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State of New Mexico
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87504

12/24/03
C: 2 21/8

RE: Maljamar Cooperative Agreement
I-SEC. No. 341, Serial No. NMNM-070987X
2015 Plan of Development
Lea County, New Mexico
ConocoPhillips Contract 101641

ConocoPhillips Company, as Unit Operator of the Maljamar Cooperative Agreement Unit, hereby submits for your approval, our 2015 Plan of Development.

Items are included as follows: Planned 2015 operations; previous year operations; current status of all wells within the unit; production graphs for each productive reservoir. Also attached are three current maps, each showing respectively the units: structural and geologic interpretations; participating area boundaries; wells, flow-lines, and roads.

It is understood that approval of this plan does not approve the work covered by the plan. Individual approval is still required for such items as APDs/ROWS/etc.

Any modifications or additions to this Plan of Development will be filed as supplements to the plan.

Sincerely,

Ashley E. Manning-Dyke
Landman

2015 Planned Operations:

Permitting/Drilling

#	Well Name	Well #	Section	Pad	Formation Code	Type
1	MCA	583	29	A	453GBSA	Producer
2	MCA	580	29	A	453GBSA	Producer
3	MCA	564	29	A	453GBSA	Injector
4	MCA	581	29	B	453GBSA	Injector
5	MCA	558	29	B	453GBSA	Producer
6	MCA	500	29	B	453GBSA	Injector
7	MCA	496	29	B	453GBSA	Injector
8	MCA	565	29	C	453GBSA	Injector
9	MCA	557	29	C	453GBSA	Producer
10	MCA	556	29	C	453GBSA	Producer
11	MCA	563	29	D	453GBSA	Injector
12	MCA	518	29	D	453GBSA	Injector
13	MCA	566	29	D	453GBSA	Producer
14	MCA	517	29	D	453GBSA	Injector
15	MCA	552	29	E	453GBSA	Injector
16	MCA	555	29	E	453GBSA	Injector
17	MCA	554	29	E	453GBSA	Producer
18	MCA	584	29	F	453GBSA	Producer
19	MCA	516	29	F	453GBSA	Producer
20	MCA	435	29	G	453GBSA	Producer
21	MCA	498	29	G	453GBSA	Injector
22	MCA	434	29	G	453GBSA	Producer
23	MCA	522	29	H	453GBSA	Injector
24	MCA	521	29	H	453GBSA	Producer
25	MCA	520	29	H	453GBSA	Producer
26	MCA	586	29	H	453GBSA	Injector
27	MCA	515	29	I	453GBSA	Injector
28	MCA	495	29	I	453GBSA	Producer
29	MCA	526	29	I	453GBSA	Producer
30	MCA	527	29	I	453GBSA	Injector
31	MCA	524	29	J	453GBSA	Injector
32	MCA	493	29	J	453GBSA	Producer
33	MCA	454	27	N/A	453GBSA	Producer
34	MCA	531	27	N/A	453GBSA	Producer
35	MCA	532	27	N/A	453GBSA	Injector
36	MCA	533	27	N/A	453GBSA	Injector
37	MCA	455	27	N/A	453GBSA	Producer
38	MCA	495	28	N/A	453GBSA	Producer
39	MCA	550	28	N/A	453GBSA	Producer

40	MCA	553	28	N/A	453GBSA	Producer
41	MCA	559	28	N/A	453GBSA	Injector
42	MCA	561	28	N/A	453GBSA	Injector
43	MCA	567	28	N/A	453GBSA	Producer
44	MCA	568	28	N/A	453GBSA	Producer
45	MCA	569	28	N/A	453GBSA	Injector

Completions

WELL NAME	WELL NO.	API	TWN	RNG	SEC	UL	PA Y/N	FORMATION CODE	PRODUCTION STATUS
MCA UNIT	325	3002524236	17S	32E	22	I	Y	453GBSA	Pumping
MCA UNIT	274	3002523731	17S	32E	28	A	Y	453GBSA	Shut-in
MCA UNIT	351	3002524547	17S	32E	26	H	Y	453GBSA	Shut-In
MCA UNIT	329	3002524275	17S	32E	27	J	Y	453GBSA	Shut-In
MCA UNIT	335	3002524369	17S	32E	27	H	Y	453GBSA	Shut-in
MCA UNIT	347	3002524515	17S	32E	27	A	Y	453GBSA	Pumping
MCA UNIT	341	3002524462	17S	32E	22	P	Y	453GBSA	Pumping
MCA UNIT	83	3002500649	17S	32E	23	M	Y	453GBSA	Pumping
MCA UNIT	284	3002523744	17S	32E	28	E	Y	453GBSA	Pumping
MCA UNIT	398	3002538971	17S	32E	25	F	Y	453GBSA	Pumping
MCA UNIT	319	3002524213	17S	32E	29	G	Y	453GBSA	Pumping
MCA UNIT	324	3002524235	17S	32E	28	L	Y	453GBSA	Pumping

Plug Back

None

Conversion

WELL NAME	WELL NO.	API	TWN	RNG	SEC	UL	PA Y/N	FORMATION CODE	PRODUCTION STATUS
MCA UNIT	474	3002539320	17	32	27	I	Y	453GBSA	Pumping
MCA UNIT	465	3002539324	17	32	26	K	Y	453GBSA	Pumping
MCA UNIT	394	3002537931	17	32	28	D	Y	453GBSA	Pumping
MCA UNIT	393	3002537879	17	32	29	H	Y	453GBSA	Pumping

Abandonment

WELL NAME	WELL NO.	API	Completion Date	TWN	RNG	SEC	UL	PA Y/N	FORMATION CODE	PRODUCTION STATUS
MCA UNIT	492	300253943300	8/29/2009	17S	32E	33	G	Y	453GBSA	Pumping
MCA UNIT	490	300253932100	7/15/2009	17S	32E	33	B	Y	453GBSA	Shut-in
MCA UNIT	411	300253885600	11/2/2008	17S	32E	28	C	Y	453GBSA	Shut-In
MCA UNIT	391	300253885300	8/20/2008	17S	32E	25	H	Y	453GBSA	Shut-In
MCA UNIT	357	300250059600	4/28/1978	17S	32E	28	H	Y	453GBSA	Shut-in
MCA UNIT	274	300252373100	12/1/1988	17S	32E	28	A	Y	453GBSA	Pumping
MCA UNIT	269	300252370600	11/9/1987	17S	32E	20	P	Y	453GBSA	Pumping
MCA UNIT	267	300250059600	12/22/1970	17S	32E	17	M	Y	453GBSA	Pumping
MCA UNIT	252	300252348200	4/15/1988	17S	32E	28	D	Y	453GBSA	Pumping
MCA UNIT	235	300252049600	12/12/1988	17S	32E	28	F	Y	453GBSA	Pumping
MCA UNIT	212	300250076500	8/28/1941	17S	32E	29	O	Y	453GBSA	Shut-in
MCA UNIT	122	300250071600	9/13/1989	17S	32E	26	A	Y	453GBSA	Pumping
MCA UNIT	108	300250078300	7/22/1988	17S	32E	30	A	Y	453GBSA	Pumping
MCA UNIT	075	300251271100	5/11/1971	17S	32E	22	I	Y	453GBSA	Pumping
MCA UNIT	108	300250078300	7/22/1988	17S	32E	30	A	Y	453GBSA	Pumping
MCA UNIT	075	300251271100	5/11/1971	17S	32E	22	I	Y	453GBSA	Pumping
MCA UNIT	408	300253897700	1/19/2009	17s	32E			Y	453GBSA	Pumping
MCA UNIT	267	300250059600	9/29/1961	17S	32E			Y	453GBSA	Pumping
MCA UNIT	320	300252421400	8/6/1972	17S	32E			Y	453GBSA	Pumping

Other surface disturbing operations

- MCA Station 2 Injection Centralization
- MCA CO2 Injection Flowlines, Compression Installation
- Elvis to MCA Station 2 Injection Line Installation

Previous Year Operations (2014):

Drilling

None

Completions

None

Plug Back

None

Conversion

None

Abandonment

WELL NAME	WELL NO.	API	Completion Date	CURRENT ZONE	FORMATION CODE	PRODUCTION STATUS
MCA UNIT	171	3002500764	N/A	17S	453GBSA	P&A
MCA UNIT	183	3002500730	N/A	17S	453GBSA	P&A

Other surface disturbing operations

- MCA Station 2 Injection Centralization
- MCA CO2 Injection Flowlines, Compression Installation,

Carry-overs:

The following planned new drills are being carried over from ConocoPhillips 2014 Plan of Development within the MCA Unit.

MCA 422	T17S	R33E	30	810	FNL	1330	FWL	PRODUCER>INJ
MCA 423	T17S	R33E	30	660	FNL	10	FWL	PRODUCER
MCA 425	T17S	R33E	30	2205	FNL	10	FWL	PRODUCER>INJ
MCA 426	T17S	R33E	30	2080	FNL	1330	FWL	PRODUCER
MCA 436	T17S	R32E	25	1330	FNL	560	FWL	PRODUCER>INJ
MCA 437	T17S	R32E	25	1480	FNL	2005	FWL	PRODUCER
MCA 440	T17S	R32E	25	2040	FNL	10	FWL	PRODUCER>INJ
MCA 441	T17S	R32E	25	1880	FNL	1430	FWL	PRODUCER
MCA 450	T17S	R32E	34	810	FNL	2480	FWL	PRODUCER

The following planned reworks are being carried over from ConocoPhillips 2014 Plan of Development within the MCA Unit.

MCA 474	T17S	R32E	27	2100	FSL	1180	FEL	Convert to water injection
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Status of all Wells within the Unit:

WELL NAME	WELL NO.	API	Completion Date	TWN	RNG	SEC	UL	PA Y/N	FORMATION CODE	PRODUCTION STATUS
MCA UNIT	1	300250058700	4/20/1956	17	32	17	B	Y	453GBSA	P&A
MCA UNIT	2	300250060000	8/15/1944	17	32	17	C	Y	453GBSA	P&A
MCA UNIT	3	300250058200	12/22/1944	17	32	16	D	Y	453GBSA	P&A
MCA UNIT	4	300250058300	4/14/1945	17	32	16	C	Y	453GBSA	P&A
MCA UNIT	5	300250058000	8/15/1941	17	32	16	E	Y	453GBSA	PUMPING
MCA UNIT	6	300250059700	10/14/1941	17	32	17	H	Y	453GBSA	P&A
MCA UNIT	7	300250056800	9/18/1956	17	32	17	F	Y	453GBSA	P&A
MCA UNIT	8	300250059800	4/14/1945	17	32	17	I	Y	453GBSA	PUMPING
MCA UNIT	9	300250055800	5/3/1942	17	32	15	M	Y	453GBSA	P&A
MCA UNIT	10	300251274700	8/15/1973	17	32	16	P	Y	453GBSA	P&A
MCA UNIT	11	300250056700	2/14/1939	17	32	16	N	Y	453GBSA	P&A
MCA UNIT	12	300250057800	2/19/1941	17	32	16	N	Y	453GBSA	P&A
MCA UNIT	13	300250057900	5/12/1941	17	32	16	M	Y	453GBSA	P&A
MCA UNIT	14	300258502000	12/21/1946	17	32	17	P	Y	453GBSA	P&A
MCA UNIT	15	300250058600	9/23/1944	17	32	17	N	Y	453GBSA	P&A
MCA UNIT	16	300250058500	7/31/1943	17	32	17	M	Y	453GBSA	P&A
MCA UNIT	17	300250802700	9/8/1941	17	32	18	M	Y	453GBSA	P&A
MCA UNIT	18	300250803600	9/1/1938	17	32	19	D	Y	453GBSA	P&A
MCA UNIT	19	300250802800	10/9/1948	17	32	19	C	Y	453GBSA	PUMPING
MCA UNIT	20	300250802900	8/15/1946	17	32	19	B	Y	453GBSA	P&A
MCA UNIT	21	300250803000	10/1/1944	17	32	19	A	Y	453GBSA	PUMPING
MCA UNIT	22	300250805900	5/28/1943	17	32	20	D	Y	453GBSA	P&A
MCA UNIT	23	300250806000	6/23/1944	17	32	20	C	Y	453GBSA	P&A

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MCA UNIT	24	300250806100	9/1/1944	17	32	20	B	Y	453GBSA	P&A
MCA UNIT	25	300250805500	8/15/1938	17	32	20	A	Y	453GBSA	P&A
MCA UNIT	26	300250060700	7/12/1938	17	32	21	D	Y	453GBSA	P&A
MCA UNIT	27	300250060100	7/9/1930	17	32	21	C	Y	453GBSA	P&A
MCA UNIT	28	300251270700	11/14/1929	17	32	21	B	Y	453GBSA	P&A
MCA UNIT	29	300251274800	8/23/1926	17	32	21	A	Y	453GBSA	P&A
MCA UNIT	30	300250062400	9/24/1938	17	32	22	D	Y	453GBSA	P&A
MCA UNIT	31	300250065300	8/23/1941	17	32	23	D	Y	453GBSA	P&A
MCA UNIT	32	300250065200	12/30/1941	17	32	23	C	Y	453GBSA	P&A
MCA UNIT	33	300250065500	8/25/1944	17	32	23	G	Y	453GBSA	P&A
MCA UNIT	34	300250065800	1/15/1945	17	32	23	F	Y	453GBSA	P&A
MCA UNIT	35	300250065000	3/1/1941	17	32	23	E	Y	453GBSA	P&A
MCA UNIT	36	300250062900	4/27/1941	17	32	22	H	Y	453GBSA	P&A
MCA UNIT	37	300250063300	9/30/1944	17	32	22	G	Y	453GBSA	P&A
MCA UNIT	38	300251278000	9/28/1946	17	32	22	F	Y	453GBSA	P&A
MCA UNIT	39	300250063200	10/30/1944	17	32	22	F	Y	453GBSA	P&A
MCA UNIT	40	300250063500	7/22/1952	17	32	22	E	Y	453GBSA	P&A
MCA UNIT	41	300251279700	3/20/1952	17	32	21	H	Y	453GBSA	P&A
MCA UNIT	42	300250060200	1/28/1935	17	32	21	H	Y	453GBSA	P&A
MCA UNIT	43	300250060300	12/18/1935	17	32	21	G	Y	453GBSA	PUMPING
MCA UNIT	44	300251276300	11/19/1946	17	32	21	F	Y	453GBSA	PUMPING
MCA UNIT	45	300250060500	12/16/1936	17	32	21	F	Y	453GBSA	P&A
MCA UNIT	46	300250803100	2/1/1949	17	32	21	E	Y	453GBSA	PUMPING
MCA UNIT	47	300250060600	3/19/1937	17	32	21	E	Y	453GBSA	PUMPING
MCA UNIT	48	300250805400	8/11/1937	17	32	20	H	Y	453GBSA	P&A
MCA UNIT	49	300250805600	2/13/1939	17	32	20	G	Y	453GBSA	P&A
MCA UNIT	50	300250805700	11/7/1941	17	32	20	F	Y	453GBSA	P&A
MCA UNIT	51	300250805800	3/19/1942	17	32	20	E	Y	453GBSA	P&A
MCA UNIT	52	300250803700	5/25/1942	17	32	19	H	Y	453GBSA	P&A
MCA UNIT	53	300250803800	8/5/1942	17	32	19	G	Y	453GBSA	P&A
MCA UNIT	54	300250803900	11/14/1942	17	32	19	F	Y	453GBSA	P&A

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MCA UNIT	55	300250804000	4/21/1941	17	32	19	E	Y	453GBSA	P&A
MCA UNIT	56	300250804600	6/22/1941	17	32	19	L	Y	453GBSA	P&A
MCA UNIT	57	300250804400	9/21/1942	17	32	19	K	Y	453GBSA	P&A
MCA UNIT	58	300251277000	10/9/1946	17	32	19	J	Y	453GBSA	P&A
MCA UNIT	59	300250804200	7/19/1942	17	32	19	J	Y	453GBSA	P&A
MCA UNIT	60	300250803500	5/19/1942	17	32	19	I	Y	453GBSA	P&A
MCA UNIT	61	300251277100	2/14/1951	17	32	20	L	Y	453GBSA	P&A
MCA UNIT	62	300250806800	3/6/1942	17	32	20	L	Y	453GBSA	P&A
MCA UNIT	63	300250806600	11/10/1941	17	32	20	K	Y	453GBSA	P&A
MCA UNIT	64	300251277200	12/1/1948	17	32	20	K	Y	453GBSA	P&A
MCA UNIT	65	300250806400	12/15/1939	17	32	20	J	Y	453GBSA	P&A
MCA UNIT	66	300250806200	3/1/1939	17	32	20	I	Y	453GBSA	PUMPING
MCA UNIT	67	300250061000	4/23/1941	17	32	21	L	Y	453GBSA	INJECTION
MCA UNIT	68	300250061500	10/3/1949	17	32	21	K	Y	453GBSA	P&A
MCA UNIT	69	300250061100	9/27/1942	17	32	21	K	Y	453GBSA	PUMPING
MCA UNIT	70	300250060400	6/12/1936	17	32	21	J	Y	453GBSA	P&A
MCA UNIT	71	300250061200	6/29/1942	17	32	21	I	Y	453GBSA	PUMPING
MCA UNIT	72	300250063000	4/20/1942	17	32	22	L	Y	453GBSA	P&A
MCA UNIT	73	300250063100	6/1/1944	17	32	22	K	Y	453GBSA	PUMPING
MCA UNIT	74	300250062700	7/29/1940	17	32	22	J	Y	453GBSA	INJECTION
MCA UNIT	75	300251271100	5/17/1940	17	32	22	I	Y	453GBSA	PUMPING
MCA UNIT	76	300250065900	6/9/1940	17	32	23	L	Y	453GBSA	P&A
MCA UNIT	77	300250064600	9/25/1941	17	32	23	K	Y	453GBSA	P&A
MCA UNIT	78	300250064800	6/30/1944	17	32	23	J	Y	453GBSA	P&A
MCA UNIT	79	300250064700	12/30/1941	17	32	23	I	Y	453GBSA	P&A
MCA UNIT	80	300250065600	3/19/1942	17	32	23	P	Y	453GBSA	P&A
MCA UNIT	81	300250065700	1/28/1944	17	32	23	O	Y	453GBSA	P&A
MCA UNIT	82	300250064400	3/12/1940	17	32	23	N	Y	453GBSA	P&A
MCA UNIT	83	300250064900	9/30/1958	17	32	23	M	Y	453GBSA	PUMPING
MCA UNIT	84	300250063900	1/15/1940	17	32	22	P	Y	453GBSA	INJECTION
MCA UNIT	85	300250064000	4/25/1940	17	32	22	O	Y	453GBSA	P&A

