod.	Cum. to 1-1-68	12 Mo. Volume	Cum. to 1-1-68	12 Mo. Ave. Ratio
MCA UNIT 50 F	20-17-32	273,284	239	110	—	—	—	—	349	273,633	—	—	304	575	320,603	1648
MCA UNIT 51 E	20-17-32	314,545	1056	980	1116	1025	1101	1051	12420	326,965	189	1.5	270	30377	854907	2446
MCA UNIT 52 H	19-17-32	291,093	341	316	337	331	355	339	4009	295,102	—	—	65	12269	574033	3060
MCA UNIT 53 G	19-17-32	251,592	238	214	252	248	249	237	3574	255,166	71	1.9	408	22965	485,119	6426
MCA UNIT 54 F	19-17-32	140,089	272	253	288	244	284	271	2854	142,943	—	—	749	21826	600,741	7648
MCA UNIT 55 E	19-17-32	227,311	1328	1232	1404	1499	1669	1593	20345	247,656	161	0.8	833	18000	219,457	887
MCA UNIT 56 A	19-17-32	174,116	409	366	432	411	426	407	4828	199,544	993	17.1	1357	38051	576,916	7881
MCA UNIT 57 K	19-17-32	307,672	1124	1043	1188	1092	1172	1118	13633	321,305	411	2.9	1129	19507	436,336	1431
MCA UNIT 59 J	19-17-32	277,948	1975	1833	2088	1850	2060	1965	18905	296,853	1439	7.1	3586	54488	615,823	2882
MCA UNIT 60 I	19-17-32	355,807	1567	1453	1656	1522	1634	1559	19873	375,680	—	—	155	116932	1,052,242	5884
MCA UNIT 62 L	20-17-32	364,696	885	235	—	—	—	—	1120	365,816	—	—	286	1622	601,621	1448
MCA UNIT 63 K	20-17-32	272,773	988	916	1044	1027	355	338	7300	280,073	70	0.9	386	84707	1,012,369	11,604
MCA UNIT 65 J	20-17-32	334,138	886	235	—	—	—	—	1121	335,259	—	—	112	16026	94681	5376
MCA UNIT 66 I	20-17-32	421,115	947	643	666	933	720	606	10011	434,126	2949	22.8	20144	16531	536,787	1651
MCA UNIT 67 L	21-17-32	297,131	299	249	410	247	317	353	7798	304,929	—	0.2	—	—	—	—
MCA UNIT 68 K	21-17-32	119,806	—	—	—	—	—	—	—	119,806	—	—	25	—	423,317	—

Company, Lease & Well No.	U N I T I S.T.&R	Cumulative 1-1-67	Oil Production												Water Production				Gas Production - MCF			
			Jan/ July	Feb/ Aug.	Mar/ Sept.	Apr/ Oct.	May/ Nov.	June/ Dec.	12 Mo. Total	Cumulative to 1-1-68	12 Mo. Prod. Bbls.	% Wtr. Prod.	Cum. to 1-1-68	12 Mo. Volume	Cum. to 1-1-68	12 Mo. AVE. Ratio						
MCA UNIT	69 K	21-17-32	72,508	548	685	899	879	806	505	9332	81840	639	6.4	931	66449	715,290	6906					
MCA UNIT	70 J	21-17-32	283,386	—	—	—	—	—	—	—	283,386	—	—	27000	—	305,260	—					
MCA UNIT	71 I	21-17-32	215,006	308	79	87	28	87	204	1647	216,653	59	3.5	4547	17915	607,871	10,877					
MCA UNIT	72 L	22-17-32	152,458	183	104	28	365	116	58	1417	153,875	59	4.0	98	9921	383,994	7001					
MCA UNIT	73 K	22-17-32	134,360	154	131	144	141	145	146	1971	136,321	—	—	—	48257	595,522	24,484					
MCA UNIT	74 J	22-17-32	234,877	276	235	260	252	261	262	3588	238,465	—	—	56	24463	651,847	6807					
MCA UNIT	75 F	21-17-32	198,232	923	784	867	843	871	874	10310	208,542	—	—	—	29867	337,228	2877					
MCA UNIT	76 L	23-17-32	175,020	157	154	167	151	155	114	1768	176,788	—	—	221	13953	536,039	7892					
MCA UNIT	77 K	23-17-32	37,508	—	—	—	—	—	—	—	37,508	—	—	3485	—	304,879	—					
MCA UNIT	78 J	23-17-32	45,395	—	—	—	—	—	—	—	45,395	—	—	—	—	456,631	—					
MCA UNIT	79 I	23-17-32	132,922	420	411	444	402	416	311	7754	140,676	—	—	186	56419	664,612	7276					
MCA UNIT	80 P	23-17-32	49,336	—	—	—	—	—	—	—	49,336	—	—	—	—	210,638	—					
MCA UNIT	81 O	23-17-32	108,821	183	180	194	176	182	136	2204	111,025	—	—	—	21220	594,733	9638					
MCA UNIT	82 N	23-17-32	88,200	—	—	—	—	—	—	—	88,200	—	—	—	—	206,640	—					
MCA UNIT	83 M	23-17-32	54,466	263	257	278	252	260	194	3812	58,278	—	—	—	47166	511,375	12,373					
MCA UNIT	84 P	22-17-32	152,115	1646	547	661	370	1007	611	6569	344,706	—	—	—	25720	1011,373	3917					