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MCA UNIT	86	300251279500	1/18/1956	17	32	22	P	Y	453GBSA	PUMPING
MCA UNIT	87	300250062600	6/18/1940	17	32	22	N	Y	453GBSA	P&A
MCA UNIT	88	300250062800	12/26/1940	17	32	22	M	Y	453GBSA	PUMPING
MCA UNIT	89	300251279600	8/27/1947	17	32	22	M	Y	453GBSA	P&A
MCA UNIT	90	300250061600	12/22/1940	17	32	21	P	Y	453GBSA	P&A
MCA UNIT	91	300250061700	12/30/1940	17	32	21	O	Y	453GBSA	P&A
MCA UNIT	92	300250060900	12/13/1940	17	32	21	N	Y	453GBSA	PUMPING
MCA UNIT	93	300250060800	8/7/1940	17	32	21	M	Y	453GBSA	PUMPING
MCA UNIT	94	300250806300	9/6/1939	17	32	20	P	Y	453GBSA	INJECTION
MCA UNIT	95	300250806500	6/26/1940	17	32	20	O	Y	453GBSA	PUMPING
MCA UNIT	96	300251275500	2/4/1949	17	32	20	N	Y	453GBSA	PUMPING
MCA UNIT	97	300250806700	4/4/1941	17	32	20	N	Y	453GBSA	P&A
MCA UNIT	98	300250806900	3/10/1941	17	32	20	M	Y	453GBSA	P&A
MCA UNIT	99	300251276400	1/7/1947	17	32	19	P	Y	453GBSA	P&A
MCA UNIT	100	300250804100	9/6/1941	17	32	19	P	Y	453GBSA	P&A
MCA UNIT	101	300250804300	11/15/1941	17	32	19	O	Y	453GBSA	P&A
MCA UNIT	102	300251257900	3/23/1943	17	32	19	N	Y	453GBSA	P&A
MCA UNIT	103	300250804700	1/10/1942	17	32	19	M	Y	453GBSA	PUMPING
MCA UNIT	104	300250077700	9/2/1942	17	32	30	D	Y	453GBSA	P&A
MCA UNIT	105	300250077800	1/23/1943	17	32	30	C	Y	453GBSA	P&A
MCA UNIT	106	300251276200	7/21/1949	17	32	30	C	Y	453GBSA	P&A
MCA UNIT	107	300250076900	12/1/1940	17	32	30	B	Y	453GBSA	P&A
MCA UNIT	108	300250078300	7/24/1940	17	32	30	A	Y	453GBSA	PUMPING
MCA UNIT	109	300250075900	10/1/1940	17	32	29	D	Y	453GBSA	INJECTION
MCA UNIT	110	300250075800	10/1/1940	17	32	29	C	Y	453GBSA	P&A
MCA UNIT	111	300250076700	2/14/1940	17	32	29	B	Y	453GBSA	INJECTION
MCA UNIT	112	300250075200	6/8/1939	17	32	29	A	Y	453GBSA	P&A
MCA UNIT	113	300251280400	12/1/1959	17	32	28	D	Y	453GBSA	PUMPING
MCA UNIT	114	300250073300	11/12/1939	17	32	28	D	Y	453GBSA	PUMPING
MCA UNIT	115	300250073400	9/1/1940	17	32	28	C	Y	453GBSA	PUMPING
MCA UNIT	116	300251276900	1/30/1989	17	32	28	B	Y	453GBSA	PUMPING

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MCA UNIT	117	300250073700	8/29/1940	17	32	28	B	Y	453GBSA	P&A
MCA UNIT	118	300250073800	9/1/1940	17	32	28	A	Y	453GBSA	PUMPING
MCA UNIT	119	300250072600	7/14/1940	17	32	27	D	Y	453GBSA	P&A
MCA UNIT	120	300250072000	4/15/1940	17	32	27	C	Y	453GBSA	PUMPING
MCA UNIT	121	300250071500	3/14/1940	17	32	27	B	Y	453GBSA	INJECTION
MCA UNIT	122	300250071600	7/8/1939	17	32	27	A	Y	453GBSA	PUMPING
MCA UNIT	123	300250070500	11/13/1939	17	32	26	D	Y	453GBSA	INJECTION
MCA UNIT	124	300250070600	10/8/1940	17	32	26	C	Y	453GBSA	P&A
MCA UNIT	125	300250070000	3/25/1943	17	32	26	B	Y	453GBSA	P&A
MCA UNIT	126	300251270900	12/31/1941	17	32	26	A	Y	453GBSA	PUMPING
MCA UNIT	127	300250067800	5/12/1942	17	32	25	D	Y	453GBSA	INJECTION
MCA UNIT	128	300250069400	1/23/1949	17	32	25	F	Y	453GBSA	PUMPING
MCA UNIT	129	300250067900	5/12/1942	17	32	25	C	Y	453GBSA	P&A
MCA UNIT	130	300251270800	11/20/1948	17	32	25	G	Y	453GBSA	PUMPING
MCA UNIT	131	300250068200	9/22/1942	17	32	25	B	Y	453GBSA	INJECTION
MCA UNIT	132	300250068400	12/23/1942	17	32	25	A	Y	453GBSA	P&A
MCA UNIT	133	300250156000	5/16/1943	17	33	30	D	Y	453GBSA	P&A
MCA UNIT	134	300251270100	1/14/1944	17	33	30	C	Y	453GBSA	P&A
MCA UNIT	135	300250156400	9/11/1943	17	33	30	F	Y	453GBSA	P&A
MCA UNIT	136	300250156100	5/13/1943	17	33	30	E	Y	453GBSA	PUMPING
MCA UNIT	137	300250068500	1/6/1943	17	32	25	H	Y	453GBSA	INJECTION
MCA UNIT	138	300250068300	10/25/1942	17	32	25	G	Y	453GBSA	PUMPING
MCA UNIT	139	300250068100	8/29/1942	17	32	25	F	Y	453GBSA	INJECTION
MCA UNIT	140	300250068000	7/31/1942	17	32	25	E	Y	453GBSA	PUMPING
MCA UNIT	141	300250069700	8/26/1943	17	32	26	H	Y	453GBSA	INJECTION
MCA UNIT	142	300250069900	2/12/1942	17	32	26	G	Y	453GBSA	PUMPING
MCA UNIT	143	300250071200	10/21/1941	17	32	26	F	Y	453GBSA	P&A
MCA UNIT	144	300250071100	4/20/1940	17	32	26	E	Y	453GBSA	P&A
MCA UNIT	145	300250071400	2/27/1940	17	32	27	H	Y	453GBSA	INJECTION
MCA UNIT	146	300250071700	12/6/1939	17	32	27	G	Y	453GBSA	PUMPING
MCA UNIT	147	300250071900	2/4/1940	17	32	27	F	Y	453GBSA	P&A

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MCA UNIT	148	300250072200	5/10/1940	17	32	27	E	Y	453GBSA	P&A
MCA UNIT	149	300251279200	3/7/1947	17	32	27	E	Y	453GBSA	PUMPING
MCA UNIT	150	300250074000	11/9/1940	17	32	28	H	Y	453GBSA	INJECTION
MCA UNIT	151	300250073900	9/1/1940	17	32	28	G	Y	453GBSA	PUMPING
MCA UNIT	152	300250073600	8/15/1940	17	32	28	F	Y	453GBSA	INJECTION
MCA UNIT	153	300250073500	7/24/1940	17	32	28	E	Y	453GBSA	P&A
MCA UNIT	154	300250075300	8/20/1940	17	32	29	H	Y	453GBSA	INJECTION
MCA UNIT	155	300250076800	5/4/1940	17	32	29	G	Y	453GBSA	P&A
MCA UNIT	156	300251275600	4/19/1949	17	32	29	F	Y	453GBSA	P&A
MCA UNIT	157	300250076000	10/9/1940	17	32	29	F	Y	453GBSA	P&A
MCA UNIT	158	300250076100	12/6/1940	17	32	29	E	Y	453GBSA	P&A
MCA UNIT	159	300250078400	10/17/1940	17	32	30	H	Y	453GBSA	P&A
MCA UNIT	160	300250077000	2/26/1941	17	32	30	G	Y	453GBSA	P&A
MCA UNIT	161	300251278100	5/16/1951	17	32	30	J	Y	453GBSA	P&A
MCA UNIT	162	300250078000	9/11/1947	17	32	30	F	Y	453GBSA	P&A
MCA UNIT	163	300250077900	7/5/1945	17	32	30	E	Y	453GBSA	PUMPING
MCA UNIT	164	300250077100	7/14/1945	17	32	30	L	Y	453GBSA	P&A
MCA UNIT	165	300250077200	5/9/1941	17	32	30	K	Y	453GBSA	PUMPING
MCA UNIT	166	300250077600	7/19/1941	17	32	30	J	Y	453GBSA	P&A
MCA UNIT	167	300250077500	2/20/1941	17	32	30	I	Y	453GBSA	PUMPING
MCA UNIT	168	300251279800	6/20/1950	17	32	30	J	Y	453GBSA	PUMPING
MCA UNIT	169	300250075500	4/28/1941	17	32	29	L	Y	453GBSA	INJECTION
MCA UNIT	170	300250075400	2/8/1941	17	32	29	K	Y	453GBSA	PUMPING
MCA UNIT	171	300250076400	5/18/1941	17	32	29	J	Y	453GBSA	INJECTION
MCA UNIT	172	300250076600	9/20/1949	17	32	29	O	Y	453GBSA	PUMPING
MCA UNIT	173	300250076200	2/28/1941	17	32	29	I	Y	453GBSA	PUMPING
MCA UNIT	174	300251279400	3/10/1969	17	32	28	L	Y	453GBSA	P&A
MCA UNIT	175	300250074100	10/12/1940	17	32	28	L	Y	453GBSA	P&A
MCA UNIT	176	300250074200	10/31/1940	17	32	28	K	Y	453GBSA	PUMPING
MCA UNIT	177	300252148900	10/1/1966	17	32	28	J	Y	453GBSA	PUMPING
MCA UNIT	178	300250074300	12/13/1940	17	32	28	J	Y	453GBSA	P&A

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MCA UNIT	179	300250074400	11/1/1940	17	32	28	I	Y	453GBSA	P&A
MCA UNIT	180	300250072800	10/1/1940	17	32	27	L	Y	453GBSA	INJECTION
MCA UNIT	181	300250072400	6/15/1940	17	32	27	K	Y	453GBSA	PUMPING
MCA UNIT	182	300251279300	12/22/1969	17	32	27	J	Y	453GBSA	P&A
MCA UNIT	183	300250073000	2/26/1948	17	32	27	O	Y	453GBSA	PUMPING
MCA UNIT	184	300250071800	2/27/1940	17	32	27	J	Y	453GBSA	INJECTION
MCA UNIT	185	300250073200	12/25/1954	17	32	27	J	Y	453GBSA	PUMPING
MCA UNIT	186	300250072100	5/19/1940	17	32	27	I	Y	453GBSA	P&A
MCA UNIT	187	300250070400	10/25/1940	17	32	26	L	Y	453GBSA	P&A
MCA UNIT	188	300250070900	7/27/1941	17	32	26	K	Y	453GBSA	P&A
MCA UNIT	189	300250070100	12/19/1940	17	32	26	J	Y	453GBSA	INJECTION
MCA UNIT	190	300250069000	6/25/1943	17	32	25	L	Y	453GBSA	P&A
MCA UNIT	191	300250069300	12/6/1948	17	32	25	K	Y	453GBSA	PUMPING
MCA UNIT	192	300250068900	5/20/1943	17	32	25	K	Y	453GBSA	PUMPING
MCA UNIT	193	300250069200	10/20/1948	17	32	25	J	Y	453GBSA	PUMPING
MCA UNIT	194	300250068700	3/15/1943	17	32	25	J	Y	453GBSA	P&A
MCA UNIT	195	300250069100	10/1/1948	17	32	25	I	Y	453GBSA	P&A
MCA UNIT	196	300250068600	2/19/1943	17	32	25	I	Y	453GBSA	PUMPING
MCA UNIT	197	300250833600	1/21/1949	17	33	30	L	Y	453GBSA	P&A
MCA UNIT	198	300250156200	6/6/1943	17	33	30	L	Y	453GBSA	P&A
MCA UNIT	199	300250156300	6/30/1943	17	33	30	K	Y	453GBSA	P&A
MCA UNIT	200	300250068800	5/19/1943	17	32	25	P	Y	453GBSA	P&A
MCA UNIT	201	300250071000	10/10/1948	17	32	26	N	Y	453GBSA	P&A
MCA UNIT	202	300250070700	4/3/1941	17	32	26	M	Y	453GBSA	P&A
MCA UNIT	203	300250072500	10/25/1940	17	32	27	P	Y	453GBSA	P&A
MCA UNIT	204	300250072300	7/13/1940	17	32	27	O	Y	453GBSA	PUMPING
MCA UNIT	205	300250072700	12/10/1940	17	32	27	N	Y	453GBSA	P&A
MCA UNIT	206	300250072900	12/6/1940	17	32	27	M	Y	453GBSA	PUMPING
MCA UNIT	207	300250074600	12/27/1940	17	32	28	P	Y	453GBSA	P&A
MCA UNIT	208	300250074700	1/25/1941	17	32	28	O	Y	453GBSA	P&A
MCA UNIT	209	300250074800	12/30/1940	17	32	28	N	Y	453GBSA	P&A

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MCA UNIT	210	300250074900	12/26/1940	17	32	28	M	Y	453GBSA	P&A
MCA UNIT	211	300250076300	6/19/1941	17	32	29	P	Y	453GBSA	INJECTION
MCA UNIT	212	300250076500	8/28/1941	17	32	29	O	Y	453GBSA	PUMPING
MCA UNIT	213	300250075700	10/23/1941	17	32	29	N	Y	453GBSA	P&A
MCA UNIT	214	300250075600	9/18/1941	17	32	29	M	Y	453GBSA	P&A
MCA UNIT	215	300250078100	8/20/1947	17	32	30	P	Y	453GBSA	P&A
MCA UNIT	216	300250078200	1/22/1950	17	32	30	O	Y	453GBSA	P&A
MCA UNIT	217	300250077400	1/24/1950	17	32	30	N	Y	453GBSA	P&A
MCA UNIT	218	300250077300	10/12/1949	17	32	30	M	Y	453GBSA	PUMPING
MCA UNIT	219	300250078500	4/5/1950	17	32	31	C	Y	453GBSA	PUMPING
MCA UNIT	220	300250079800	10/1/1939	17	32	33	D	Y	453GBSA	P&A
MCA UNIT	221	300250079900	3/28/1941	17	32	33	C	Y	453GBSA	P&A
MCA UNIT	222	300251278500	2/5/1960	17	32	33	B	Y	453GBSA	PUMPING
MCA UNIT	223	300250080000	3/1/1941	17	32	33	B	Y	453GBSA	INJECTION
MCA UNIT	224	300250080100	2/17/1941	17	32	33	A	Y	453GBSA	P&A
MCA UNIT	225	300251278200	8/20/1954	17	32	34	D	Y	453GBSA	PUMPING
MCA UNIT	226	300250081700	4/23/1941	17	32	34	D	Y	453GBSA	P&A
MCA UNIT	227	300250081800	9/10/1941	17	32	34	C	Y	453GBSA	P&A
MCA UNIT	228	300250081900	5/19/1941	17	32	34	B	Y	453GBSA	P&A
MCA UNIT	229	300250082000	8/21/1941	17	32	34	E	Y	453GBSA	P&A
MCA UNIT	230	300250080900	3/31/1941	17	32	33	G	Y	453GBSA	P&A
MCA UNIT	231	300250080300	8/16/1954	17	32	33	G	Y	453GBSA	PUMPING
MCA UNIT	232	300250080700	1/2/1946	17	32	33	F	Y	453GBSA	P&A
MCA UNIT	233	300250080800	1/10/1946	17	32	33	E	Y	453GBSA	PUMPING
MCA UNIT	234	300252052200	7/26/1963	17	32	21	M	Y	453GBSA	PUMPING
MCA UNIT	235	300252049600	7/28/1963	17	32	28	F	Y	453GBSA	PUMPING
MCA UNIT	242	300252224700	11/26/1967	17	32	19	L	Y	453GBSA	P&A
MCA UNIT	245	300252266100	8/31/1968	17	32	21	A	Y	453GBSA	PUMPING
MCA UNIT	246	300253615600	11/4/1950	17	32	17	P	Y	453GBSA	P&A
MCA UNIT	247	300252270000	8/29/1968	17	32	23	H	Y	453GBSA	P&A
MCA UNIT	249	300250070800	2/20/1943	17	32	26	N	Y	453GBSA	P&A

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MCA UNIT	251	300252343300	2/27/1970	17	32	21	N	Y	453GBSA	PUMPING
MCA UNIT	252	300252348200	5/3/1970	17	32	28	D	Y	453GBSA	PUMPING
MCA UNIT	253	300250805200	7/30/1961	17	32	20	E	Y	453GBSA	P&A
MCA UNIT	254	300252348700	5/17/1970	17	32	28	O	Y	453GBSA	PUMPING
MCA UNIT	255	300250804900	9/20/1960	17	32	20	C	Y	453GBSA	P&A
MCA UNIT	256	300252350900	6/6/1970	17	32	20	I	Y	453GBSA	P&A
MCA UNIT	257	300250805000	12/18/1960	17	32	20	F	Y	453GBSA	P&A
MCA UNIT	258	300252023100	12/31/1963	17	32	20	A	Y	453GBSA	P&A
MCA UNIT	259	300250803200	5/1/1950	17	32	19	I	Y	453GBSA	P&A
MCA UNIT	260	300252356900	8/23/1970	17	32	28	F	Y	453GBSA	PUMPING
MCA UNIT	261	300252355900	8/17/1970	17	32	28	N	Y	453GBSA	PUMPING
MCA UNIT	262	300252366000	1/15/1971	17	32	21	E	Y	453GBSA	P&A
MCA UNIT	263	300252367200	1/25/1971	17	32	20	E	Y	453GBSA	P&A
MCA UNIT	264	300252367300	2/15/1971	17	32	19	I	Y	453GBSA	PUMPING
MCA UNIT	265	300252368600	2/21/1971	17	32	20	L	Y	453GBSA	PUMPING
MCA UNIT	266	300252368700	3/24/1971	17	32	20	K	Y	453GBSA	PUMPING
MCA UNIT	267	300250059600	10/12/1962	17	32	17	M	Y	453GBSA	PUMPING
MCA UNIT	268	300252370500	4/30/1971	17	32	28	K	Y	453GBSA	PUMPING
MCA UNIT	269	300252370600	3/25/1971	17	32	20	P	Y	453GBSA	PUMPING
MCA UNIT	270	300252370700	3/6/1971	17	32	29	F	Y	453GBSA	PUMPING
MCA UNIT	271	300252371500	3/12/1971	17	32	20	A	Y	453GBSA	PUMPING
MCA UNIT	273	300252373000	4/27/1971	17	32	26	L	Y	453GBSA	INJECTION
MCA UNIT	274	300252373100	4/1/1971	17	32	28	A	Y	453GBSA	PUMPING
MCA UNIT	275	300252373800	4/18/1971	17	32	33	H	Y	453GBSA	PUMPING
MCA UNIT	276	300252373200	4/8/1971	17	32	19	P	Y	453GBSA	PUMPING
MCA UNIT	277	300252373300	4/17/1971	17	32	29	B	Y	453GBSA	P&A
MCA UNIT	278	300252393000	12/16/1971	17	32	30	G	Y	453GBSA	P&A
MCA UNIT	279	300252373900	4/25/1971	17	32	19	P	Y	453GBSA	P&A
MCA UNIT	280	300252374000	4/26/1971	17	32	28	G	Y	453GBSA	P&A
MCA UNIT	281	300252374100	5/2/1971	17	32	29	D	Y	453GBSA	PUMPING
MCA UNIT	282	300252384600	8/23/1971	17	32	27	C	Y	453GBSA	PUMPING

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MCA UNIT	283	300252374300	5/12/1971	17	32	19	I	Y	453GBSA	PUMPING
MCA UNIT	284	300252374400	6/25/1971	17	32	28	E	Y	453GBSA	PUMPING
MCA UNIT	285	300252374500	5/13/1971	17	32	19	J	Y	453GBSA	PUMPING
MCA UNIT	286	300252384800	8/27/1971	17	32	19	M	Y	453GBSA	PUMPING
MCA UNIT	287	300252380700	7/27/1971	17	32	20	I	Y	453GBSA	PUMPING
MCA UNIT	288	300252377800	6/1/1971	17	32	29	D	Y	453GBSA	P&A
MCA UNIT	289	300252378900	6/21/1971	17	32	30	B	Y	453GBSA	P&A
MCA UNIT	290	300252379800	8/2/1971	17	32	29	D	Y	453GBSA	P&A
MCA UNIT	291	300252383600	8/13/1971	17	32	19	L	Y	453GBSA	P&A
MCA UNIT	292	300252392000	11/25/1971	17	32	27	D	Y	453GBSA	P&A
MCA UNIT	293	300252376700	5/26/1971	17	32	29	K	Y	453GBSA	P&A
MCA UNIT	294	300252379700	8/2/1971	17	32	29	K	Y	453GBSA	PUMPING
MCA UNIT	295	300252382400	12/24/1971	17	32	30	I	Y	453GBSA	PUMPING
MCA UNIT	296	300252379000	7/5/1971	17	32	28	K	Y	453GBSA	PUMPING
MCA UNIT	297	300252385500	9/9/1971	17	32	30	F	Y	453GBSA	P&A
MCA UNIT	298	300252382500	7/28/1971	17	32	19	H	Y	453GBSA	P&A
MCA UNIT	299	300252393800	12/27/1971	17	32	27	D	Y	453GBSA	PUMPING
MCA UNIT	300	300252398400	12/31/1971	17	32	33	C	Y	453GBSA	PUMPING
MCA UNIT	301	300252422600	9/18/1972	17	32	28	J	Y	453GBSA	INJECTION
MCA UNIT	302	300252429800	12/26/1972	17	32	27	P	Y	453GBSA	P&A
MCA UNIT	303	300250805300	7/7/1959	17	32	20	J	Y	453GBSA	P&A
MCA UNIT	304	300252400900	1/13/1972	17	32	30	I	Y	453GBSA	PUMPING
MCA UNIT	305	300252405600	5/30/1972	17	32	30	J	Y	453GBSA	PUMPING
MCA UNIT	306	300252405700	4/24/1972	17	32	30	B	Y	453GBSA	PUMPING
MCA UNIT	307	300252405800	4/21/1972	17	32	27	A	Y	453GBSA	P&A
MCA UNIT	308	300252407600	5/9/1972	17	32	29	G	Y	453GBSA	PUMPING
MCA UNIT	309	300252409500	5/27/1972	17	32	19	B	Y	453GBSA	P&A
MCA UNIT	310	300252410800	6/10/1972	17	32	30	C	Y	453GBSA	PUMPING
MCA UNIT	311	300252410100	6/7/1972	17	32	26	C	Y	453GBSA	P&A
MCA UNIT	312	300252410900	5/23/1972	17	32	22	H	Y	453GBSA	PUMPING
MCA UNIT	313	300252412100	7/27/1972	17	32	25	C	Y	453GBSA	PUMPING

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MCA UNIT	314	300252412700	6/19/1972	17	32	27	E	Y	453GBSA	PUMPING
MCA UNIT	315	300252412800	6/30/1972	17	32	27	L	Y	453GBSA	P&A
MCA UNIT	316	300252418300	7/22/1972	17	32	22	M	Y	453GBSA	PUMPING
MCA UNIT	317	300252418600	7/30/1972	17	32	27	D	Y	453GBSA	PUMPING
MCA UNIT	318	300252419600	8/24/1972	17	32	28	A	Y	453GBSA	PUMPING
MCA UNIT	319	300252421300	8/2/1972	17	32	29	G	Y	453GBSA	PUMPING
MCA UNIT	320	300252421400	8/25/1972	17	32	19	L	Y	453GBSA	PUMPING
MCA UNIT	321	300252423300	9/13/1972	17	32	27	L	Y	453GBSA	PUMPING
MCA UNIT	322	300252421800	8/30/1972	17	32	26	E	Y	453GBSA	PUMPING
MCA UNIT	323	300252423400	10/5/1972	17	32	30	K	Y	453GBSA	PUMPING
MCA UNIT	324	300252423500	10/18/1972	17	32	28	L	Y	453GBSA	PUMPING
MCA UNIT	325	300252423600	9/24/1972	17	32	22	I	Y	453GBSA	PUMPING
MCA UNIT	326	300252425800	10/26/1972	17	32	21	P	Y	453GBSA	PUMPING
MCA UNIT	327	300252427400	12/1/1972	17	32	22	O	Y	453GBSA	PUMPING
MCA UNIT	328	300252426700	10/29/1972	17	32	21	O	Y	453GBSA	PUMPING
MCA UNIT	329	300252427500	11/22/1972	17	32	27	J	Y	453GBSA	PUMPING
MCA UNIT	330	300252427100	11/13/1972	17	32	23	M	Y	453GBSA	PUMPING
MCA UNIT	331	300250805100	7/30/1961	17	32	20	D	Y	453GBSA	INJECTION
MCA UNIT	332	300252434900	2/7/1973	17	32	28	O	Y	453GBSA	PUMPING
MCA UNIT	333	300252435200	2/13/1973	17	32	28	P	Y	453GBSA	PUMPING
MCA UNIT	334	300252436800	2/24/1973	17	32	25	E	Y	453GBSA	PUMPING
MCA UNIT	335	300252436900	3/2/1973	17	32	27	H	Y	453GBSA	PUMPING
MCA UNIT	336	300252437000	3/7/1973	17	32	23	L	Y	453GBSA	P&A
MCA UNIT	337	300252437500	3/25/1973	17	32	27	H	Y	453GBSA	PUMPING
MCA UNIT	338	300252437600	4/8/1973	17	32	22	L	Y	453GBSA	PUMPING
MCA UNIT	339	300252437700	3/30/1973	17	32	23	N	Y	453GBSA	P&A
MCA UNIT	340	300252446100	8/21/1973	17	32	21	G	Y	453GBSA	P&A
MCA UNIT	341	300252446200	8/16/1973	17	32	22	P	Y	453GBSA	PUMPING
MCA UNIT	342	300252446300	9/10/1973	17	32	26	D	Y	453GBSA	P&A
MCA UNIT	343	300252448300	9/12/1973	17	32	26	F	Y	453GBSA	PUMPING
MCA UNIT	344	300252449800	9/13/1973	17	32	25	G	Y	453GBSA	PUMPING

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MCA UNIT	345	300252449900	10/18/1973	17	32	22	J	Y	453GBSA	P&A
MCA UNIT	346	300252451300	10/3/1973	17	32	27	M	Y	453GBSA	PUMPING
MCA UNIT	347	300252451500	10/15/1973	17	32	27	A	Y	453GBSA	PUMPING
MCA UNIT	348	300252452700	10/17/1973	17	32	27	I	Y	453GBSA	PUMPING
MCA UNIT	349	300252454500	10/22/1987	17	32	23	M	Y	453GBSA	P&A
MCA UNIT	350	300252454600	11/5/1973	17	32	26	L	Y	453GBSA	P&A
MCA UNIT	351	300252454700	11/28/1973	17	32	26	H	Y	453GBSA	PUMPING
MCA UNIT	352	300252457400	1/12/1974	17	32	25	H	Y	453GBSA	PUMPING
MCA UNIT	353	300252458300	12/2/1973	17	32	27	N	Y	453GBSA	PUMPING
MCA UNIT	354	300252459900	12/13/1973	17	32	23	O	Y	453GBSA	PUMPING
MCA UNIT	355	300250061400	5/1/1954	17	32	21	F	Y	453GBSA	P&A
MCA UNIT	356	300250069500	10/2/1949	17	32	25	P	Y	453GBSA	P&A
MCA UNIT	357	300252584900	6/4/1978	17	32	28	M	Y	453GBSA	PUMPING
MCA UNIT	358	300252660600	11/12/1980	17	32	20	H	Y	453GBSA	P&A
MCA UNIT	359	300252707600	10/15/1981	17	32	20	H	Y	453GBSA	P&A
MCA UNIT	360	300252706300	10/5/1981	17	32	20	H	Y	453GBSA	P&A
MCA UNIT	361	300252706400	7/24/1981	17	32	20	I	Y	453GBSA	P&A
MCA UNIT	362	300252706500	7/30/1981	17	32	20	I	Y	453GBSA	P&A
MCA UNIT	363	300252706600	6/20/1981	17	32	20	I	Y	453GBSA	P&A
MCA UNIT	364	300252706700	7/17/1981	17	32	20	I	Y	453GBSA	P&A
MCA UNIT	365	300252898800	12/26/1984	17	32	29	B	Y	453GBSA	P&A
MCA UNIT	366	300252942700	12/14/1985	17	32	26	D	Y	453GBSA	PUMPING
MCA UNIT	367	300252985500	5/29/1987	17	32	23	O	Y	453GBSA	PUMPING
MCA UNIT	368	300252985400	5/29/1987	17	32	21	G	Y	453GBSA	PUMPING
MCA UNIT	369	300252985300	4/13/1987	17	32	29	E	Y	453GBSA	PUMPING
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MCA UNIT	371	300252995500	10/7/1987	17	32	33	F	Y	453GBSA	P&A
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MCA UNIT	374	300252996700	11/19/1987	17	32	20	L	Y	453GBSA	TA'd
MCA UNIT	375	300253011400	11/24/1987	17	32	23	J	Y	453GBSA	PUMPING

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MCA UNIT	376	300253012700	1/22/1988	17	32	23	N	Y	453GBSA	PUMPING
MCA UNIT	377	300253011500	2/25/1988	17	32	23	K	Y	453GBSA	PUMPING
MCA UNIT	378	300253011600	2/7/1988	17	32	22	J	Y	453GBSA	P&A
MCA UNIT	379	300253034700	8/4/1988	17	32	21	G	Y	453GBSA	P&A
MCA UNIT	380	300253033700	9/19/1988	17	32	28	B	Y	453GBSA	INJECTION
MCA UNIT	381	300253034800	8/29/1988	17	33	30	K	Y	453GBSA	P&A
MCA UNIT	382	300250074500	11/9/1961	17	32	28	I	Y	453GBSA	PUMPING
MCA UNIT	383	300250081500	2/24/1962	17	32	33	A	Y	453GBSA	P&A
MCA UNIT	384	300253049100	8/27/1989	17	32	27	E	Y	453GBSA	PUMPING
MCA UNIT	385	300253073100	1/20/1990	17	32	22	O	Y	453GBSA	P&A
MCA UNIT	386	300253110000	4/5/1991	17	32	29	F	Y	453GBSA	INJECTION
MCA UNIT	387	300253514200	10/23/2000	17	32	27	K	Y	453GBSA	P&A
MCA UNIT	390	300253885200	8/8/2008	17	33	30	E	Y	453GBSA	PUMPING
MCA UNIT	391	300253885300	8/14/2008	17	32	25	H	Y	453GBSA	TA'd
MCA UNIT	392	300253885400	8/20/2008	17	32	25	K	Y	453GBSA	PUMPING
MCA UNIT	393	300253787900	11/17/2006	17	32	29	H	Y	453GBSA	PUMPING
MCA UNIT	394	300253793100	7/20/2007	17	32	28	D	Y	453GBSA	PUMPING
MCA UNIT	395	300253790000	4/5/2007	17	32	28	E	Y	453GBSA	PUMPING
MCA UNIT	396	300253797600	6/17/2007	17	32	28	L	Y	453GBSA	PUMPING
MCA UNIT	397	300253793900	9/30/2007	17	32	28	E	Y	453GBSA	PUMPING
MCA UNIT	398	300253897100	10/18/2008	17	32	25	F	Y	453GBSA	PUMPING
MCA UNIT	399	300253897200	1/8/2009	17	32	27	K	Y	453GBSA	INJECTION
MCA UNIT	400	300253897300	1/22/2009	17	32	27	L	Y	453GBSA	PUMPING
MCA UNIT	401	300253897400	4/3/2009	17	32	26	F	Y	453GBSA	PUMPING
MCA UNIT	402	300253885500	8/29/2008	17	32	26	L	Y	453GBSA	PUMPING
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MCA UNIT	410	300253897900	12/10/2008	17	32	28	O	Y	453GBSA	PUMPING
MCA UNIT	411	300253885600	11/2/2008	17	32	33	C	Y	453GBSA	PUMPING
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MCA UNIT	417	300253898500	2/28/2009	17	32	27	M	Y	453GBSA	PUMPING
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MCA UNIT	419	300253898700	2/24/2009	17	32	27	M	Y	453GBSA	INJECTION
MCA UNIT	420	300253898900	12/10/2008	17	32	33	A	Y	453GBSA	INJECTION
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MCA UNIT	461	300253934600	5/28/2009	17	32	26	J	Y	453GBSA	PUMPING
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MCA UNIT	463	300253931900	5/1/2009	17	32	26	L	Y	453GBSA	PUMPING
MCA UNIT	464	300253934700	5/30/2009	17	32	26	J	Y	453GBSA	PUMPING
MCA UNIT	465	300253932400	4/20/2009	17	32	26	K	Y	453GBSA	PUMPING
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MCA UNIT	475	300253934900	4/29/2009	17	32	27	I	Y	453GBSA	INJECTION
MCA UNIT	476	300253935000	10/22/2010	17	32	27	J	Y	453GBSA	PUMPING
MCA UNIT	478	300253935100	6/13/2009	17	32	27	O	Y	453GBSA	INJECTION
MCA UNIT	479	300253935200	8/5/2009	17	32	28	N	Y	453GBSA	PUMPING
MCA UNIT	480	300253976600	10/4/2010	17	32	28	O	Y	453GBSA	INJECTION
MCA UNIT	481	300253940200	8/13/2009	17	32	28	M	Y	453GBSA	INJECTION
MCA UNIT	482	300253976700	9/28/2010	17	32	28	K	Y	453GBSA	PUMPING

MCA UNIT	483	300253935300	6/25/2009	17	32	28	I	Y	453GBSA	INJECTION
MCA UNIT	484	300253935400	7/28/2009	17	32	28	K	Y	453GBSA	PUMPING
MCA UNIT	485	300253940300	8/15/2009	17	32	28	K	Y	453GBSA	INJECTION
MCA UNIT	486	300253935500	7/18/2009	17	32	28	I	Y	453GBSA	INJECTION
MCA UNIT	487	300253935600	7/21/2009	17	32	28	J	Y	453GBSA	PUMPING
MCA UNIT	489	300253943200	8/22/2009	17	32	33	A	Y	453GBSA	INJECTION
MCA UNIT	490	300253932100	7/15/2009	17	32	33	B	Y	453GBSA	TA
MCA UNIT	491	300253932200	7/9/2009	17	32	33	C	Y	453GBSA	INJECTION
MCA UNIT	492	300253943300	8/29/2009	17	32	33	G	Y	453GBSA	SI
MCA UNIT	365Y	300252910200	5/30/1985	17	32	29	B	Y	453GBSA	PUMPING

Production Graphs:

See Attachments

Map of structural and geologic interpretations:

See Attachments

Map of Participating area boundaries:

See Attachments

Map of Wells, flow-lines, and roads:

See Attachments

The MCA Unit is comprised of one participating area, as set forth in the table below. A map of the participating area and a reservoir performance graph for the participating area are attached.

MCA	Grayburg-San Andres PA	7/1/1962	NMNM-070987X
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The working interest owners have been provided a copy of this 2015 Plan of Development. ConocoPhillips Company and the working interest owners believe that all current MCA Unit obligations have been satisfied.

In accordance with Article 10 of the Maljamar Cooperative Agreement (MCA) Unit Agreement, please signify your approval of the 2015 Plan of Development by executing in the signature block below. Please return one approved copy to the undersigned.

Should you have any questions or comments in this regard, please contact me at 281-206-5349.

Bureau of Land Management

Date

New Mexico State Land Office

Date

New Mexico Oil Conservation Division

Date

The foregoing approvals are for the 2015 Plan of Development for the Maljamar Cooperative Agreement (MCA) Unit, I SEC- No. 341, Lea County, New Mexico.

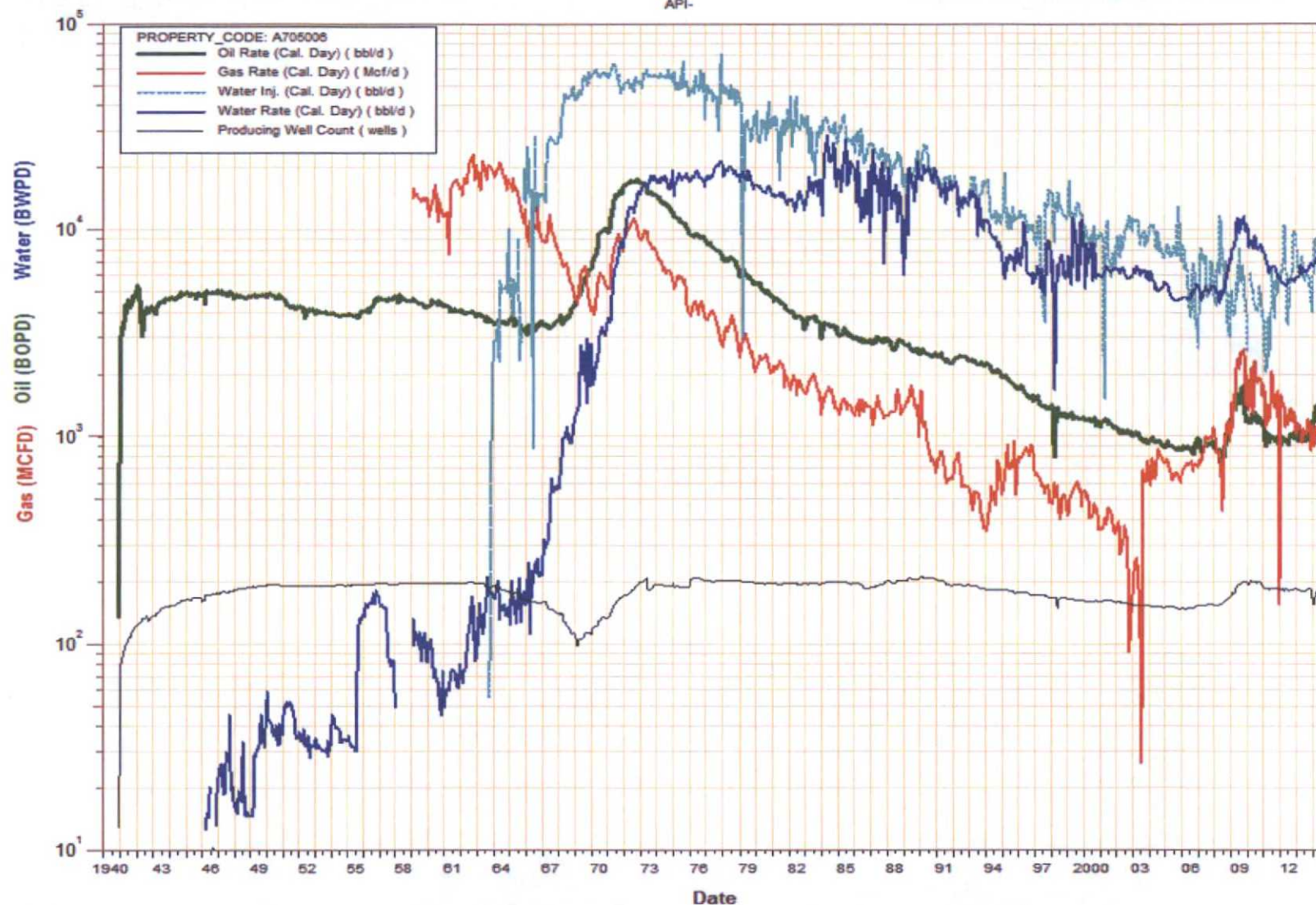
Cc: Occidental Permian Joint Interest
Attn: Donna Havens
P.O. Box 4294
Houston, TX 77210-4294