Company, Lease & Well No.	U N T	S.T.&E	Oil Production												Water Production				Gas Production - MCF			
			Cumulative 1-1-67	Jan/ July	Feb/ Aug.	Mar/ Sept.	Apr/ Oct.	May/ Nov.	June/ Dec.	12 Mo. Total	Cumulative to 1-1-68	12 Mo. Prod. Bbls.	% Wtr. Prod.	Cum. to 1-1-68	12 Mo. Volume	Cum. to 1-1-68	12 Mo. Ave. Ratio					
MCA UNIT 85	M	22-17-32	167,896	154	131	145	140	145	146	1408	169,304	—	—	56	64943	531,120	46,124					
MCA UNIT 87	N	22-17-32	266,579	278	235	260	253	261	262	3828	270,407	—	—	54	46848	253,252	12,238					
MCA UNIT 88	M	22-17-32	326,891	1476	3424	3585	3203	3201	2734	38996	365,887	—	—	—	71002	780,798	1821					
MCA UNIT 90	F	21-17-32	269,843	—	—	—	—	—	—	—	269,843	—	—	—	—	692,841	—					
MCA UNIT 91	O	21-17-32	172,531	1769	1972	2432	2717	2244	1972	26622	199,153	874	3.2	2638.	12018	832,936	451					
MCA UNIT 92	N	21-17-32	315,224	3090	4130	5095	2415	2762	2426	37244	352,468	—	—	393	11955	653,779	321					
MCA UNIT 93	M	21-17-32	294,090	2492	2914	2304	2140	2475	2174	20990	315,080	4538	17.8	6839	5404	565,066	257					
MCA UNIT 94	D	20-17-32	320,011	1021	537	—	—	—	—	1360	321,371	681	33.3	10166	802	828,652	590					
MCA UNIT 95	D	20-17-32	238,306	750	695	792	728	756	746	16891	249,197	7736	41.5	33690	31052	692,441	2851					
MCA UNIT 97	N	20-17-32	286,287	238	174	—	—	—	—	412	286,699	0	—	90	864	465,260	2097					
MCA UNIT 98	M	20-17-32	325,157	511	474	540	496	516	509	5842	330,999	4105	41.3	30349	57744	596,480	9884					
MCA UNIT 100	F	19-17-32	324,042	954	853	1008	926	994	949	10721	334,769	1009	8.6	2543	38373	724,207	3577					
MCA UNIT 101	O	19-17-32	204,369	238	221	252	248	249	237	3057	207,426	—	—	371	39570	745,238	12,944					
MCA UNIT 102	N	19-17-32	249,286	647	600	684	629	674	644	7281	256,567	—	—	389	114006	1061,320	15,658					
MCA UNIT 103	M	19-17-32	283,669	988	884	1044	959	1030	983	9247	292,916	1415	13.3	5714	16461	359,525	1780					
MCA UNIT 104	D	30-17-32	271,450	988	916	976	959	1030	983	7076	278,526	—	—	483	34208	295,991	4834					

Company, Lease & Well No.	U N I T	S.T.&R. T	Cumulative 1-1-67	Oil Production						Water Production			Gas Production - MCF						
				Jan/ July	Feb/ Aug.	Mar/ Sept.	Apr/ Oct.	May/ Nov.	June/ Dec.	12 Mo. Total	Cumulative to 1-1-68	12 Mo. Prod. Bbls.	% Wtr. Prod.	Cum. to 1-1-68	12 Mo. Volume	Cum. to 1-1-68	12 Mo. Avg. Ratio		
MCA UNIT	105	C	30-17-32	263,421	24	9	36	35	35	34	2614	266,035	—	—	118	8715	153,507	3334	
MCA UNIT	107	B	30-17-32	334,314	204	189	216	213	213	203	2734	337,048	—	—	62	24756	297823	905-	
MCA UNIT	108	A	30-17-32	259,412	307	285	324	319	319	305	3694	263,116	204	5.2	204	39195	214,591	10,610	
MCA UNIT	109	D	29-17-32	335,478	338	309	277	331	297	273	720	336,198	—	—	62	6981	329,448	9696	
MCA UNIT	110	C	29-17-32	312,585	149	124	99	164	173	151	1556	314,141	29	1.1	29	18062	302,147	11,608	
MCA UNIT	111	B	29-17-32	260,177	100	83	24	—	—	—	207	260,384	—	—	—	2568	249,711	12,406	
MCA UNIT	112	A	29-17-32	338,375	3165	2196	3944	3843	3884	2831	34937	423,512	21191	43.8	29997	6208	483,681	178	
MCA UNIT	114	D	28-17-32	385,302	249	684	640	603	691	430	6929	392,131	2428	25.9	11089	5506	641,933	795	
MCA UNIT	115	C	28-17-32	344,436	1943	2282	2739	3458	4172	3917	35549	379,985	185	0.5	396	11828	666,874	333	
MCA UNIT	117	B	28-17-32	336,468	1894	1702	1741	1867	3194	2603	27544	364,012	628	2.2	1576	30713	817,240	1115	
MCA UNIT	118	A	28-17-32	293,239	615	862	838	814	725	874	10410	302,649	—	—	—	40135	1066839	3855	
MCA UNIT	119	D	27-17-32	341,932	821	786	922	1137	953	1061	19976	361,908	—	—	—	82,332	832,669	4122	
MCA UNIT	120	C	27-17-32	276,879	400	340	376	341	365	378	3837	280,716	—	—	—	1384	13355	417,644	3481
MCA UNIT	121	J	22-17-32	162,986	307	261	289	281	290	291	3183	166,169	—	—	60	16445	309,733	5173	
MCA UNIT	122	A	27-17-32	286,754	234	237	246	261	239	257	4070	290,824	—	—	—	12437	527608	3056	
MCA UNIT	123	D	26-17-32	135,969	158	134	167	151	156	116	1440	137,409	52	3.5	168	19815	582423	13,760	
MCA UNIT	124	C	26-17-32	84,699	139	133	97	72	68	59	629	85,328	—	—	—	1815	256,110	2886	

Company, Lease & Well No.	N I T S.T.28.	Cumulative 1-1-57	Oil Production										Water Production			Gas Production - MCF		
			Jan/ July	Feb/ Aug.	Mar/ Sept.	Apr/ Oct.	May/ Nov.	June/ Dec.	12 Mo. Total	Cumulative to 1-1-68	12 Mo. Prod. Bbls.	% Wtr. Prod.	Cum. to 1-1-68	12 Mo. Volume	Cum. to 1-1-68	12 Mo. Avg. Ratio		
MCA UNIT 125 B	26-17-32	149,216	210	205	222	201	208	156	1346	150,562	—	—	—	5907	165753	4389		
MCA UNIT 126 A	26-17-32	83,536	—	—	—	—	—	—	—	83,536	—	—	274	—	20856	—		
MCA UNIT 27 D	25-17-32	142,920	79	77	84	75	78	58	1106	143,826	106	8.7	109	2261	53,543	19,94		
MCA UNIT 128 F	25-17-32	28,279	—	—	—	—	—	—	—	28,279	—	—	—	—	40,249	—		
MCA UNIT 129 C	25-17-32	143,989	131	45	945	1006	805	603	8030	152,019	3571	30.8	3571	18035	428421	2246		
MCA UNIT 130 G	25-17-32	28,140	—	—	—	—	—	—	—	28,140	—	—	—	—	176,903	—		
MCA UNIT 131 B	25-17-32	119,332	—	—	—	—	—	—	—	119,332	—	—	24	—	130,729	—		
MCA UNIT 132 A	25-17-32	124,232	184	180	194	176	182	126	3725	127,957	22	0.6	1770	5838	218,029	1567		
MCA UNIT 133 D	30-17-32	144,884	262	256	278	252	259	195	4548	149,432	104	2.2	170	24747	625623	5441		
MCA UNIT 134 C	30-17-32	61,549	—	—	—	—	—	—	—	61,549	—	—	309	—	392,230	—		
MCA UNIT 135 F	30-17-32	66,774	—	—	—	—	—	—	—	66,774	—	—	1684	—	348,590	—		
MCA UNIT 136 E	30-17-32	144,273	237	77	83	176	182	39	2913	147,186	244	7.7	17981	4190	339,069	1438		
MCA UNIT 137 H	25-17-32	194,714	552	124	639	629	910	836	7246	201,960	1087	13.0	7547	1738	305719	240		
MCA UNIT 138 G	25-17-32	226,068	630	642	806	629	1247	1537	10408	236,476	52	0.5	52	2563	399156	246		
MCA UNIT 139 F	25-17-32	231,107	157	154	167	151	156	117	1794	232,901	—	—	330	19217	298522	10,712		
MCA UNIT 140 E	25-17-32	198,806	132	129	137	126	120	98	1396	200,202	235	14.4	204	35339	489,613	25,314		
MCA UNIT 141 H	26-17-32	176,293	604	590	639	579	598	447	6368	182,661	—	—	—	23852	210,461	3746		

				Oil Production						Water Production			Gas Production - MCF				
Company	Well No.	S.I. Est.	Co 1-1-67	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Co 1-1-68	Bbls.	Prod.	1-1-68 Cum.	Volume	1-1-68 Cum.	12 Mo. Ratio
MCA UNIT	142 G	26-17-32	114,607	236	231	210	227	233	175	3097	117,704	—	—	1654	14918	178,498	4817
				333	347	304	288	272	206								
MCA UNIT	143 F	26-17-32	179,730	236	232	250	226	234	175								
				117	187	180	168	168	77	2078	101,828	—	—	—	0127	153,731	4226
MCA UNIT	144 E	26-17-32	46,640	—	—	—	—	—	—	—	46,640	—	—	—	—	81,129	—
				—	—	—	—	—	—								
MCA UNIT	145 H	22-17-32	190,789	492	418	462	419	464	166	5565	196,354	228	3.9	402	9008	275,764	1619
				304	333	430	436	414	430								
MCA UNIT	146 G	27-17-32	378,376	769	654	723	702	725	728								
				1143	1179	841	913	867	833	10257	388,633	—	—	—	20127	414,759	1982
MCA UNIT	147 F	27-17-32	293,906	676	575	636	618	638	641	8031	301,937	6618	45.2	12362	22133	648,064	2756
				821	847	688	632	594	642								
MCA UNIT	148 E	27-17-32	31,225	—	—	—	—	—	—	—	31,225	—	—	—	—	42,923	—
				—	—	—	—	—	—								
MCA UNIT	149 E	27-17-32	227,183	553	784	925	1096	1045	932								
				467	1038	891	148	1087	600	10586	437,769	31	0.3	31	25914	659,643	2448
MCA UNIT	150 H	28-17-32	297,840	—	—	—	—	—	—	—	297,840	—	—	—	—	610,391	—
				—	—	—	—	—	—								
MCA UNIT	151 G	28-17-32	372,636	2466	2490	2220	2603	3050	5939	40131	412,767	109	0.3	221	42392	719,049	1056
				3327	3383	3169	3867	3676	3347								
MCA UNIT	152 F	28-17-32	390,003	41037	3362	3226	3376	3568	2805	43267	433,270	521	1.2	604	29696	761,700	686
				3987	3920	3826	3807	3246	4107								
MCA UNIT	153 E	28-17-32	231,162	1769	1826	2560	2744	2043	1213	23556	254,718	166	0.8	529	7297	620,746	310
				1318	2144	1897	2133	1978	1909								
MCA UNIT	154 H	29-17-32	309,889	125	42	16	—	—	—	183	310,022	—	—	186	3588	321,134	19714
				—	—	—	—	—	—								
MCA UNIT	155 G	29-17-32	283,865	299	249	288	329	323	303	2904	286,769	—	—	—	15811	215,992	5445
				214	214	144	177	174	190								
MCA UNIT	157 F	29-17-32	289,580	99	77	43	—	—	—	219	289,799	—	—	—	730	189,136	3333
				—	—	—	—	—	—								
MCA UNIT	158 E	29-17-32	199,353	349	270	335	384	351	331	4530	203,983	—	—	—	71590	432,644	16,024
				488	321	318	443	363	377								
MCA UNIT	159 H	30-17-32	253,276	137	127	144	142	143	136	1577	254,853	133	7.8	163	22381	292,709	14,152
				181	172	92	110	99	95								
MCA UNIT	160 G	30-17-32	295,574	272	253	288	284	284	271	3335	298,909	—	—	352	25629	288,390	7685
				327	310	246	284	264	252								