MCA Unit Cumulative Production

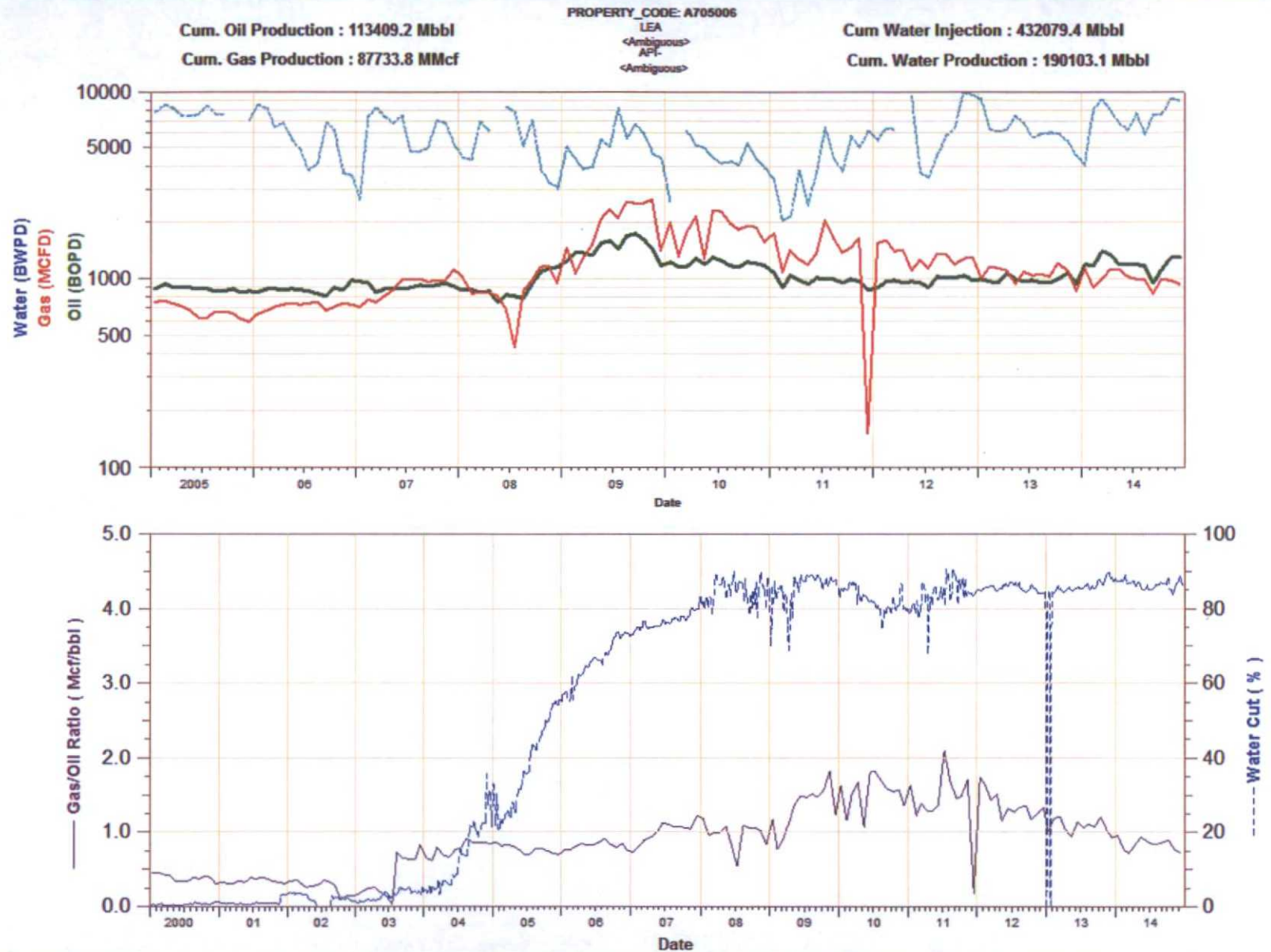
Cum. Gas Production : 87733.8 MMcf
Cum. Oil Production : 113409.2 Mbbl

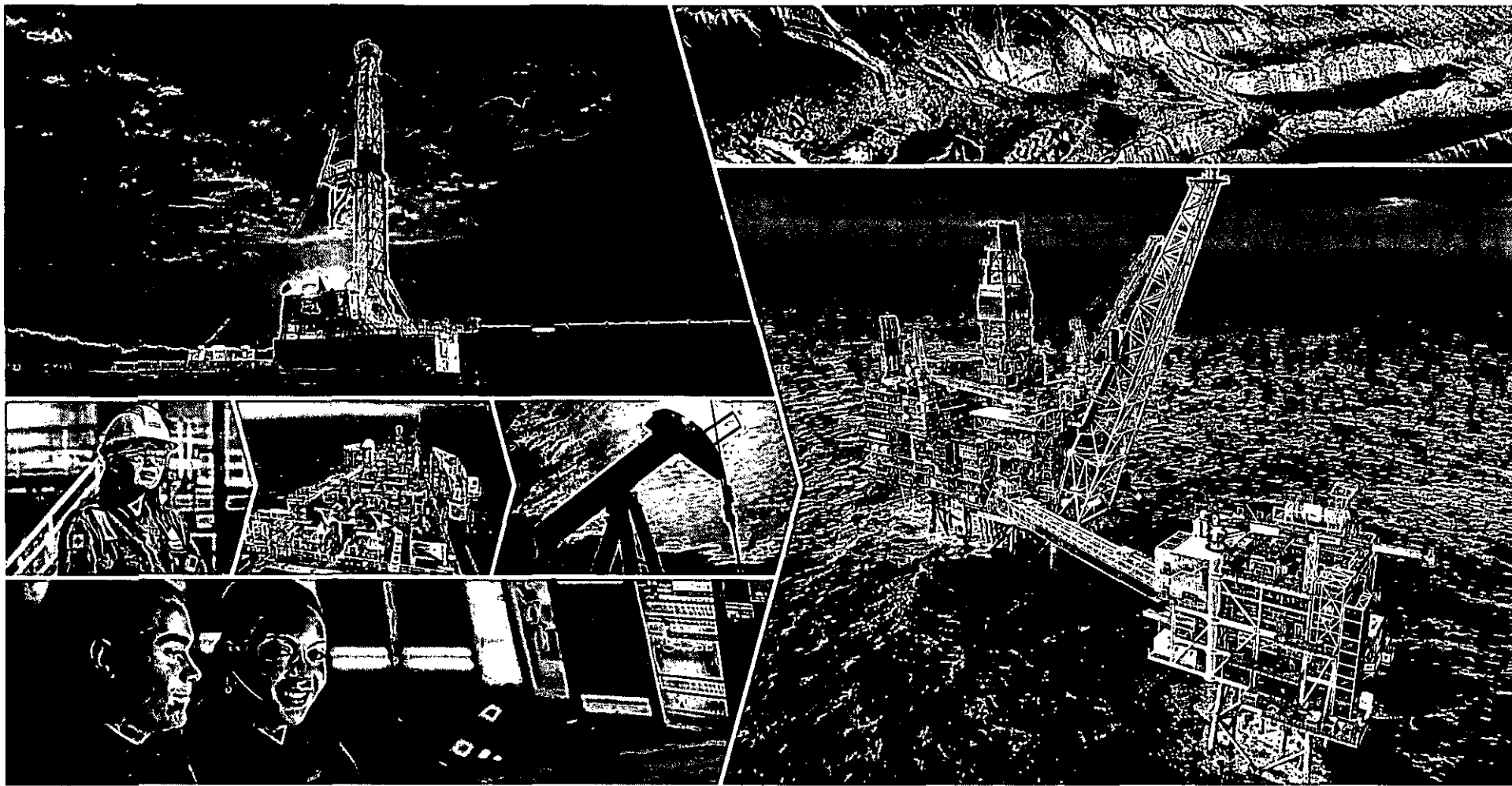
PROPERTY_CODE: A705006
<Ambiguous>
LEA
API-

Cum Water Injection : 432079.4 Mbbl
Cum. Water Production : 190103.1 Mbbl



MCA Unit Infill Waterflood Performance






ConocoPhillips.

MCA Unit Structural and Geologic Overview

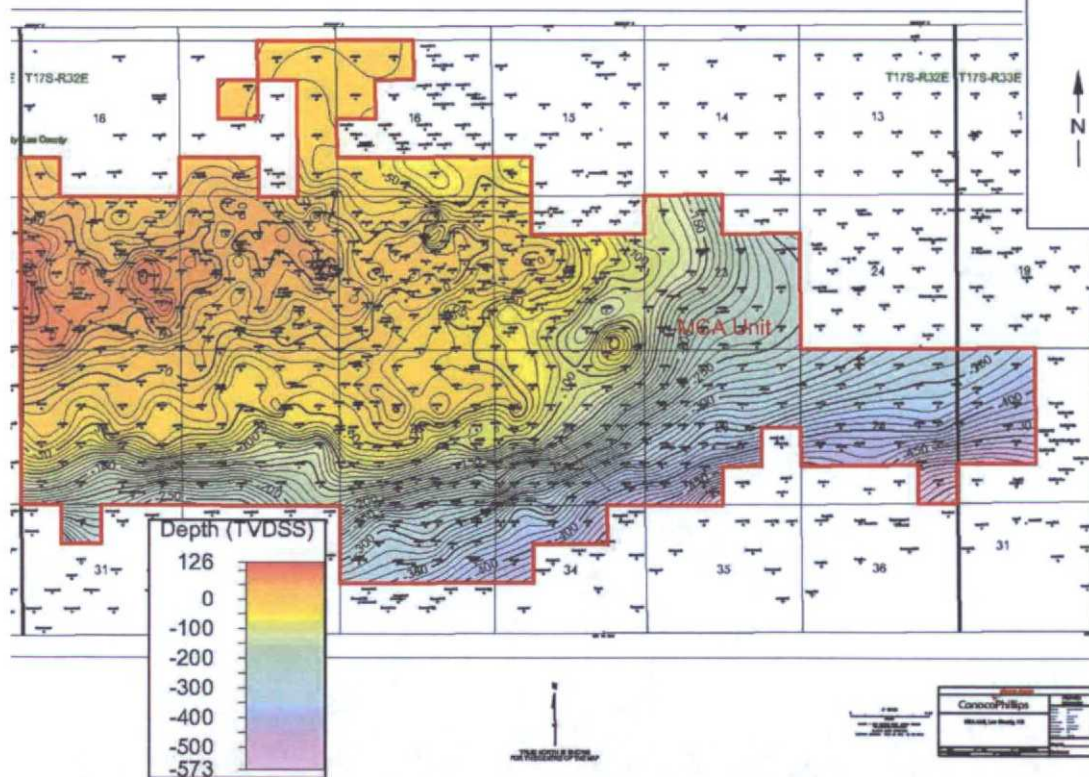
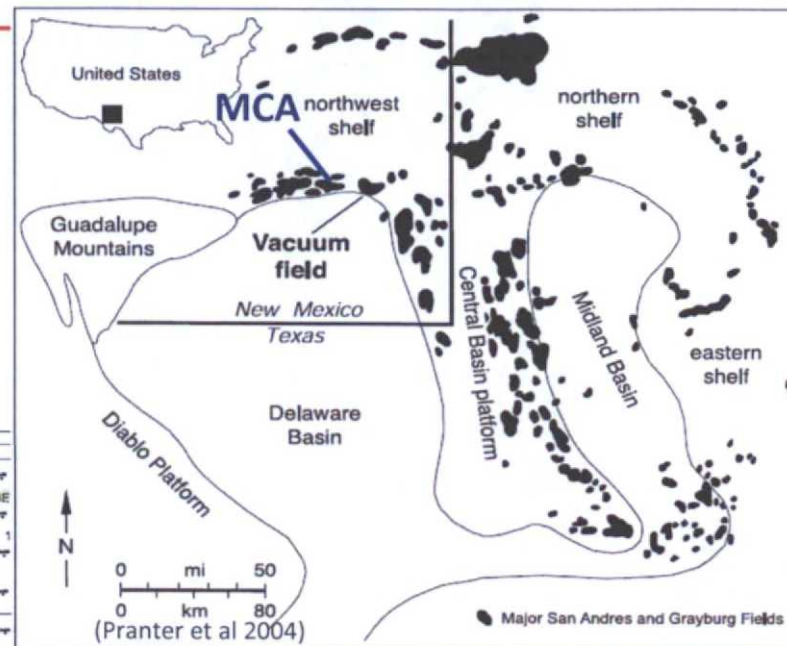
2015 POD

MCA Field Overview

Discovered in 1926

NW Shelf Grayburg/San Andres field

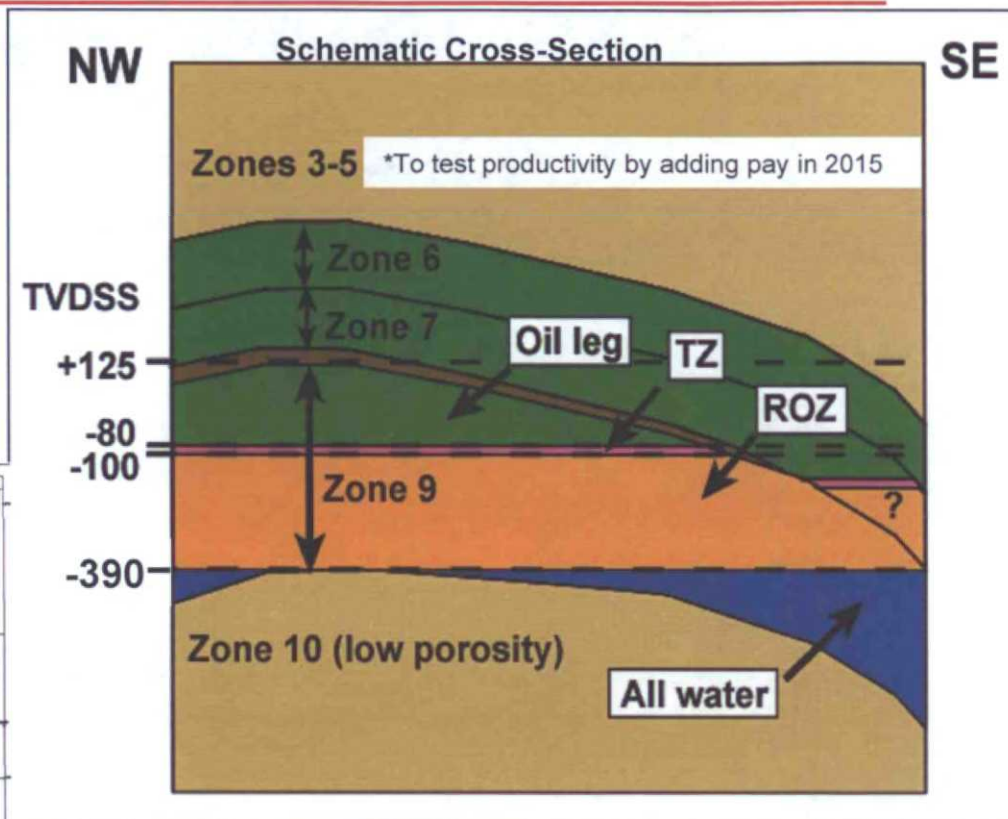
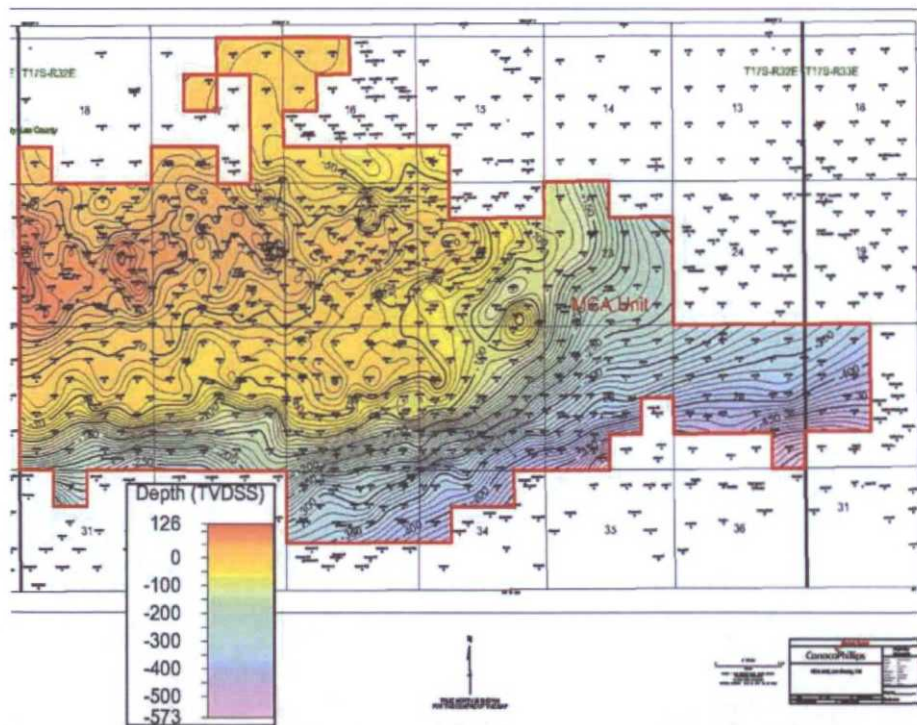
East-southeast dipping structure



Reservoir Distribution

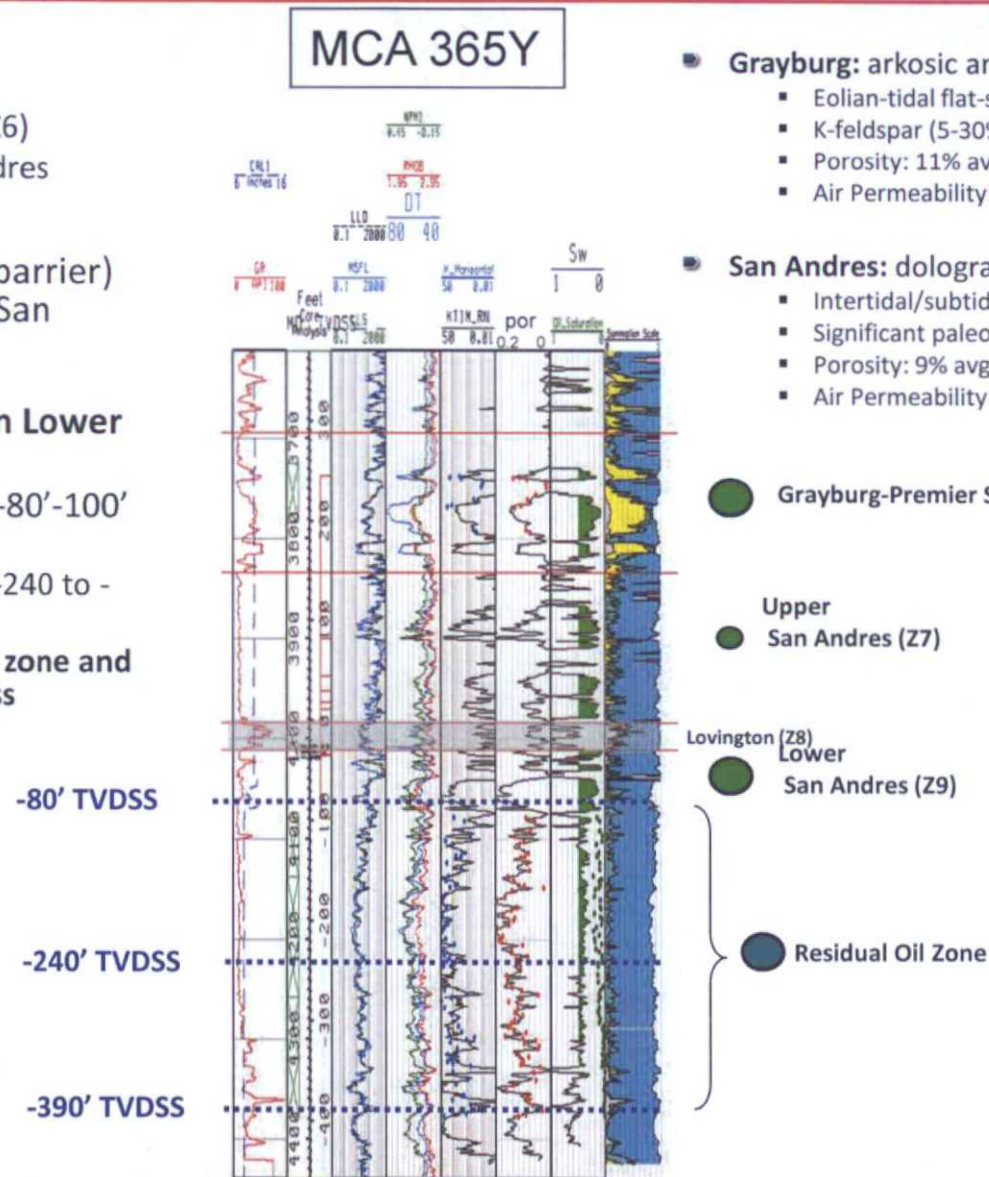
Main Pay:

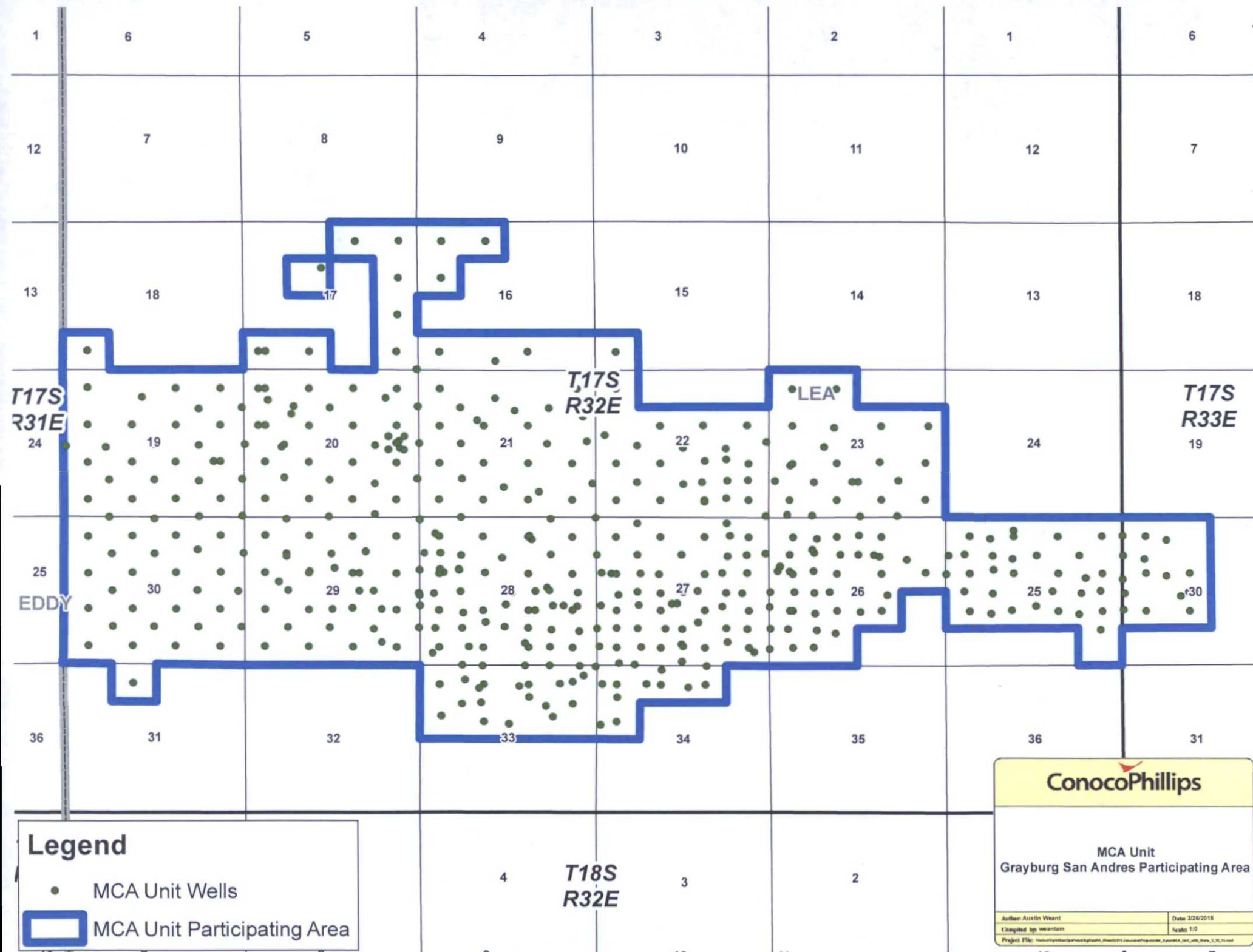
- Premier Sand (Z6) – unit-wide
- Upper San Andres (Z7) – most of unit
- Lower San Andres (Z9) – higher parts of structure



Stratigraphy & Reservoir Characteristics

- Producing intervals:
 - Grayburg Premier Sand (Z6)
 - Upper and Lower San Andres (Z7&Z9)
- Lovington is a baffle (if not barrier) between Upper and Lower San Andres
- Residual Oil Zone present in Lower San Andres (Z9)**
 - Current producing OWC: -80' -100' TVDSS
 - Estimated original OWC: -240 to -390' TVDSS
 - 140' to 310' of transition zone and residual oil zone thickness**







RECEIVED OGD

2016 MAR -7 P 3:42

Cody S. Travers, RPL
Senior Landman
MCBU - NM Permian
600 N. Dairy Ashford
Houston, Texas 77079
Tel: 281-206-5072
Cody.S.Travers@ConocoPhillips.com

March 1, 2016

Bureau of Land Management
Carlsbad Field Office
620 E. Greene St.
Carlsbad, New Mexico 88220-6292

New Mexico State Land Office
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

State of New Mexico
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87504

RE: Maljamar Cooperative Agreement
I-SEC. No. 341, Serial No. NMNM-070987X
2016 Plan of Development
Lea County, New Mexico
ConocoPhillips Contract 101641

ConocoPhillips Company, as Unit Operator of the Maljamar Cooperative Agreement Unit, hereby submits for your approval, our 2016 Plan of Development.

Items are included as follows: Planned 2016 operations; previous year operations; current status of all wells within the unit; production graphs for each productive reservoir. Also attached are three current maps, each showing respectively the units: structural and geologic interpretations; participating area boundaries; wells, flow-lines, and roads.

It is understood that approval of this plan does not approve the work covered by the plan. Individual approval is still required for such items as APDs/ROWS/etc.

Any modifications or additions to this Plan of Development will be filed as supplements to the plan.

Sincerely,

Cody S. Travers, RPL
Senior Landman

2016 Planned Operations:

Staking/Permitting/Drilling

#	Well Name	Well #	Section	Pad	Formation Code	Type
1	MCA	628	19/30	TBD	453GBSA	INJECTOR
2	MCA	629	30	TBD	453GBSA	INJECTOR
3	MCA	630	30	TBD	453GBSA	INJECTOR
4	MCA	631	30	TBD	453GBSA	INJECTOR
5	MCA	632	30	TBD	453GBSA	INJECTOR
6	MCA	633	30	TBD	453GBSA	INJECTOR
7	MCA	634	30	TBD	453GBSA	INJECTOR
8	MCA	621	30	TBD	453GBSA	PRODUCER
9	MCA	622	30	TBD	453GBSA	PRODUCER
10	MCA	636	30	TBD	453GBSA	PRODUCER
11	MCA	637	30	TBD	453GBSA	PRODUCER
12	MCA	638	19/30	TBD	453GBSA	PRODUCER
13	MCA	639	30	TBD	453GBSA	PRODUCER
14	MCA	640	30	TBD	453GBSA	PRODUCER
15	MCA	652	30	TBD	453GBSA	PRODUCER
16	MCA	650	30	TBD	453GBSA	PRODUCER
17	MCA	649	30	TBD	453GBSA	PRODUCER
18	MCA	643	19/30	TBD	453GBSA	INJECTOR
19	MCA	644	30	TBD	453GBSA	INJECTOR
20	MCA	645	30	TBD	453GBSA	INJECTOR
21	MCA	651	30	TBD	453GBSA	INJECTOR
22	MCA	596	26	TBD	453GBSA	INJECTOR
23	MCA	494	23	UL N, T17S-R32E	453GBSA	INJECTOR
24	MCA	509	22	UL O, T17S-R32E	453GBSA	INJECTOR
25	MCA	540	26	UL A, T17S-R32E	453GBSA	PRODUCER
26	MCA	536	26	UL B, T17S-R32E	453GBSA	PRODUCER
27	MCA	538	26	UL B, T17S-R32E	453GBSA	INJECTOR
28	MCA	571	27	UL C, T17S-R32E	453GBSA	INJECTOR
29	MCA	531	27	UL C, T17S-R32E	453GBSA	PRODUCER
30	MCA	573	21	UL P, T17S-R32E	453GBSA	INJECTOR
31	MCA	588	21	UL P, T17S-R32E	453GBSA	INJECTOR
32	MCA	595	21	UL P, T17S-R32E	453GBSA	PRODUCER
33	MCA	517	29	UL K, T17S-R32E	453GBSA	INJECTOR
34	MCA	521	29	UL K, T17S-R32E	453GBSA	PRODUCER
35	MCA	434	29	UL K, T17S-R32E	453GBSA	PRODUCER
36	MCA	518	29	UL K, T17S-R32E	453GBSA	INJECTOR
37	MCA	593	30	UL P, T17S-R32E	453GBSA	PRODUCER
38	MCA	594	30	UL P, T17S-R32E	453GBSA	PRODUCER
39	MCA	585	30	UL P, T17S-R32E	453GBSA	INJECTOR
40	MCA	572	23	UL N, T17S-R32E	453GBSA	INJECTOR
41	MCA	591	23	UL N, T17S-R32E	453GBSA	PRODUCER
42	MCA	592	23	UL N, T17S-R32E	453GBSA	PRODUCER
43	MCA	581	29	UL C, T17S-R32E	453GBSA	INJECTOR
44	MCA	558	29	UL C, T17S-R32E	453GBSA	PRODUCER
45	MCA	500	29	UL C, T17S-R32E	453GBSA	INJECTOR
46	MCA	496	29	UL C, T17S-R32E	453GBSA	INJECTOR
47	MCA	566	29	UL E, T17S-R32E	453GBSA	PRODUCER
48	MCA	563	29	UL E, T17S-R32E	453GBSA	INJECTOR

49	MCA	560	28	UL G, T17S-R32E	453GBSA	INJECTOR
50	MCA	559	28	UL A, T17S-R32E	453GBSA	INJECTOR
51	MCA	556	29	UL D, T17S-R32E	453GBSA	PRODUCER
52	MCA	557	29	UL D, T17S-R32E	453GBSA	PRODUCER
53	MCA	564	29	UL D, T17S-R32E	453GBSA	INJECTOR
54	MCA	565	29	UL D, T17S-R32E	453GBSA	INJECTOR
55	MCA	580	29	UL D, T17S-R32E	453GBSA	PRODUCER
56	MCA	583	29	UL D, T17S-R32E	453GBSA	PRODUCER
57	MCA	550	28	UL H, T17S-R32E	453GBSA	PRODUCER
58	MCA	551	28	UL H, T17S-R32E	453GBSA	PRODUCER
59	MCA	561	28	UL K, T17S-R32E	453GBSA	INJECTOR
60	MCA	562	28	UL K, T17S-R32E	453GBSA	INJECTOR
61	MCA	534	27	UL A, T17S-R32E	453GBSA	PRODUCER
62	MCA	548	27	UL D, T17S-R32E	453GBSA	INJECTOR
63	MCA	549	27	UL D, T17S-R32E	453GBSA	PRODUCER
64	MCA	535	23	UL M, T17S-R32E	453GBSA	INJECTOR

Completions

None

Plug Back

None

Conversion

None

Abandonment

WELL NAME	WELL NO.	API	Completion Date	TWN	RNG	SEC	FORMATION CODE	PRODUCTION STATUS
MCA UNIT	235	300252049600	7/28/1963	17S	32E	28	453GBSA	Shut-In
MCA UNIT	271	300252371500	3/12/1971	17S	32E	20	453GBSA	Shut-In
MCA UNIT	338	300252437600	4/8/1973	17S	32E	22	453GBSA	Shut-In
MCA UNIT	357	300250059600	4/28/1978	17S	32E	28	453GBSA	Shut-In
MCA UNIT	374	300252996700	11/19/1987	17S	32E	20	453GBSA	Shut-In
MCA UNIT	319	3002524213	8/2/1972	17S	32E	29	453GBSA	Shut-In
MCA UNIT	267	300250059600	12/22/1970	17S	32E	17	453GBSA	Pumping
MCA UNIT	066	300250806200	3/1/1939	17S	32E	20	453GBSA	Shut-in
MCA UNIT	396	300253797600	6/17/2007	17S	32E	28	453GBSA	Pumping
MCA UNIT	316	300252418300	7/22/1972	17S	32E	22	453GBSA	Pumping
MCA UNIT	348	300252452700	10/17/1973	17S	32E	27	453GBSA	Pumping

MCA UNIT	284	300252374400	6/25/1971	17S	32E	28	453GBSA	Pumping
MCA UNIT	047	300250060600	3/19/1937	17S	32E	21	453GBSA	Pumping
MCA UNIT	267	300250059600	9/29/1961	17S	32E	17	453GBSA	Pumping
MCA UNIT	320	300252421400	8/6/1972	17S	32E	19	453GBSA	Pumping

Other surface disturbing operations

- MCA CO2 Injection Flowlines, Compression Installation
- Elvis to MCA Station 2 Injection Line Installation

Previous Year Operations (2015):

Drilling

None

Completions

None

Plug Back

None

Conversion

None

Abandonment

WELL NAME	WELL NO.	API	Completion Date	CURRENT ZONE	FORMATION CODE	PRODUCTION STATUS
MCA UNIT	268	3002523705	N/A	17S	453GBSA	P&A
MCA UNIT	411	3002538856	N/A	17S	453GBSA	P&A
MCA UNIT	252	3002523482	N/A	17S	453GBSA	P&A
MCA UNIT	412	3002538980	N/A	17S	453GBSA	P&A
MCA UNIT	408	3002538977	N/A	17S	453GBSA	P&A

Other surface disturbing operations

- MCA Station 2 Injection Centralization

Carry-overs:

The following planned new drills are being carried over from ConocoPhillips 2015 Plan of Development within the MCA Unit.

None

The following planned reworks are being carried over from ConocoPhillips 2015 Plan of Development within the MCA Unit.

None

Status of all Wells within the Unit:

WELL NAME	WELL NO.	API	Completion Date	TWN	RNG	SEC	UL	PA Y/N	FORMATION CODE	PRODUCTION STATUS
MCA UNIT	1	300250058700	4/20/1956	17	32	17	B	Y	453GBSA	P&A
MCA UNIT	2	300250060000	8/15/1944	17	32	17	C	Y	453GBSA	P&A
MCA UNIT	3	300250058200	12/22/1944	17	32	16	D	Y	453GBSA	P&A
MCA UNIT	4	300250058300	4/14/1945	17	32	16	C	Y	453GBSA	P&A
MCA UNIT	5	300250058000	8/15/1941	17	32	16	E	Y	453GBSA	PUMPING
MCA UNIT	6	300250059700	10/14/1941	17	32	17	H	Y	453GBSA	P&A
MCA UNIT	7	300250056800	9/18/1956	17	32	17	F	Y	453GBSA	P&A
MCA UNIT	8	300250059800	4/14/1945	17	32	17	I	Y	453GBSA	PUMPING
MCA UNIT	9	300250055800	5/3/1942	17	32	15	M	Y	453GBSA	P&A
MCA UNIT	10	300251274700	8/15/1973	17	32	16	P	Y	453GBSA	P&A
MCA UNIT	11	300250056700	2/14/1939	17	32	16	N	Y	453GBSA	P&A
MCA UNIT	12	300250057800	2/19/1941	17	32	16	N	Y	453GBSA	P&A
MCA UNIT	13	300250057900	5/12/1941	17	32	16	M	Y	453GBSA	P&A
MCA UNIT	14	300258502000	12/21/1946	17	32	17	P	Y	453GBSA	P&A
MCA UNIT	15	300250058600	9/23/1944	17	32	17	N	Y	453GBSA	P&A
MCA UNIT	16	300250058500	7/31/1943	17	32	17	M	Y	453GBSA	P&A
MCA UNIT	17	300250802700	9/8/1941	17	32	18	M	Y	453GBSA	P&A
MCA UNIT	18	300250803600	9/1/1938	17	32	19	D	Y	453GBSA	P&A

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MCA UNIT	19	300250802800	10/9/1948	17	32	19	C	Y	453GBSA	PUMPING
MCA UNIT	20	300250802900	8/15/1946	17	32	19	B	Y	453GBSA	P&A
MCA UNIT	21	300250803000	10/1/1944	17	32	19	A	Y	453GBSA	PUMPING
MCA UNIT	22	300250805900	5/28/1943	17	32	20	D	Y	453GBSA	P&A
MCA UNIT	23	300250806000	6/23/1944	17	32	20	C	Y	453GBSA	P&A
MCA UNIT	24	300250806100	9/1/1944	17	32	20	B	Y	453GBSA	P&A
MCA UNIT	25	300250805500	8/15/1938	17	32	20	A	Y	453GBSA	P&A
MCA UNIT	26	300250060700	7/12/1938	17	32	21	D	Y	453GBSA	P&A
MCA UNIT	27	300250060100	7/9/1930	17	32	21	C	Y	453GBSA	P&A
MCA UNIT	28	300251270700	11/14/1929	17	32	21	B	Y	453GBSA	P&A
MCA UNIT	29	300251274800	8/23/1926	17	32	21	A	Y	453GBSA	P&A
MCA UNIT	30	300250062400	9/24/1938	17	32	22	D	Y	453GBSA	P&A
MCA UNIT	31	300250065300	8/23/1941	17	32	23	D	Y	453GBSA	P&A
MCA UNIT	32	300250065200	12/30/1941	17	32	23	C	Y	453GBSA	P&A
MCA UNIT	33	300250065500	8/25/1944	17	32	23	G	Y	453GBSA	P&A
MCA UNIT	34	300250065800	1/15/1945	17	32	23	F	Y	453GBSA	P&A
MCA UNIT	35	300250065000	3/1/1941	17	32	23	E	Y	453GBSA	P&A
MCA UNIT	36	300250062900	4/27/1941	17	32	22	H	Y	453GBSA	P&A
MCA UNIT	37	300250063300	9/30/1944	17	32	22	G	Y	453GBSA	P&A
MCA UNIT	38	300251278000	9/28/1946	17	32	22	F	Y	453GBSA	P&A
MCA UNIT	39	300250063200	10/30/1944	17	32	22	F	Y	453GBSA	P&A
MCA UNIT	40	300250063500	7/22/1952	17	32	22	E	Y	453GBSA	P&A
MCA UNIT	41	300251279700	3/20/1952	17	32	21	H	Y	453GBSA	P&A
MCA UNIT	42	300250060200	1/28/1935	17	32	21	H	Y	453GBSA	P&A
MCA UNIT	43	300250060300	12/18/1935	17	32	21	G	Y	453GBSA	PUMPING
MCA UNIT	44	300251276300	11/19/1946	17	32	21	F	Y	453GBSA	PUMPING
MCA UNIT	45	300250060500	12/16/1936	17	32	21	F	Y	453GBSA	P&A
MCA UNIT	46	300250803100	2/1/1949	17	32	21	E	Y	453GBSA	PUMPING
MCA UNIT	47	300250060600	3/19/1937	17	32	21	E	Y	453GBSA	PUMPING
MCA UNIT	48	300250805400	8/11/1937	17	32	20	H	Y	453GBSA	P&A
MCA UNIT	49	300250805600	2/13/1939	17	32	20	G	Y	453GBSA	P&A

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MCA UNIT	50	300250805700	11/7/1941	17	32	20	F	Y	453GBSA	P&A
MCA UNIT	51	300250805800	3/19/1942	17	32	20	E	Y	453GBSA	P&A
MCA UNIT	52	300250803700	5/25/1942	17	32	19	H	Y	453GBSA	P&A
MCA UNIT	53	300250803800	8/5/1942	17	32	19	G	Y	453GBSA	P&A
MCA UNIT	54	300250803900	11/14/1942	17	32	19	F	Y	453GBSA	P&A
MCA UNIT	55	300250804000	4/21/1941	17	32	19	E	Y	453GBSA	P&A
MCA UNIT	56	300250804600	6/22/1941	17	32	19	L	Y	453GBSA	P&A
MCA UNIT	57	300250804400	9/21/1942	17	32	19	K	Y	453GBSA	P&A
MCA UNIT	58	300251277000	10/9/1946	17	32	19	J	Y	453GBSA	P&A
MCA UNIT	59	300250804200	7/19/1942	17	32	19	J	Y	453GBSA	P&A
MCA UNIT	60	300250803500	5/19/1942	17	32	19	I	Y	453GBSA	P&A
MCA UNIT	61	300251277100	2/14/1951	17	32	20	L	Y	453GBSA	P&A
MCA UNIT	62	300250806800	3/6/1942	17	32	20	L	Y	453GBSA	P&A
MCA UNIT	63	300250806600	11/10/1941	17	32	20	K	Y	453GBSA	P&A
MCA UNIT	64	300251277200	12/1/1948	17	32	20	K	Y	453GBSA	P&A
MCA UNIT	65	300250806400	12/15/1939	17	32	20	J	Y	453GBSA	P&A
MCA UNIT	66	300250806200	3/1/1939	17	32	20	I	Y	453GBSA	P&A
MCA UNIT	67	300250061000	4/23/1941	17	32	21	L	Y	453GBSA	INJECTION
MCA UNIT	68	300250061500	10/3/1949	17	32	21	K	Y	453GBSA	P&A
MCA UNIT	69	300250061100	9/27/1942	17	32	21	K	Y	453GBSA	PUMPING
MCA UNIT	70	300250060400	6/12/1936	17	32	21	J	Y	453GBSA	P&A
MCA UNIT	71	300250061200	6/29/1942	17	32	21	I	Y	453GBSA	PUMPING
MCA UNIT	72	300250063000	4/20/1942	17	32	22	L	Y	453GBSA	P&A
MCA UNIT	73	300250063100	6/1/1944	17	32	22	K	Y	453GBSA	PUMPING
MCA UNIT	74	300250062700	7/29/1940	17	32	22	J	Y	453GBSA	INJECTION
MCA UNIT	75	300251271100	5/17/1940	17	32	22	I	Y	453GBSA	PUMPING
MCA UNIT	76	300250065900	6/9/1940	17	32	23	L	Y	453GBSA	P&A
MCA UNIT	77	300250064600	9/25/1941	17	32	23	K	Y	453GBSA	P&A
MCA UNIT	78	300250064800	6/30/1944	17	32	23	J	Y	453GBSA	P&A
MCA UNIT	79	300250064700	12/30/1941	17	32	23	I	Y	453GBSA	P&A
MCA UNIT	80	300250065600	3/19/1942	17	32	23	P	Y	453GBSA	P&A