				Oil Production					Water Production				Gas Production - MCF			
Well No.	N. E. Sec.	to 1-1-67	July	Aug.	Sept.	Oct.	Nov.	Dec.	12 Mo. Total	Cumulative to 1-1-68	12 Mo. Prod. Bbls.	W. % Prod.	Cum. to 1-1-68	12 Mo. Volume	Cum. to 1-1-68	Avg. Ratio
MCA UNIT 162	F 30-17-32	207,608	341	316	361	330	355	339	4285	211,893	—	—	522	39019	299,686	9106
			300	329	338	404	363	339								
MCA UNIT 163	E 30-17-32	224,531	477	443	504	496	497	474	4927	224,460	—	—	1345	17241	199,941	3498
			362	345	307	366	331	326								
MCA UNIT 164	T 30-17-32	182,278	613	568	648	595	639	610	6684	188,962	—	—	4180	17277	153,887	2585
			343	329	322	623	361	254								
MCA UNIT 165	K 30-17-32	135,073	69	23	72	66	71	67	1325	136,398	70	5.0	742	23567	201,671	17,786
			219	236	123	147	132	130								
MCA UNIT 166	J 30-17-32	188,760	340	316	360	331	355	328	3913	192,673	2091	34.8	7822	17662	274,026	41514
			353	344	277	220	229	253								
MCA UNIT 167	I 30-17-32	168,839	204	189	216	213	214	197	3363	172,202	970	22.4	4978	11217	126,883	3335
			211	206	369	440	462	442								
MCA UNIT 169	L 29-17-32	227,210	424	353	196	—	—	—	973	228,183	—	—	4114	4634	226,815	4763
			—	—	—	—	—	—								
MCA UNIT 170	F 29-17-32	262,994	299	249	368	330	345	303	1164	267,158	—	—	7081	96855	193,880	23,260
			337	334	1104	113	166	423								
MCA UNIT 171	J 29-17-32	284,811	473	374	235	—	—	—	1102	285,913	—	—	321	7360	319,696	6679
			—	—	—	—	—	—								
MCA UNIT 172	O 29-17-32	131,761	—	—	—	—	—	—	136,761	—	—	—	488	—	157,830	—
			—	—	—	—	—	—								
MCA UNIT 173	I 29-17-32	176,905	125	63	77	83	115	153	1066	177,971	—	—	274	19268	211,847	18,025
			184	133	29	29	29	27								
MCA UNIT 175	L 28-17-32	307,672	—	—	—	—	—	—	—	307,672	—	—	10720	—	610,576	—
			—	—	—	—	—	—								
MCA UNIT 176	K 28-17-32	267,407	277	235	260	225	533	554	16778	274,185	—	—	—	1142	536,059	168
			821	1028	1044	781	538	482								
MCA UNIT 178	J 28-17-32	315,721	—	—	—	—	—	—	—	315,721	—	—	921	—	584,180	—
			—	—	—	—	—	—								
MCA UNIT 179	L 28-17-32	359,654	984	967	780	365	812	640	—	315,721	—	—	921	—	584,180	—
			929	877	871	1008	846	1094	10173	369,827	494	4.6	6179	2437	384,183	240
MCA UNIT 180	L 27-17-32	301,399	1661	1359	1301	871	783	903	14701	316,100	—	—	137	75672	954,143	5147
			909	1420	1567	1024	1374	1470								
MCA UNIT 181	K 27-17-32	330,011	1045	887	963	956	787	662	11122	341,339	—	—	—	51281	787,169	4611
			968	998	891	944	867	932								
MCA UNIT 183	O 27-17-32	307,907	1691	1437	1590	1546	1596	1602	14693	222,600	127	0.9	127	75923	998,510	5169
			910	937	830	879	807	868								

Company, Lease	N	I	Date	Oil Production										Water Production			Gas Production -- MCF		
				Cumulative	1967/	1968/	1969/	1970/	1971/	1972/	12 Mo.	%	Cum.	12 Mo.	Cum.	12 Mo.	Ave.		
MCA UNIT	184	J	27-17-32	328,615	676	575	636	618	638	641	615	7128	335,743	—	—	—	37496	744088	5266
MCA UNIT	185	J	27-17-32	97,319	1875	1594	1763	1713	1770	1777	17309	114,628	—	—	—	—	72760	329678	4204
MCA UNIT	186	I	27-17-32	353,927	1783	1490	1548	1495	1600	1661	15806	369,733	—	—	—	—	63443	838570	4014
MCA UNIT	187	I	26-17-32	277,934	236	231	250	226	234	175	1765	279,699	—	—	—	—	19886	233,349	11,267
MCA UNIT	188	K	26-17-32	159,902	105	103	112	101	84	78	1646	161,548	—	—	—	2380	5050	43,352	3068
MCA UNIT	189	J	26-17-32	201,605	598	565	612	554	571	428	2668	201,273	1090	16.1	13822	16697	25721	2946	
MCA UNIT	190	L	25-17-32	225,759	603	591	639	578	578	448	7300	233,059	3467	32.2	44333	20692	326,509	2825	
MCA UNIT	191	K	25-17-32	67,689	158	154	169	151	156	117	1478	69,167	103	6.5	277	12214	287,008	8264	
MCA UNIT	192	K	25-17-32	201,017	131	124	129	126	139	96	1442	202,459	1299	47.4	24471	10980	463,656	7614	
MCA UNIT	193	J	25-17-32	32,039	—	—	—	—	—	—	—	32,039	—	—	—	—	43,143	—	
MCA UNIT	194	J	25-17-32	245,907	1129	1079	1441	930	805	584	8282	254,184	2036	19.7	16644	1329	514,143	160	
MCA UNIT	195	I	25-17-32	48,180	—	—	—	—	—	—	—	48,180	—	—	891	—	180,714	—	
MCA UNIT	196	I	25-17-32	349,606	2694	2208	2279	1685	1663	2176	22072	371,678	7846	26.2	26445	5981	414,316	271	
MCA UNIT	197	L	30-17-32	24,315	—	—	—	—	—	—	—	24,315	—	—	—	—	33,397	—	
MCA UNIT	198	L	30-17-32	258,935	236	334	362	252	312	272	4185	263,120	4097	47.3	34479	839	226315	200	
MCA UNIT	199	K	30-17-32	210,259	497	488	528	478	493	369	7487	217,746	—	—	3870	2504	291,514	334	
MCA UNIT	200	P	25-17-32	37,309	—	—	—	—	—	—	—	37,309	—	—	—	—	32,043	—	
MCA UNIT	201	N	23-17-32	164,029	315	308	268	201	242	219	3717	167,746	145	3.8	324	14282	110,569	3842	