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MCA UNIT	81	300250065700	1/28/1944	17	32	23	O	Y	453GBSA	P&A
MCA UNIT	82	300250064400	3/12/1940	17	32	23	N	Y	453GBSA	P&A
MCA UNIT	83	300250064900	9/30/1958	17	32	23	M	Y	453GBSA	PUMPING
MCA UNIT	84	300250063900	1/15/1940	17	32	22	P	Y	453GBSA	INJECTION
MCA UNIT	85	300250064000	4/25/1940	17	32	22	O	Y	453GBSA	P&A
MCA UNIT	86	300251279500	1/18/1956	17	32	22	P	Y	453GBSA	PUMPING
MCA UNIT	87	300250062600	6/18/1940	17	32	22	N	Y	453GBSA	P&A
MCA UNIT	88	300250062800	12/26/1940	17	32	22	M	Y	453GBSA	PUMPING
MCA UNIT	89	300251279600	8/27/1947	17	32	22	M	Y	453GBSA	P&A
MCA UNIT	90	300250061600	12/22/1940	17	32	21	P	Y	453GBSA	P&A
MCA UNIT	91	300250061700	12/30/1940	17	32	21	O	Y	453GBSA	P&A
MCA UNIT	92	300250060900	12/13/1940	17	32	21	N	Y	453GBSA	PUMPING
MCA UNIT	93	300250060800	8/7/1940	17	32	21	M	Y	453GBSA	PUMPING
MCA UNIT	94	300250806300	9/6/1939	17	32	20	P	Y	453GBSA	INJECTION
MCA UNIT	95	300250806500	6/26/1940	17	32	20	O	Y	453GBSA	PUMPING
MCA UNIT	96	300251275500	2/4/1949	17	32	20	N	Y	453GBSA	PUMPING
MCA UNIT	97	300250806700	4/4/1941	17	32	20	N	Y	453GBSA	P&A
MCA UNIT	98	300250806900	3/10/1941	17	32	20	M	Y	453GBSA	P&A
MCA UNIT	99	300251276400	1/7/1947	17	32	19	P	Y	453GBSA	P&A
MCA UNIT	100	300250804100	9/6/1941	17	32	19	P	Y	453GBSA	P&A
MCA UNIT	101	300250804300	11/15/1941	17	32	19	O	Y	453GBSA	P&A
MCA UNIT	102	300251257900	3/23/1943	17	32	19	N	Y	453GBSA	P&A
MCA UNIT	103	300250804700	1/10/1942	17	32	19	M	Y	453GBSA	PUMPING
MCA UNIT	104	300250077700	9/2/1942	17	32	30	D	Y	453GBSA	P&A
MCA UNIT	105	300250077800	1/23/1943	17	32	30	C	Y	453GBSA	P&A
MCA UNIT	106	300251276200	7/21/1949	17	32	30	C	Y	453GBSA	P&A
MCA UNIT	107	300250076900	12/1/1940	17	32	30	B	Y	453GBSA	P&A
MCA UNIT	108	300250078300	7/24/1940	17	32	30	A	Y	453GBSA	PUMPING
MCA UNIT	109	300250075900	10/1/1940	17	32	29	D	Y	453GBSA	INJECTION
MCA UNIT	110	300250075800	10/1/1940	17	32	29	C	Y	453GBSA	P&A
MCA UNIT	111	300250076700	2/14/1940	17	32	29	B	Y	453GBSA	INJECTION

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MCA UNIT	112	300250075200	6/8/1939	17	32	29	A	Y	453GBSA	P&A
MCA UNIT	113	300251280400	12/1/1959	17	32	28	D	Y	453GBSA	PUMPING
MCA UNIT	114	300250073300	11/12/1939	17	32	28	D	Y	453GBSA	PUMPING
MCA UNIT	115	300250073400	9/1/1940	17	32	28	C	Y	453GBSA	PUMPING
MCA UNIT	116	300251276900	1/30/1989	17	32	28	B	Y	453GBSA	PUMPING
MCA UNIT	117	300250073700	8/29/1940	17	32	28	B	Y	453GBSA	P&A
MCA UNIT	118	300250073800	9/1/1940	17	32	28	A	Y	453GBSA	PUMPING
MCA UNIT	119	300250072600	7/14/1940	17	32	27	D	Y	453GBSA	P&A
MCA UNIT	120	300250072000	4/15/1940	17	32	27	C	Y	453GBSA	PUMPING
MCA UNIT	121	300250071500	3/14/1940	17	32	27	B	Y	453GBSA	INJECTION
MCA UNIT	122	300250071600	7/8/1939	17	32	27	A	Y	453GBSA	PUMPING
MCA UNIT	123	300250070500	11/13/1939	17	32	26	D	Y	453GBSA	INJECTION
MCA UNIT	124	300250070600	10/8/1940	17	32	26	C	Y	453GBSA	P&A
MCA UNIT	125	300250070000	3/25/1943	17	32	26	B	Y	453GBSA	P&A
MCA UNIT	126	300251270900	12/31/1941	17	32	26	A	Y	453GBSA	PUMPING
MCA UNIT	127	300250067800	5/12/1942	17	32	25	D	Y	453GBSA	INJECTION
MCA UNIT	128	300250069400	1/23/1949	17	32	25	F	Y	453GBSA	PUMPING
MCA UNIT	129	300250067900	5/12/1942	17	32	25	C	Y	453GBSA	P&A
MCA UNIT	130	300251270800	11/20/1948	17	32	25	G	Y	453GBSA	PUMPING
MCA UNIT	131	300250068200	9/22/1942	17	32	25	B	Y	453GBSA	INJECTION
MCA UNIT	132	300250068400	12/23/1942	17	32	25	A	Y	453GBSA	P&A
MCA UNIT	133	300250156000	5/16/1943	17	33	30	D	Y	453GBSA	P&A
MCA UNIT	134	300251270100	1/14/1944	17	33	30	C	Y	453GBSA	P&A
MCA UNIT	135	300250156400	9/11/1943	17	33	30	F	Y	453GBSA	P&A
MCA UNIT	136	300250156100	5/13/1943	17	33	30	E	Y	453GBSA	PUMPING
MCA UNIT	137	300250068500	1/6/1943	17	32	25	H	Y	453GBSA	INJECTION
MCA UNIT	138	300250068300	10/25/1942	17	32	25	G	Y	453GBSA	PUMPING
MCA UNIT	139	300250068100	8/29/1942	17	32	25	F	Y	453GBSA	INJECTION
MCA UNIT	140	300250068000	7/31/1942	17	32	25	E	Y	453GBSA	PUMPING
MCA UNIT	141	300250069700	8/26/1943	17	32	26	H	Y	453GBSA	INJECTION
MCA UNIT	142	300250069900	2/12/1942	17	32	26	G	Y	453GBSA	PUMPING

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MCA UNIT	143	300250071200	10/21/1941	17	32	26	F	Y	453GBSA	P&A
MCA UNIT	144	300250071100	4/20/1940	17	32	26	E	Y	453GBSA	P&A
MCA UNIT	145	300250071400	2/27/1940	17	32	27	H	Y	453GBSA	INJECTION
MCA UNIT	146	300250071700	12/6/1939	17	32	27	G	Y	453GBSA	PUMPING
MCA UNIT	147	300250071900	2/4/1940	17	32	27	F	Y	453GBSA	P&A
MCA UNIT	148	300250072200	5/10/1940	17	32	27	E	Y	453GBSA	P&A
MCA UNIT	149	300251279200	3/7/1947	17	32	27	E	Y	453GBSA	PUMPING
MCA UNIT	150	300250074000	11/9/1940	17	32	28	H	Y	453GBSA	INJECTION
MCA UNIT	151	300250073900	9/1/1940	17	32	28	G	Y	453GBSA	PUMPING
MCA UNIT	152	300250073600	8/15/1940	17	32	28	F	Y	453GBSA	INJECTION
MCA UNIT	153	300250073500	7/24/1940	17	32	28	E	Y	453GBSA	P&A
MCA UNIT	154	300250075300	8/20/1940	17	32	29	H	Y	453GBSA	INJECTION
MCA UNIT	155	300250076800	5/4/1940	17	32	29	G	Y	453GBSA	P&A
MCA UNIT	156	300251275600	4/19/1949	17	32	29	F	Y	453GBSA	P&A
MCA UNIT	157	300250076000	10/9/1940	17	32	29	F	Y	453GBSA	P&A
MCA UNIT	158	300250076100	12/6/1940	17	32	29	E	Y	453GBSA	P&A
MCA UNIT	159	300250078400	10/17/1940	17	32	30	H	Y	453GBSA	P&A
MCA UNIT	160	300250077000	2/26/1941	17	32	30	G	Y	453GBSA	P&A
MCA UNIT	161	300251278100	5/16/1951	17	32	30	J	Y	453GBSA	P&A
MCA UNIT	162	300250078000	9/11/1947	17	32	30	F	Y	453GBSA	P&A
MCA UNIT	163	300250077900	7/5/1945	17	32	30	E	Y	453GBSA	PUMPING
MCA UNIT	164	300250077100	7/14/1945	17	32	30	L	Y	453GBSA	P&A
MCA UNIT	165	300250077200	5/9/1941	17	32	30	K	Y	453GBSA	PUMPING
MCA UNIT	166	300250077600	7/19/1941	17	32	30	J	Y	453GBSA	P&A
MCA UNIT	167	300250077500	2/20/1941	17	32	30	I	Y	453GBSA	PUMPING
MCA UNIT	168	300251279800	6/20/1950	17	32	30	I	Y	453GBSA	PUMPING
MCA UNIT	169	300250075500	4/28/1941	17	32	29	L	Y	453GBSA	INJECTION
MCA UNIT	170	300250075400	2/8/1941	17	32	29	K	Y	453GBSA	PUMPING
MCA UNIT	171	300250076400	5/18/1941	17	32	29	J	Y	453GBSA	INJECTION
MCA UNIT	172	300250076600	9/20/1949	17	32	29	O	Y	453GBSA	PUMPING
MCA UNIT	173	300250076200	2/28/1941	17	32	29	I	Y	453GBSA	PUMPING

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MCA UNIT	174	300251279400	3/10/1969	17	32	28	L	Y	453GBSA	P&A
MCA UNIT	175	300250074100	10/12/1940	17	32	28	L	Y	453GBSA	P&A
MCA UNIT	176	300250074200	10/31/1940	17	32	28	K	Y	453GBSA	PUMPING
MCA UNIT	177	300252148900	10/1/1966	17	32	28	J	Y	453GBSA	PUMPING
MCA UNIT	178	300250074300	12/13/1940	17	32	28	J	Y	453GBSA	P&A
MCA UNIT	179	300250074400	11/1/1940	17	32	28	I	Y	453GBSA	P&A
MCA UNIT	180	300250072800	10/1/1940	17	32	27	L	Y	453GBSA	INJECTION
MCA UNIT	181	300250072400	6/15/1940	17	32	27	K	Y	453GBSA	PUMPING
MCA UNIT	182	300251279300	12/22/1969	17	32	27	J	Y	453GBSA	P&A
MCA UNIT	183	300250073000	2/26/1948	17	32	27	O	Y	453GBSA	PUMPING
MCA UNIT	184	300250071800	2/27/1940	17	32	27	J	Y	453GBSA	INJECTION
MCA UNIT	185	300250073200	12/25/1954	17	32	27	J	Y	453GBSA	PUMPING
MCA UNIT	186	300250072100	5/19/1940	17	32	27	I	Y	453GBSA	P&A
MCA UNIT	187	300250070400	10/25/1940	17	32	26	L	Y	453GBSA	P&A
MCA UNIT	188	300250070900	7/27/1941	17	32	26	K	Y	453GBSA	P&A
MCA UNIT	189	300250070100	12/19/1940	17	32	26	J	Y	453GBSA	INJECTION
MCA UNIT	190	300250069000	6/25/1943	17	32	25	L	Y	453GBSA	P&A
MCA UNIT	191	300250069300	12/6/1948	17	32	25	K	Y	453GBSA	PUMPING
MCA UNIT	192	300250068900	5/20/1943	17	32	25	K	Y	453GBSA	PUMPING
MCA UNIT	193	300250069200	10/20/1948	17	32	25	J	Y	453GBSA	PUMPING
MCA UNIT	194	300250068700	3/15/1943	17	32	25	J	Y	453GBSA	P&A
MCA UNIT	195	300250069100	10/1/1948	17	32	25	I	Y	453GBSA	P&A
MCA UNIT	196	300250068600	2/19/1943	17	32	25	I	Y	453GBSA	PUMPING
MCA UNIT	197	300250833600	1/21/1949	17	33	30	L	Y	453GBSA	P&A
MCA UNIT	198	300250156200	6/6/1943	17	33	30	L	Y	453GBSA	P&A
MCA UNIT	199	300250156300	6/30/1943	17	33	30	K	Y	453GBSA	P&A
MCA UNIT	200	300250068800	5/19/1943	17	32	25	P	Y	453GBSA	P&A
MCA UNIT	201	300250071000	10/10/1948	17	32	26	N	Y	453GBSA	P&A
MCA UNIT	202	300250070700	4/3/1941	17	32	26	M	Y	453GBSA	P&A
MCA UNIT	203	300250072500	10/25/1940	17	32	27	P	Y	453GBSA	P&A
MCA UNIT	204	300250072300	7/13/1940	17	32	27	O	Y	453GBSA	PUMPING

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MCA UNIT	205	300250072700	12/10/1940	17	32	27	N	Y	453GBSA	P&A
MCA UNIT	206	300250072900	12/6/1940	17	32	27	M	Y	453GBSA	PUMPING
MCA UNIT	207	300250074600	12/27/1940	17	32	28	P	Y	453GBSA	P&A
MCA UNIT	208	300250074700	1/25/1941	17	32	28	O	Y	453GBSA	P&A
MCA UNIT	209	300250074800	12/30/1940	17	32	28	N	Y	453GBSA	P&A
MCA UNIT	210	300250074900	12/26/1940	17	32	28	M	Y	453GBSA	P&A
MCA UNIT	211	300250076300	6/19/1941	17	32	29	P	Y	453GBSA	INJECTION
MCA UNIT	212	300250076500	8/28/1941	17	32	29	O	Y	453GBSA	PUMPING
MCA UNIT	213	300250075700	10/23/1941	17	32	29	N	Y	453GBSA	P&A
MCA UNIT	214	300250075600	9/18/1941	17	32	29	M	Y	453GBSA	P&A
MCA UNIT	215	300250078100	8/20/1947	17	32	30	P	Y	453GBSA	P&A
MCA UNIT	216	300250078200	1/22/1950	17	32	30	O	Y	453GBSA	P&A
MCA UNIT	217	300250077400	1/24/1950	17	32	30	N	Y	453GBSA	P&A
MCA UNIT	218	300250077300	10/12/1949	17	32	30	M	Y	453GBSA	PUMPING
MCA UNIT	219	300250078500	4/5/1950	17	32	31	C	Y	453GBSA	PUMPING
MCA UNIT	220	300250079800	10/1/1939	17	32	33	D	Y	453GBSA	P&A
MCA UNIT	221	300250079900	3/28/1941	17	32	33	C	Y	453GBSA	P&A
MCA UNIT	222	300251278500	2/5/1960	17	32	33	B	Y	453GBSA	PUMPING
MCA UNIT	223	300250080000	3/1/1941	17	32	33	B	Y	453GBSA	INJECTION
MCA UNIT	224	300250080100	2/17/1941	17	32	33	A	Y	453GBSA	P&A
MCA UNIT	225	300251278200	8/20/1954	17	32	34	D	Y	453GBSA	PUMPING
MCA UNIT	226	300250081700	4/23/1941	17	32	34	D	Y	453GBSA	P&A
MCA UNIT	227	300250081800	9/10/1941	17	32	34	C	Y	453GBSA	P&A
MCA UNIT	228	300250081900	5/19/1941	17	32	34	B	Y	453GBSA	P&A
MCA UNIT	229	300250082000	8/21/1941	17	32	34	E	Y	453GBSA	P&A
MCA UNIT	230	300250080900	3/31/1941	17	32	33	G	Y	453GBSA	P&A
MCA UNIT	231	300250080300	8/16/1954	17	32	33	G	Y	453GBSA	PUMPING
MCA UNIT	232	300250080700	1/2/1946	17	32	33	F	Y	453GBSA	P&A
MCA UNIT	233	300250080800	1/10/1946	17	32	33	E	Y	453GBSA	PUMPING
MCA UNIT	234	300252052200	7/26/1963	17	32	21	M	Y	453GBSA	PUMPING
MCA UNIT	235	300252049600	7/28/1963	17	32	28	F	Y	453GBSA	P&A

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MCA UNIT	242	300252224700	11/26/1967	17	32	19	L	Y	453GBSA	P&A
MCA UNIT	245	300252266100	8/31/1968	17	32	21	A	Y	453GBSA	PUMPING
MCA UNIT	246	300253615600	11/4/1950	17	32	17	P	Y	453GBSA	P&A
MCA UNIT	247	300252270000	8/29/1968	17	32	23	H	Y	453GBSA	P&A
MCA UNIT	249	300250070800	2/20/1943	17	32	26	N	Y	453GBSA	P&A
MCA UNIT	251	300252343300	2/27/1970	17	32	21	N	Y	453GBSA	PUMPING
MCA UNIT	252	300252348200	5/3/1970	17	32	28	D	Y	453GBSA	PUMPING
MCA UNIT	253	300250805200	7/30/1961	17	32	20	E	Y	453GBSA	P&A
MCA UNIT	254	300252348700	5/17/1970	17	32	28	O	Y	453GBSA	PUMPING
MCA UNIT	255	300250804900	9/20/1960	17	32	20	C	Y	453GBSA	P&A
MCA UNIT	256	300252350900	6/6/1970	17	32	20	I	Y	453GBSA	P&A
MCA UNIT	257	300250805000	12/18/1960	17	32	20	F	Y	453GBSA	P&A
MCA UNIT	258	300252023100	12/31/1963	17	32	20	A	Y	453GBSA	P&A
MCA UNIT	259	300250803200	5/1/1950	17	32	19	I	Y	453GBSA	P&A
MCA UNIT	260	300252356900	8/23/1970	17	32	28	F	Y	453GBSA	PUMPING
MCA UNIT	261	300252355900	8/17/1970	17	32	28	N	Y	453GBSA	PUMPING
MCA UNIT	262	300252366000	1/15/1971	17	32	21	E	Y	453GBSA	P&A
MCA UNIT	263	300252367200	1/25/1971	17	32	20	E	Y	453GBSA	P&A
MCA UNIT	264	300252367300	2/15/1971	17	32	19	I	Y	453GBSA	PUMPING
MCA UNIT	265	300252368600	2/21/1971	17	32	20	L	Y	453GBSA	PUMPING
MCA UNIT	266	300252368700	3/24/1971	17	32	20	K	Y	453GBSA	PUMPING
MCA UNIT	267	300250059600	10/12/1962	17	32	17	M	Y	453GBSA	PUMPING
MCA UNIT	268	300252370500	4/30/1971	17	32	28	K	Y	453GBSA	P&A
MCA UNIT	269	300252370600	3/25/1971	17	32	20	P	Y	453GBSA	PUMPING
MCA UNIT	270	300252370700	3/6/1971	17	32	29	F	Y	453GBSA	PUMPING
MCA UNIT	271	300252371500	3/12/1971	17	32	20	A	Y	453GBSA	P&A
MCA UNIT	273	300252373000	4/27/1971	17	32	26	L	Y	453GBSA	INJECTION
MCA UNIT	274	300252373100	4/1/1971	17	32	28	A	Y	453GBSA	PUMPING
MCA UNIT	275	300252373800	4/18/1971	17	32	33	H	Y	453GBSA	PUMPING
MCA UNIT	276	300252373200	4/8/1971	17	32	19	P	Y	453GBSA	PUMPING
MCA UNIT	277	300252373300	4/17/1971	17	32	29	B	Y	453GBSA	P&A

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MCA UNIT	278	300252393000	12/16/1971	17	32	30	G	Y	453GBSA	P&A
MCA UNIT	279	300252373900	4/25/1971	17	32	19	P	Y	453GBSA	P&A
MCA UNIT	280	300252374000	4/26/1971	17	32	28	G	Y	453GBSA	P&A
MCA UNIT	281	300252374100	5/2/1971	17	32	29	D	Y	453GBSA	PUMPING
MCA UNIT	282	300252384600	8/23/1971	17	32	27	C	Y	453GBSA	PUMPING
MCA UNIT	283	300252374300	5/12/1971	17	32	19	I	Y	453GBSA	PUMPING
MCA UNIT	284	300252374400	6/25/1971	17	32	28	E	Y	453GBSA	PUMPING
MCA UNIT	285	300252374500	5/13/1971	17	32	19	J	Y	453GBSA	PUMPING
MCA UNIT	286	300252384800	8/27/1971	17	32	19	M	Y	453GBSA	PUMPING
MCA UNIT	287	300252380700	7/27/1971	17	32	20	I	Y	453GBSA	PUMPING
MCA UNIT	288	300252377800	6/1/1971	17	32	29	D	Y	453GBSA	P&A
MCA UNIT	289	300252378900	6/21/1971	17	32	30	B	Y	453GBSA	P&A
MCA UNIT	290	300252379800	8/2/1971	17	32	29	D	Y	453GBSA	P&A
MCA UNIT	291	300252383600	8/13/1971	17	32	19	L	Y	453GBSA	P&A
MCA UNIT	292	300252392000	11/25/1971	17	32	27	D	Y	453GBSA	P&A
MCA UNIT	293	300252376700	5/26/1971	17	32	29	K	Y	453GBSA	P&A
MCA UNIT	294	300252379700	8/2/1971	17	32	29	K	Y	453GBSA	PUMPING
MCA UNIT	295	300252382400	12/24/1971	17	32	30	I	Y	453GBSA	PUMPING
MCA UNIT	296	300252379000	7/5/1971	17	32	28	K	Y	453GBSA	PUMPING
MCA UNIT	297	300252385500	9/9/1971	17	32	30	F	Y	453GBSA	P&A
MCA UNIT	298	300252382500	7/28/1971	17	32	19	H	Y	453GBSA	P&A
MCA UNIT	299	300252393800	12/27/1971	17	32	27	D	Y	453GBSA	PUMPING
MCA UNIT	300	300252398400	12/31/1971	17	32	33	C	Y	453GBSA	PUMPING
MCA UNIT	301	300252422600	9/18/1972	17	32	28	J	Y	453GBSA	INJECTION
MCA UNIT	302	300252429800	12/26/1972	17	32	27	P	Y	453GBSA	P&A
MCA UNIT	303	300250805300	7/7/1959	17	32	20	J	Y	453GBSA	P&A
MCA UNIT	304	300252400900	1/13/1972	17	32	30	I	Y	453GBSA	PUMPING
MCA UNIT	305	300252405600	5/30/1972	17	32	30	J	Y	453GBSA	PUMPING
MCA UNIT	306	300252405700	4/24/1972	17	32	30	B	Y	453GBSA	PUMPING
MCA UNIT	307	300252405800	4/21/1972	17	32	27	A	Y	453GBSA	P&A
MCA UNIT	308	300252407600	5/9/1972	17	32	29	G	Y	453GBSA	PUMPING

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MCA UNIT	309	300252409500	5/27/1972	17	32	19	B	Y	453GBSA	P&A
MCA UNIT	310	300252410800	6/10/1972	17	32	30	C	Y	453GBSA	PUMPING
MCA UNIT	311	300252410100	6/7/1972	17	32	26	C	Y	453GBSA	P&A
MCA UNIT	312	300252410900	5/23/1972	17	32	22	H	Y	453GBSA	PUMPING
MCA UNIT	313	300252412100	7/27/1972	17	32	25	C	Y	453GBSA	PUMPING
MCA UNIT	314	300252412700	6/19/1972	17	32	27	E	Y	453GBSA	PUMPING
MCA UNIT	315	300252412800	6/30/1972	17	32	27	L	Y	453GBSA	P&A
MCA UNIT	316	300252418300	7/22/1972	17	32	22	M	Y	453GBSA	PUMPING
MCA UNIT	317	300252418600	7/30/1972	17	32	27	D	Y	453GBSA	PUMPING
MCA UNIT	318	300252419600	8/24/1972	17	32	28	A	Y	453GBSA	PUMPING
MCA UNIT	319	300252421300	8/2/1972	17	32	29	G	Y	453GBSA	PUMPING
MCA UNIT	320	300252421400	8/25/1972	17	32	19	L	Y	453GBSA	PUMPING
MCA UNIT	321	300252423300	9/13/1972	17	32	27	L	Y	453GBSA	PUMPING
MCA UNIT	322	300252421800	8/30/1972	17	32	26	E	Y	453GBSA	PUMPING
MCA UNIT	323	300252423400	10/5/1972	17	32	30	K	Y	453GBSA	PUMPING
MCA UNIT	324	300252423500	10/18/1972	17	32	28	L	Y	453GBSA	PUMPING
MCA UNIT	325	300252423600	9/24/1972	17	32	22	I	Y	453GBSA	PUMPING
MCA UNIT	326	300252425800	10/26/1972	17	32	21	P	Y	453GBSA	PUMPING
MCA UNIT	327	300252427400	12/1/1972	17	32	22	O	Y	453GBSA	PUMPING
MCA UNIT	328	300252426700	10/29/1972	17	32	21	O	Y	453GBSA	PUMPING
MCA UNIT	329	300252427500	11/22/1972	17	32	27	J	Y	453GBSA	PUMPING
MCA UNIT	330	300252427100	11/13/1972	17	32	23	M	Y	453GBSA	PUMPING
MCA UNIT	331	300250805100	7/30/1961	17	32	20	D	Y	453GBSA	INJECTION
MCA UNIT	332	300252434900	2/7/1973	17	32	28	O	Y	453GBSA	PUMPING
MCA UNIT	333	300252435200	2/13/1973	17	32	28	P	Y	453GBSA	PUMPING
MCA UNIT	334	300252436800	2/24/1973	17	32	25	E	Y	453GBSA	PUMPING
MCA UNIT	335	300252436900	3/2/1973	17	32	27	H	Y	453GBSA	PUMPING
MCA UNIT	336	300252437000	3/7/1973	17	32	23	L	Y	453GBSA	P&A
MCA UNIT	337	300252437500	3/25/1973	17	32	27	H	Y	453GBSA	PUMPING
MCA UNIT	338	300252437600	4/8/1973	17	32	22	L	Y	453GBSA	P&A
MCA UNIT	339	300252437700	3/30/1973	17	32	23	N	Y	453GBSA	P&A

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MCA UNIT	340	300252446100	8/21/1973	17	32	21	G	Y	453GBSA	P&A
MCA UNIT	341	300252446200	8/16/1973	17	32	22	P	Y	453GBSA	PUMPING
MCA UNIT	342	300252446300	9/10/1973	17	32	26	D	Y	453GBSA	P&A
MCA UNIT	343	300252448300	9/12/1973	17	32	26	F	Y	453GBSA	PUMPING
MCA UNIT	344	300252449800	9/13/1973	17	32	25	G	Y	453GBSA	PUMPING
MCA UNIT	345	300252449900	10/18/1973	17	32	22	J	Y	453GBSA	P&A
MCA UNIT	346	300252451300	10/3/1973	17	32	27	M	Y	453GBSA	PUMPING
MCA UNIT	347	300252451500	10/15/1973	17	32	27	A	Y	453GBSA	PUMPING
MCA UNIT	348	300252452700	10/17/1973	17	32	27	I	Y	453GBSA	PUMPING
MCA UNIT	349	300252454500	10/22/1987	17	32	23	M	Y	453GBSA	P&A
MCA UNIT	350	300252454600	11/5/1973	17	32	26	L	Y	453GBSA	P&A
MCA UNIT	351	300252454700	11/28/1973	17	32	26	H	Y	453GBSA	PUMPING
MCA UNIT	352	300252457400	1/12/1974	17	32	25	H	Y	453GBSA	PUMPING
MCA UNIT	353	300252458300	12/2/1973	17	32	27	N	Y	453GBSA	PUMPING
MCA UNIT	354	300252459900	12/13/1973	17	32	23	O	Y	453GBSA	PUMPING
MCA UNIT	355	300250061400	5/1/1954	17	32	21	F	Y	453GBSA	P&A
MCA UNIT	356	300250069500	10/2/1949	17	32	25	P	Y	453GBSA	P&A
MCA UNIT	357	300252584900	6/4/1978	17	32	28	M	Y	453GBSA	PUMPING
MCA UNIT	358	300252660600	11/12/1980	17	32	20	H	Y	453GBSA	P&A
MCA UNIT	359	300252707600	10/15/1981	17	32	20	H	Y	453GBSA	P&A
MCA UNIT	360	300252706300	10/5/1981	17	32	20	H	Y	453GBSA	P&A
MCA UNIT	361	300252706400	7/24/1981	17	32	20	I	Y	453GBSA	P&A
MCA UNIT	362	300252706500	7/30/1981	17	32	20	I	Y	453GBSA	P&A
MCA UNIT	363	300252706600	6/20/1981	17	32	20	J	Y	453GBSA	P&A
MCA UNIT	364	300252706700	7/17/1981	17	32	20	I	Y	453GBSA	P&A
MCA UNIT	365	300252898800	12/26/1984	17	32	29	B	Y	453GBSA	P&A
MCA UNIT	366	300252942700	12/14/1985	17	32	26	D	Y	453GBSA	PUMPING
MCA UNIT	367	300252985500	5/29/1987	17	32	23	O	Y	453GBSA	PUMPING
MCA UNIT	368	300252985400	5/29/1987	17	32	21	G	Y	453GBSA	PUMPING
MCA UNIT	369	300252985300	4/13/1987	17	32	29	E	Y	453GBSA	PUMPING
MCA UNIT	370	300252985200	5/20/1987	17	32	33	G	Y	453GBSA	P&A

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MCA UNIT	371	300252995500	10/7/1987	17	32	33	F	Y	453GBSA	P&A
MCA UNIT	372	300252995600	10/11/1987	17	32	20	P	Y	453GBSA	PUMPING
MCA UNIT	373	300252995900	11/7/1987	17	32	21	E	Y	453GBSA	P&A
MCA UNIT	374	300252996700	11/19/1987	17	32	20	L	Y	453GBSA	PA'd
MCA UNIT	375	300253011400	11/24/1987	17	32	23	J	Y	453GBSA	PUMPING
MCA UNIT	376	300253012700	1/22/1988	17	32	23	N	Y	453GBSA	PUMPING
MCA UNIT	377	300253011500	2/25/1988	17	32	23	K	Y	453GBSA	PUMPING
MCA UNIT	378	300253011600	2/7/1988	17	32	22	J	Y	453GBSA	P&A
MCA UNIT	379	300253034700	8/4/1988	17	32	21	G	Y	453GBSA	P&A
MCA UNIT	380	300253033700	9/19/1988	17	32	28	B	Y	453GBSA	INJECTION
MCA UNIT	381	300253034800	8/29/1988	17	33	30	K	Y	453GBSA	P&A
MCA UNIT	382	300250074500	11/9/1961	17	32	28	I	Y	453GBSA	PUMPING
MCA UNIT	383	300250081500	2/24/1962	17	32	33	A	Y	453GBSA	P&A
MCA UNIT	384	300253049100	8/27/1989	17	32	27	E	Y	453GBSA	PUMPING
MCA UNIT	385	300253073100	1/20/1990	17	32	22	O	Y	453GBSA	P&A
MCA UNIT	386	300253110000	4/5/1991	17	32	29	F	Y	453GBSA	INJECTION
MCA UNIT	387	300253514200	10/23/2000	17	32	27	K	Y	453GBSA	P&A
MCA UNIT	390	300253885200	8/8/2008	17	33	30	E	Y	453GBSA	PUMPING
MCA UNIT	391	300253885300	8/14/2008	17	32	25	H	Y	453GBSA	P&A
MCA UNIT	392	300253885400	8/20/2008	17	32	25	K	Y	453GBSA	PUMPING
MCA UNIT	393	300253787900	11/17/2006	17	32	29	H	Y	453GBSA	PUMPING
MCA UNIT	394	300253793100	7/20/2007	17	32	28	D	Y	453GBSA	PUMPING
MCA UNIT	395	300253790000	4/5/2007	17	32	28	E	Y	453GBSA	PUMPING
MCA UNIT	396	300253797600	6/17/2007	17	32	28	L	Y	453GBSA	PUMPING
MCA UNIT	397	300253793900	9/30/2007	17	32	28	E	Y	453GBSA	PUMPING
MCA UNIT	398	300253897100	10/18/2008	17	32	25	F	Y	453GBSA	PUMPING
MCA UNIT	399	300253897200	1/8/2009	17	32	27	K	Y	453GBSA	INJECTION
MCA UNIT	400	300253897300	1/22/2009	17	32	27	L	Y	453GBSA	PUMPING
MCA UNIT	401	300253897400	4/3/2009	17	32	26	F	Y	453GBSA	PUMPING
MCA UNIT	402	300253885500	8/29/2008	17	32	26	L	Y	453GBSA	PUMPING
MCA UNIT	404	300253897500	3/24/2009	17	32	26	M	Y	453GBSA	INJECTION

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MCA UNIT	405	300253885900	10/24/2008	17	32	34	C	Y	453GBSA	INJECTION
MCA UNIT	406	300253886000	9/22/2008	17	32	34	D	Y	453GBSA	PUMPING
MCA UNIT	407	300253803800	2/9/2007	17	32	28	L	Y	453GBSA	PUMPING
MCA UNIT	408	300253897700	2/16/2009	17	32	27	P	Y	453GBSA	P&A
MCA UNIT	409	300253897800	1/7/2009	17	32	27	L	Y	453GBSA	PUMPING
MCA UNIT	410	300253897900	12/10/2008	17	32	28	O	Y	453GBSA	PUMPING
MCA UNIT	411	300253885600	11/2/2008	17	32	33	C	Y	453GBSA	P&A
MCA UNIT	412	300253898000	12/1/2008	17	32	33	B	Y	453GBSA	P&A
MCA UNIT	413	300253898100	2/18/2009	17	32	34	B	Y	453GBSA	PUMPING
MCA UNIT	414	300253898200	2/13/2009	17	32	27	O	Y	453GBSA	INJECTION
MCA UNIT	415	300253898300	2/10/2009	17	32	27	N	Y	453GBSA	PUMPING
MCA UNIT	416	300253898400	10/24/2008	17	32	27	N	Y	453GBSA	PUMPING
MCA UNIT	417	300253898500	2/28/2009	17	32	27	M	Y	453GBSA	PUMPING
MCA UNIT	418	300253898600	2/4/2009	17	32	27	M	Y	453GBSA	INJECTION
MCA UNIT	419	300253898700	2/24/2009	17	32	27	M	Y	453GBSA	INJECTION
MCA UNIT	420	300253898900	12/10/2008	17	32	33	A	Y	453GBSA	INJECTION
MCA UNIT	421	300253898800	1/21/2009	17	32	28	P	Y	453GBSA	PUMPING
MCA UNIT	453	300253930600	4/20/2009	17	32	26	E	Y	453GBSA	INJECTION
MCA UNIT	457	300253931400	6/5/2009	17	32	26	F	Y	453GBSA	PUMPING
MCA UNIT	458	300253931500	5/26/2009	17	32	26	M	Y	453GBSA	INJECTION
MCA UNIT	459	300253931600	5/13/2009	17	32	26	N	Y	453GBSA	PUMPING
MCA UNIT	460	300253931700	5/14/2009	17	32	26	N	Y	453GBSA	PUMPING
MCA UNIT	461	300253934600	5/28/2009	17	32	26	J	Y	453GBSA	PUMPING
MCA UNIT	462	300253931800	4/15/2009	17	32	26	K	Y	453GBSA	INJECTION
MCA UNIT	463	300253931900	5/1/2009	17	32	26	L	Y	453GBSA	PUMPING
MCA UNIT	464	300253934700	5/30/2009	17	32	26	J	Y	453GBSA	PUMPING
MCA UNIT	465	300253932400	4/20/2009	17	32	26	K	Y	453GBSA	PUMPING
MCA UNIT	472	300253940900	10/12/2010	17	32	27	E	Y	453GBSA	INJECTION
MCA UNIT	474	300253932000	6/12/2009	17	32	27	I	Y	453GBSA	PUMPING
MCA UNIT	475	300253934900	4/29/2009	17	32	27	I	Y	453GBSA	INJECTION
MCA UNIT	476	300253935000	10/22/2010	17	32	27	J	Y	453GBSA	PUMPING

2016 Plan of Development
Maljamar Cooperative Agreement Sec. No. 341

MCA UNIT	478	300253935100	6/13/2009	17	32	27	O	Y	453GBSA	INJECTION
MCA UNIT	479	300253935200	8/5/2009	17	32	28	N	Y	453GBSA	PUMPING
MCA UNIT	480	300253976600	10/4/2010	17	32	28	O	Y	453GBSA	INJECTION
MCA UNIT	481	300253940200	8/13/2009	17	32	28	M	Y	453GBSA	INJECTION
MCA UNIT	482	300253976700	9/28/2010	17	32	28	K	Y	453GBSA	PUMPING
MCA UNIT	483	300253935300	6/25/2009	17	32	28	I	Y	453GBSA	INJECTION
MCA UNIT	484	300253935400	7/28/2009	17	32	28	K	Y	453GBSA	PUMPING
MCA UNIT	485	300253940300	8/15/2009	17	32	28	K	Y	453GBSA	INJECTION
MCA UNIT	486	300253935500	7/18/2009	17	32	28	I	Y	453GBSA	INJECTION
MCA UNIT	487	300253935600	7/21/2009	17	32	28	J	Y	453GBSA	PUMPING
MCA UNIT	489	300253943200	8/22/2009	17	32	33	A	Y	453GBSA	INJECTION
MCA UNIT	490	300253932100	7/15/2009	17	32	33	B	Y	453GBSA	P&A
MCA UNIT	491	300253932200	7/9/2009	17	32	33	C	Y	453GBSA	INJECTION
MCA UNIT	492	300253943300	8/29/2009	17	32	33	G	Y	453GBSA	P&A
MCA UNIT	365Y	300252910200	5/30/1985	17	32	29	B	Y	453GBSA	PUMPING

Production Graphs:

See Attachments

Map of structural and geologic interpretations:

See Attachments

Map of Participating area boundaries:

See Attachments

Map of Wells, flow-lines, and roads:

See Attachments

The MCA Unit is comprised of one participating area, as set forth in the table below. A map of the participating area and a reservoir performance graph for the participating area are attached.

MCA	Grayburg-San Andres PA	7/1/1962	NMNM-070987X
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The working interest owners have been provided a copy of this 2016 Plan of Development. ConocoPhillips Company and the working interest owners believe that all current MCA Unit obligations have been satisfied.

In accordance with Article 10 of the Maljamar Cooperative Agreement (MCA) Unit Agreement, please signify your approval of the 2016 Plan of Development by executing in the signature block below. Please return one approved copy to the undersigned.

Should you have any questions or comments in this regard, please contact me at 281-206-5072.