Company, Lease	U N	I	Cumulative	Oil Production						12 Mo. Prod.	Water Production		Gas Production -- MCF					
				2067	2068	2069	2070	2071	2072		12 Mo. Prod.	Wtr.	12 Mo. Prod.	to	to			
MCA UNIT	202	M	26-17-32	293,104	526	514	556	504	520	589	5396	298,500	820	13.2	2868	17386	82,832	32222
MCA UNIT	203	P	27-17-32	248,657	—	—	—	—	—	—	—	248,657	—	—	—	—	385,320	—
MCA UNIT	204	C	27-17-32	27,901	—	—	—	—	—	—	—	27,901	—	—	—	—	25,116	—
MCA UNIT	205	N	27-17-32	325,752	308	261	289	282	291	291	3309	329,072	—	—	60	7718	479,231	23220
MCA UNIT	206	M	27-17-32	322,584	307	261	289	281	232	292	3668	326,252	—	—	—	7454	480,339	20320
MCA UNIT	207	F	28-17-32	318,597	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MCA UNIT	209	N	28-17-32	265,253	—	—	—	—	—	—	—	265,253	—	—	—	—	371,734	—
MCA UNIT	210	M	28-17-32	285,426	1353	1438	1648	1686	1596	1922	23317	308,743	119	0.5	119	10026	394,560	4306
MCA UNIT	211	F	29-17-32	293,219	747	623	422	—	—	—	1792	295,071	—	—	452	6004	369,895	3350
MCA UNIT	213	N	29-17-32	184,263	100	0	0	0	0	—	100	184,363	—	—	5020	1956	270,304	19,560
MCA UNIT	214	M	29-17-32	151,948	224	187	231	248	260	228	2771	154,719	829	23.0	7206	12511	701,869	4575
MCA UNIT	215	P	30-17-32	64,014	171	158	180	178	177	164	2037	66,051	206	9.2	6168	2592	69,016	1272
MCA UNIT	216	O	30-17-32	97,899	409	379	432	435	437	363	4158	102,057	204	4.7	5561	15821	140,243	3805
MCA UNIT	217	N	30-17-32	160,359	68	64	72	71	72	62	776	161,135	—	—	2085	5300	145,860	6829
MCA UNIT	218	M	30-17-32	93,615	170	158	180	177	86	164	1737	95,352	—	—	1163	3949	103,651	2273
MCA UNIT	219	C	21-17-32	25,300	—	—	—	—	—	—	—	25,300	—	—	12433	—	42,336	—
MCA UNIT	220	D	33-17-32	162,895	—	—	—	—	—	—	—	162,895	—	—	—	—	180,608	—
MCA UNIT	221	C	33-17-32	160,425	400	392	289	337	290	495	6203	166,628	—	—	3299	5474	471,804	882
MCA Unit	208	O	28-17-32	158,817	523	758	376	225	434	353	5118	163,935	—	—	285	7732	532,582	1511

Company, Index	N	Cumulative	Oil Production												Water Production			Gas Production - MCF		
			Jan/	Feb/	Mar/	Apr/	May/	June/	July/	Aug/	Sept/	Oct/	12 Mo.	Cumulative	12 Mo.	%	Cum.	12 Mo.	Cum.	12 Mo.
MCA UNIT	223	E	33-17-32	188,209	461	261	595	871	135	524	5296	193,505	—	—	3751	14189	478413	2679		
				557	484	0	227	299	322											
MCA UNIT	224	A	33-17-32	181,238	93	105	116	140	174	186	1373	182,611	—	—	1504	2812	44328	2048		
				609	0	0	0	0	0	0										
MCA UNIT	226	D	34-17-32	173,457	153	131	144	140	145	145	1847	175,304	—	—	3393	17257	931216	9343		
				147	151	154	163	180	194											
MCA UNIT	227	C	34-17-32	138,305	443	419	465	449	464	466	4257	142,562	—	—	5262	34071	316970	8004		
				243	302	246	228	209	285											
MCA UNIT	228	F	34-17-32	94,449	92	78	87	95	87	88	1649	96,098	—	—	2346	7996	191147	4849		
				557	575	0	0	0	0	0										
MCA UNIT	229	E	34-17-32	187,094	31	26	0	0	27	29	914	188,008	—	—	56405	1453	214648	1590		
				324	393	0	0	30	32											
MCA UNIT	230	G	33-17-32	203,022	246	209	231	224	232	233	2886	205,908	—	—	4890	131	363778	45		
				334	242	184	293	269	289											
MCA UNIT	231	G	33-17-32	32,895	—	—	—	—	—	—	—	32,895	—	—	—	—	—	—	—	
MCA UNIT	232	F	33-17-32	119,382	246	209	231	224	232	233	2885	172,267	30	1.0	3979	3300	459112	1144		
				365	272	215	260	233	259											
MCA UNIT	233	E	33-17-32	137,205	—	—	—	—	—	—	—	137,205	—	—	—	—	—	—	—	
MCA UNIT	234	N	21-17-32	93,477	4685	5478	4609	4747	4661	3889	48379	141,856	21404	30.7	34770	21527	333956	445		
				4570	3797	3956	3981	2736	2270											
MCA UNIT	235	F	28-17-32	3,495	—	—	—	—	—	—	—	3,495	—	—	—	—	—	—	—	

TOTAL-MCA UNIT

42,610,942

106204

97711

106928

99673

106920

102449

104550

106302

104742

110613

107999

113653

1,267155

43,878,577

160,396

1162

836,468

3,375,675

85,454,232

2665

Company		Oil Production												Water Production			Gas Production - MCF		
Lease & Well No.	Tract S. 1/4, R. 4.	to 1-1-57	JULY	AUG.	Sept.	Oct.	NOV.	Dec.	Total	to 1-1-56	Bois.	Prod.	1-1-56	Volume	1-1-57	Ratio			
Baish "A" 2 E	22-19-32	106,933	—	—	—	—	—	—	—	106,933	—	—	—	—	130,025	—			
Mitchell "B" 1 P	17-17-32	14,942	QTA	1950					—	14,942	—	—	—	—	—	—			
Miller "A" 7 M	23-1732	84,248	QTA	1957					—	84,248	—	—	—	—	—	—			
Miller "B" 5 H	23-17-32	51,813	QTA	1957					—	51,813	—	—	—	—	—	—			
Pearsall "A" 7 G	33-17-32	22,715	QTA	1945					—	22,715	—	—	—	—	—	—			
Miller "A" 3 M	26-17-32	12,570	QTA	1948					—	12,570	—	—	—	—	—	—			
TOTAL PARTICIPATING		42,904,063	106,214	97711	106,929	99673	106,920	102,449	1,217,755	44,171,818	160,396	11.2	836,468	3,375,675	85,514,359				
NON-PARTICIPATING WELLS			104550	106,302	104742	110613	107999	113653											
Baish "B" 3 F	22-17-32	37,764	180	530	491	181	194	174	2643	40,407	—	—	—	183	57125	69			
			134	153	135	843	185	183											
4 A	22-17-32	6,645	—	—	—	—	—	—	—	6,645	—	—	—	—	9,985	—			
			180	390	491	181	194	174	2643	47,052	—	—	—	183	67110	69			
		44,409	134	153	135	243	185	183											
LEASE TOTAL			19	0	92	759	728	537											
Miller B 1 A	23-17-32	20,490	492	865	1479	1685	1106	1065	8767	29257	162	1.8	273	5368	45305	612			
			19	0	92	759	728	537											
		20,490	492	865	1479	1685	1106	1065	8767	29257	162	1.8	273	5368	45305	612			
			19	0	92	759	728	537											
LEASE TOTAL			492	865	1479	1685	1106	1065											
Miller Bx 1 P	14-17-32	24,339	38	50	70	39	49	42	1384	25723	2922	67.9	3768	3614	86,791	2611			
			37	198	200	379	182	805											
2 I	14-17-32	34,356	151	303	282	154	147	171	2777	37133	3548	56.1	4220	10741	83013	2427			
			152	75	75	104	578	465											
3 H	14-17-32	23,479	94	137	176	97	105	107	2136	25615	4650	68.5	5490	4617	51,910	2162			
			94	199	200	379	300	358											
4 A	14-17-32	8,266	56	0	0	0	0	0	455	6121	243	31.0	213	198	76,831	435			
			0	74	12	104	21	77											
5 O	14-17-32	20,237	63	101	140	78	83	86	1026	21,263	3846	78.9	4514	2737	29,378	2668			
			76	74	75	104	69	77											
6 J	14-17-32	3,171	—	—	0	0	—	—	—	3,171	—	—	—	—	19,011	—			
			—	—	—	—	—	—											

Company Lease	U M I	Date	Oil Production										Water Production			Gas Production - MCF		
			12 Mo. Prod	% WTR	Cum. CO	12 Mo. Prod	% WTR	Cum. CO	12 Mo. Prod	% WTR	Cum. CO	12 Mo. Prod	% WTR	Cum. CO				
Miller BX	7	G 14-17-32	16,071	113	152	211	117	125	138	2369	18,440	4087	63.3	5104	3538	48,850	1493	
LEASE TOTAL			113	223	227	313	244	383										
			513	633	874	485	522	534										
Mitchell H	1	B 18-17-32	12,856	472	543	852	1183	1464	1765	10147	149,066	19296	65.5	23389	21445	386,784	2113	
LEASE TOTAL			28	57	59	83	89	37	37									
			88	85	89	80	86	86										
3	C 17-17-32		14,739	88	85	89	27	89	81	1020	15,959	—	—	293	4845	73,638	4750	
LEASE TOTAL			35	71	80	86	85	86										
			—	—	—	—	—	—										
4	H 18-17-32		11,606	—	—	—	—	—	—	—	11,606	—	—	14,516	—	58,551	—	
LEASE TOTAL			—	—	—	—	—	—	—									
			—	—	—	—	—	—										
5	J 18-17-32		11,382	—	—	—	—	—	—	—	11,382	—	—	15,394	—	41,376	—	
LEASE TOTAL			—	—	—	—	—	—	—									
			—	—	—	—	—	—										
6	L 18-17-32		339	—	—	—	—	—	—	—	339	—	—	—	—	—	—	
LEASE TOTAL			—	—	—	—	—	—	—									
			—	—	—	—	—	—										
7	L 17-17-32		33,145	177	169	178	44	178	161	1902	35,047	1137	37.4	18,346	7953	95,722	4181	
LEASE TOTAL			169	128	134	144	144	144										
			—	—	—	—	—	—										
8	T 17-17-32		10,425	—	—	—	—	—	—	—	10,425	—	—	320	—	30,412	—	
LEASE TOTAL			—	—	—	—	—	—	—									
			—	—	—	—	—	—										
9	O 17-17-32		24,181	235	211	237	224	229	215	2522	26,703	11148	37.6	127,900	10143	82,575	41022	
LEASE TOTAL			219	179	187	206	199	181										
			—	—	—	—	—	—										
10	O 17-17-32		5,110	—	—	—	—	—	—	—	5,110	—	—	—	—	—	—	
LEASE TOTAL			—	—	—	—	—	—	—									
			—	—	—	—	—	—										
12	P 18-17-32		6,256	59	56	59	57	59	53	677	6,933	—	—	—	15305	233,714	22,607	
LEASE TOTAL			56	51	54	59	57	57										
			—	—	—	—	—	—										
13	N 18-17-32		9,210	89	85	89	87	89	88	1159	10,369	—	—	3509	8224	21,876	7096	
LEASE TOTAL			84	102	107	118	111	115										
			—	—	—	—	—	—										
19	K 17-17-32		4,193	59	57	60	58	60	54	545	4,738	741	57.6	7537	2027	15,061	3719	
LEASE TOTAL			57	36	37	39	39	39										
			266	730	771	776	733	671										
Pearseil BX 1	A 34-17-32		10,979	393	606	696	765	741	727	8670	152,312	15508	64.1	231,732	54347	687,660	6268	
LEASE TOTAL			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
			—	—	—	—	—	—										

11/11

Company, Lease	N	16-17-32	Oil Production										Water Production			Gas Production - MCF			
			3 J	4 G	5 T	6 B	7 H	8 A	1 M	2 T	3 N	4 K	12 Mo.	%	Cum.	12 Mo.	Cum.	12 Mo.	Avg.
State B			33,253	136	101	104	109	78	65	1301	34,554	—	—	29	9020	170,707	6933		
				104	149	16	102	168	119										
				—	—	—	—	—	—	—	12,451	—	—	—	—	33,242	—		
				—	—	—	—	—	—	—	22,057	—	—	58	—	65,965	—		
				19	117	10	71	78	64	598	26,977	—	—	—	2332	60,247	390		
				13	21	107	143	31	22										
				81	35	36	28	19	17	776	40,617	48		48	2625	96,396	3383		
				81	60	30	40	67	406										
				126	101	102	109	79	64	431	11850	—	—	—	3149	45,566	3382		
				104	60	30	41	61	48										
				302	244	242	317	254	210	3606	142,506	48	—	135	17126	472,123	4774		
				250	296	243	326	333	595										
LEASE TOTAL			138,900	99	149	189	171	161	153	1768	25,006	—	—	—	3665	80,182	207		
Taylor			23,238	143	157	128	134	144	135										
				130	128	162	146	138	131	1359	25,474	—	—	31	2666	50,877	1710		
				122	135	109	115	127	115										
				196	150	189	172	162	153	1567	28,853	—	—	—	2885	42,851	1847		
				144	89	73	77	85	77										
				197	139	163	147	138	132	1630	28,491	—	—	—	3528	45,770	2164		
				134	134	129	115	127	115										
				622	556	703	636	599	569	6524	107,824	—	—	31	12754	219,680	1955		
				534	515	419	441	488	442										
LEASE TOTAL			101,300	2404	2543	3178	3094	3030	2695	6524	107,824	—	—	31	12754	219,680	1955		
TOTAL, NON-PARTICIPATING			589,629	2580	3332	3824	4583	4317	4777	40357	629,996	35014	46.5	249543	111223	1878,662	2756		
GRAND TOTALS			43,493,702	108618	100254	110107	102767	109950	105444										
				107130	109634	108566	115196	112316	119430	1,308,112	44,801,814	195,410	13.0	1,086,011	3,496,898	87,422,919	2666		

Id

18. Computer or Not? Answer by Yes/No/Not

**MCA UNIT
RECAP OF INJECTED VOLUMES, MCF
TO JANUARY, 1968**

LEASE	WELL	VOLUME INJECTED YEAR, 1967	CUMULATIVE INJECTED TO 1-1-68	DATUM PRESSURE
MCA UNIT	16	73,122	1,432,179	1090
	38	34,691	1,394,153	1100
	41	11,590	1,782,447	950
	44	0	1,156,216	765
	47	0	1,630,804	872
	58	30,638	1,630,765	1171
	61	142,209	2,511,706	714
	64	20,436	2,439,295	765
	78	27,884	888,886	848
	82	131,280	1,092,799	920
	86	124,992	2,021,267	865
	89	45,644	2,423,739	673
	96	1,607	1,905,986	776
	99	78,777	1,597,770	676
	106	138,043	2,420,020	909
	113	0	1,986,008	0
	116	0	1,763,078	0
	128	109,752	1,461,428	930
	130	1,424	974,997	1096
	144	84,926	1,450,576	915
	148	81,118	1,859,066	862
	156	1,169	1,280,028	1186
	161	81,431	1,265,974	1061

Recap of Injected Volumes, MCF to January, 1968
Page 2

LEASE	WELL	VOLUME INJECTED YEAR 1967	CUMULATIVE INJECTED TO 1-1-68	DATUM PRESSURE
MCA UNIT	168	20,820	1,162,220	943
	174	40,952	2,528,055	886
	177	0	1,640,583	0
	182	81,842	1,662,975	900
	193	1048	1,180,377	842
	204	100,278	2,044,461	759
	212	960	860,077	1239
	222	10,030	903,951	1070
	225	14,210	1,472,951	832
TOTALS		1,490,473	51,824,837	

Wmoe
Hobbs

Unit File Case 2718



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

P. O. BOX 2088 - SANTA FE

87501

GOVERNOR
DAVID F. CARGO
CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

March 11, 1969

6-115

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 gas injection wells listed below to producing wells:

<u>Well No.</u>	<u>Location</u>
44	2615' FNL 2615' FWL, Section 21,
177	2600' FSL 2470' FEL, Section 28,
14	40' FSL 40' FEL, Section 17,
16	660' FSL 660' FWL, Section 17,
38	2555' FNL 2615' FWL, Section 22,
41	2530' FNL 215' FEL, Section 21,
58	2610' FSL 2640' FEL, Section 19,
61	2615' FSL 25' FWL, Section 20,
86	25' FSL 2615' FWL, Section 22,
89	25' FSL 50' FWL, Section 22,
96	25' FSL 2590' FWL, Section 20,
99	25' FSL 25' FEL, Section 19,
106	50' FNL 2635' FWL, Section 30,
128	1345' FNL 1345' FWL, Section 25,
130	1345' FNL 2615' FEL, Section 25,
144	1980' FNL 660' FWL, Section 26,
148	1980' FNL 660' FWL, Section 27,

Continental Oil Company

March 10, 1969

-2-

156	2550' FNL	2595' FWL,	Section 29,
161	2615' FSL	2615' FEL,	Section 30,
168	2615' FSL	140' FEL,	Section 30,
174	2590' FSL	25' FWL,	Section 28,
182	2615' FSL	2570' FEL,	Section 27,
193	2615' FSL	2615' FEL,	Section 25,
204	660' FSL	1980' FEL,	Section 27,
222	50' FNL	2500' FEL,	Section 33,
225	25' FNL	25' FWL,	Section 34,

All in Township 17 South, Range 32 East.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og



CONTINENTAL OIL COMPANY

69 MAR 3 AM 8 31

P. O. Box 460
Hobbs, New Mexico
February 27, 1969

MCA Unit
Case # 2718

✓
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.,
Secretary-Director

Re: MCA Unit - Conversion of Gas
Injection Wells to Production

Gentlemen:

Gas injection into the Maljamar-Grayburg-San Andres reservoir was authorized by Order No. 485 dated November 14, 1942. This order listed several wells which were to be used for gas injection purposes. Section V of said order authorized additional wells by the following language:

"The selection of other in-put wells within the area committed and further area to be committed within the cooperative area described in Section II of the order herein, shall be submitted to the Commission for its consideration of approval administratively without further notice or formal hearing thereupon."

Pursuant to this order, a considerable number of gas injection wells were drilled and used for gas injection purposes.

Order No. R-2403 approved the MCA Unit and, in paragraph (2) of the second section, authorized the MCA Unit to change the status of wells from injection to production, etc., "within the boundaries of the Maljamar Cooperative Agreement area upon administrative approval of the secretary-director of the Commission without notice or hearing;"

Heretofore, the following wells have been converted from gas injection to production and such conversions were approved by your Hobbs office upon filing of forms C-104:

<u>Well No.</u>	<u>Location</u>
44	2615 ⁰ FNL 2615 ⁰ FWL, Section 21, T17S, R32E
177	2600 ⁰ FSL 2470 ⁰ FEL, Section 28, T17S, R32E

Well No. 64, located 2615⁰ FNL and 2610⁰ FWL of Section 20, T17S, R32E, was recently converted from gas injection to production, but the Hobbs office declined to approve the C-104 because of the unorthodox location. It is contemplated that additional wells, which were formerly gas injection wells at both standard and unorthodox locations, will be converted to production in the future. These wells are listed below:

<u>Well No.</u>	<u>Location</u>
14	40 ⁰ FSL 40 ⁰ FEL Section 17, T17S, R32E
16	660 ⁰ FSL 660 ⁰ FWL Section 17, T17S, R32E
38	2555 ⁰ FNL 2615 ⁰ FWL Section 22, T17S, R32E
41	2530 ⁰ FNL 215 ⁰ FEL Section 21, T17S, R32E
58	2610 ⁰ FSL 2640 ⁰ FEL Section 19, T17S, R32E
61	2615 ⁰ FSL 25 ⁰ FWL Section 20, T17S, R32E
86	25 ⁰ FSL 2615 ⁰ FWL Section 22, T17S, R32E
89	25 ⁰ FSL 50 ⁰ FWL Section 22, T17S, R32E
96	25 ⁰ FSL 2590 ⁰ FWL Section 20, T17S, R32E
99	25 ⁰ FSL 25 ⁰ FEL Section 19, T17S, R32E
106	50 ⁰ FNL 2635 ⁰ FWL Section 30, T17S, R32E
128	1345 ⁰ FNL 1345 ⁰ FWL, Section 25, T17S, R32E
130	1345 ⁰ FNL 2615 ⁰ FEL, Section 25, T17S, R32E
144	1980 ⁰ FNL 660 ⁰ FWL Section 26, T17S, R32E
148	1980 ⁰ FNL 660 ⁰ FWL, Section 27, T17S, R32E
156	2550 ⁰ FNL 2595 ⁰ FWL, Section 29, T17S, R32E
161	2615 ⁰ FSL 2615 ⁰ FEL, Section 30, T17S, R32E
168	2615 ⁰ FSL 140 ⁰ FEL, Section 30, T17S, R32E
174	2590 ⁰ FSL 25 ⁰ FWL, Section 28, T17S, R32E
182	2615 ⁰ FSL 2570 ⁰ FEL Section 27, T17S, R32E
193	2615 ⁰ FSL 2615 ⁰ FEL, Section 25, T17S, R32E
204	660 ⁰ FSL 1980 ⁰ FEL, Section 27, T17S, R32E
222	50 ⁰ FNL 2500 ⁰ FEL Section 33, T17S, R32E
225	25 ⁰ FNL 25 ⁰ FWL, Section 34, T17S, R32E

It has occurred to us that we may have been remiss in not making application to the Santa Fe office for approval of wells which have been converted from gas injection to production. The attached plat shows the location of these wells and it also shows that all the wells except nos. 16 and 204 are located well within the boundary of the MCA Participating

Area. These two exceptions are offset by Continental leases. Since no offset operators are involved, there should be no reason to delay approval for the 20-day waiting period which would apply in the event that offset operators were involved.

It is respectfully requested that formal approval be given to those wells which have already been converted from gas injection to production. It is further respectfully requested that approval be given to convert the other former gas injection wells, listed above, to production at such time as circumstances, at the discretion of the operator, justify such conversion.

Yours very truly,



VTL-JS

Copies to RLA JJB JWK
Working Interest Owners
(per attached list)

NMOCC-Hobbs
USGS-Roswell
USGS-Hobbs