Bureau of Land Management

Date

New Mexico State Land Office

Date

New Mexico Oil Conservation Division

Date

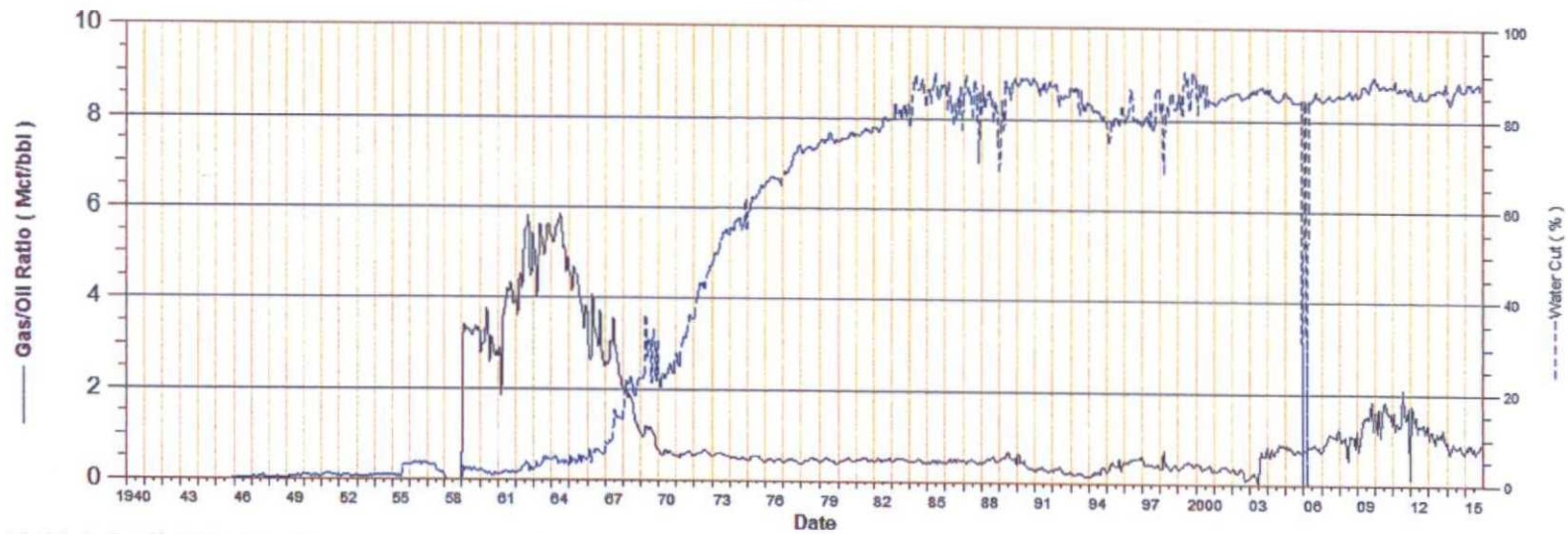
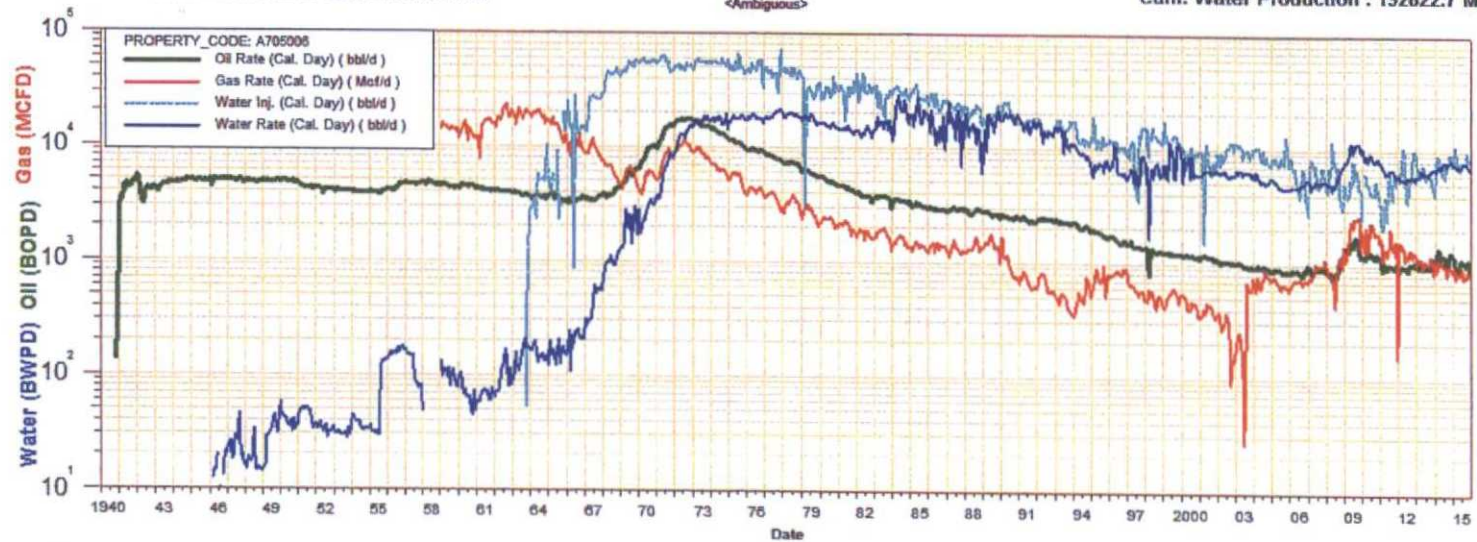
The foregoing approvals are for the 2016 Plan of Development for the Maljamar Cooperative Agreement (MCA) Unit, I SEC- No. 341, Lea County, New Mexico.

Cc: Occidental Permian Joint Interest
Attn: Laura Drum
P.O. Box 4294
Houston, TX 77210-4294

Cum. Oil Production : 111490.9 Mbbl
Cum. Gas Production : 88049.8 MMcf

PROPERTY_CODE: A705006
LEA
<Ambiguous>
API-
<Ambiguous>

Cum Water Injection : 435103.8 Mbbl
Cum. Water Production : 192822.7 Mbbl

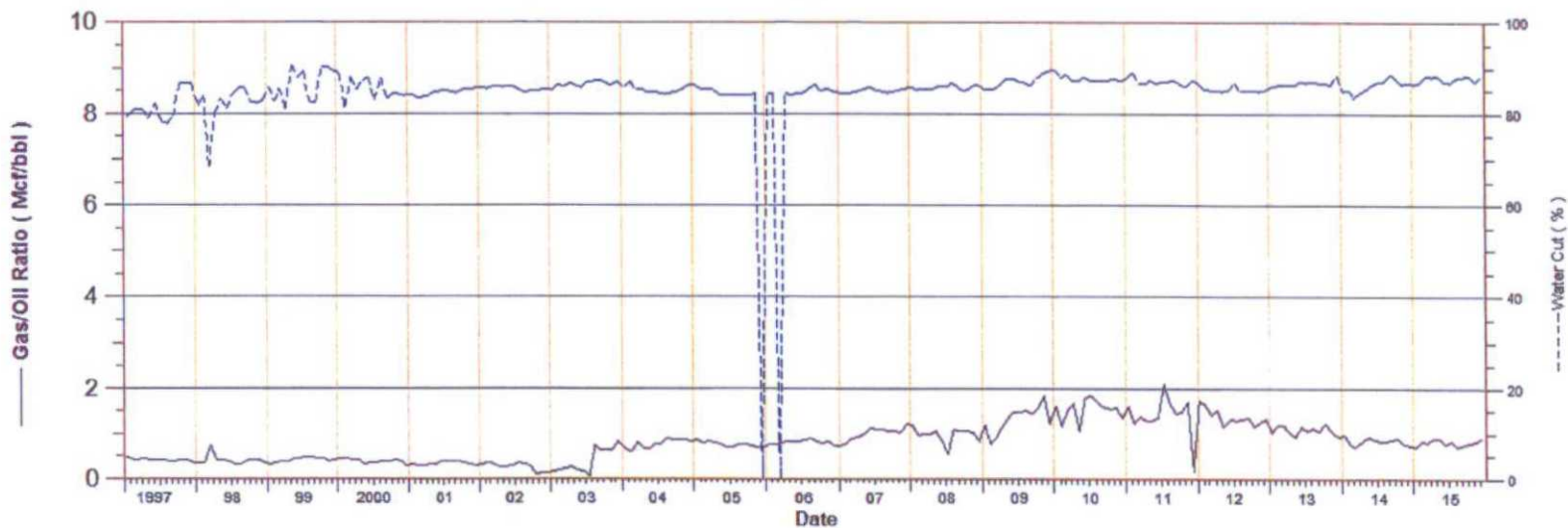
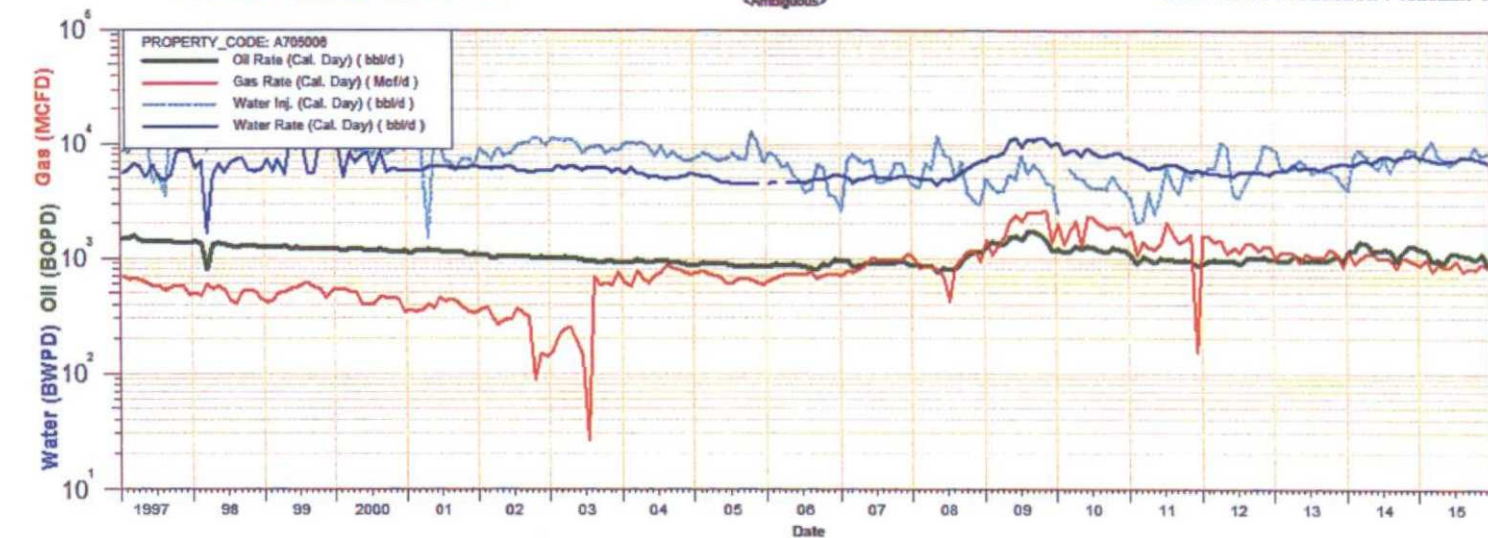


Cum. Oil Production : 111490.9 Mbbl
Cum. Gas Production : 88049.8 MMcf

PROPERTY_CODE: A705006

LEA
<Ambiguous>
API-
<Ambiguous>

Cum Water Injection : 435103.8 Mbbl
Cum. Water Production : 192822.7 Mbbl






ConocoPhillips.

MCA Structural and Geologic

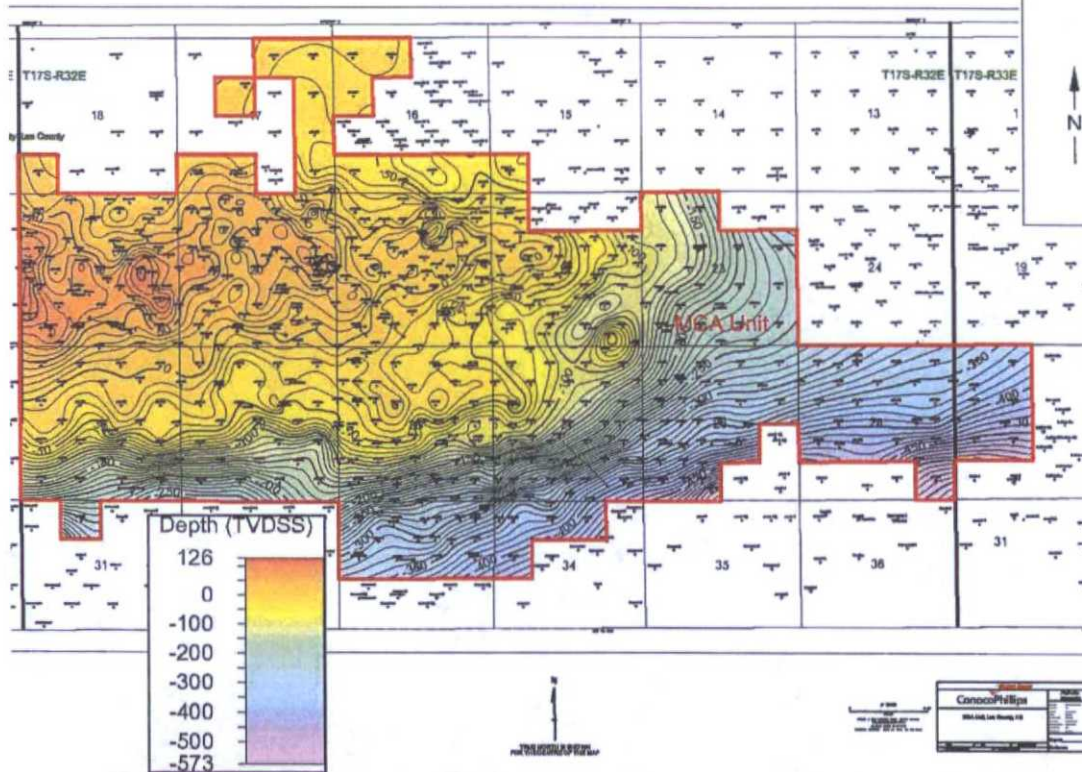
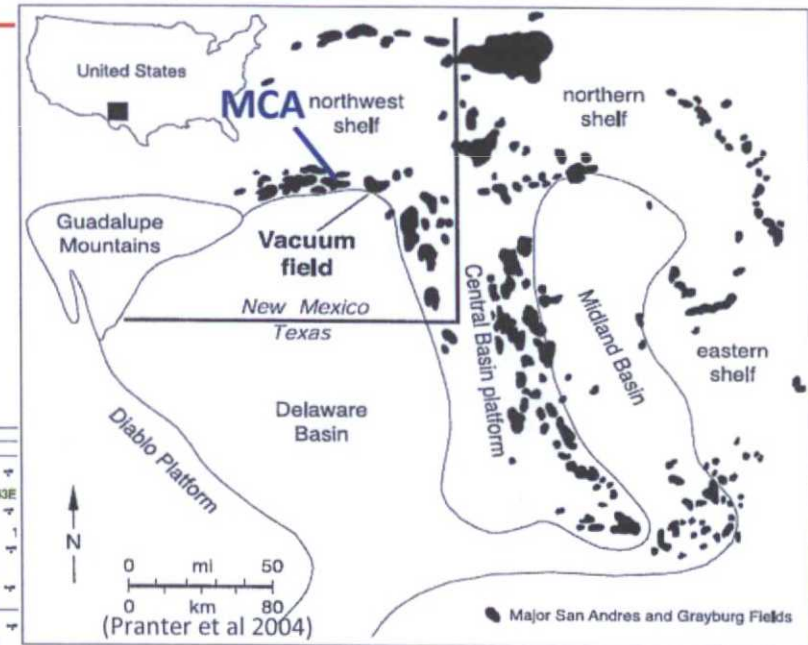
2016 POD

MCA Field Overview

Discovered in 1926

NW Shelf Grayburg/San Andres field

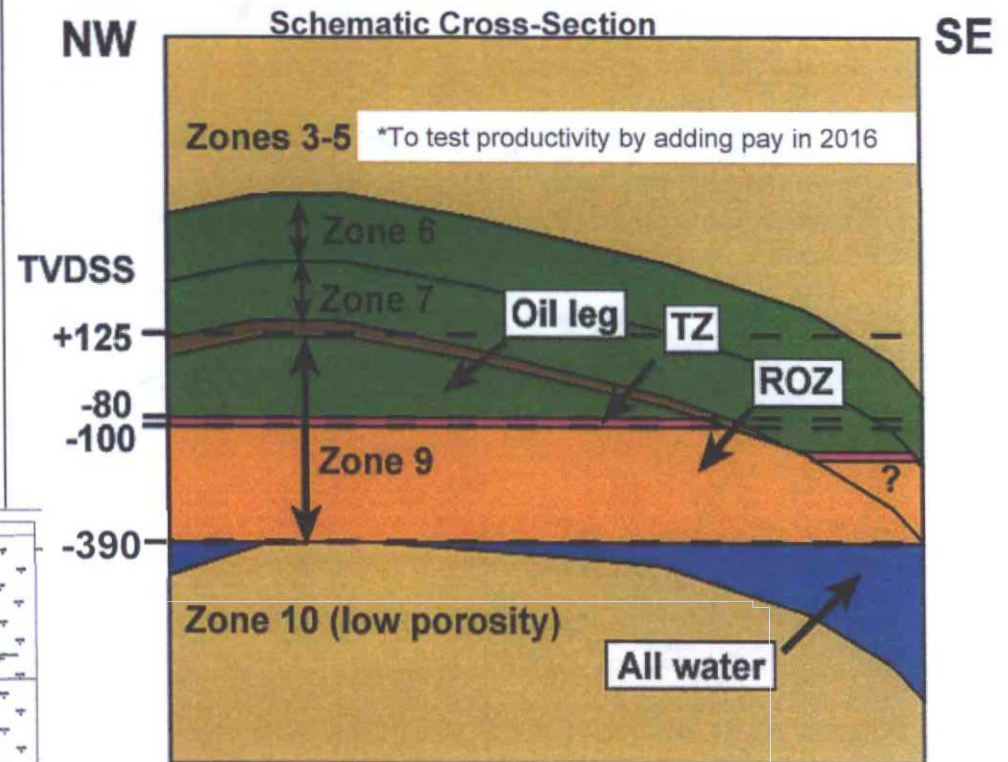
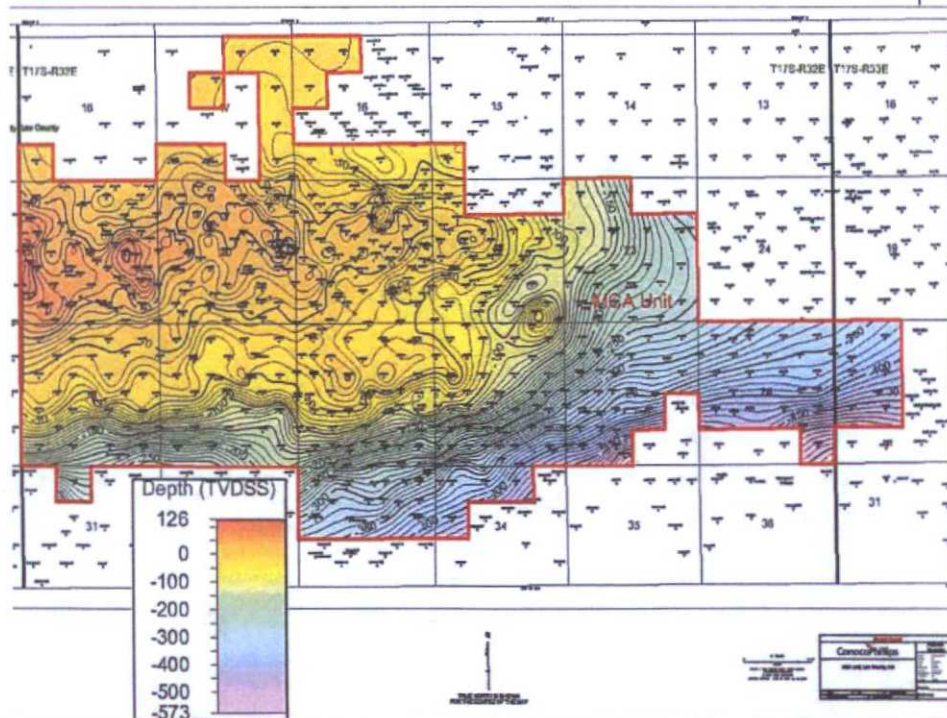
East-southeast dipping structure



Reservoir Distribution

Main Pay:

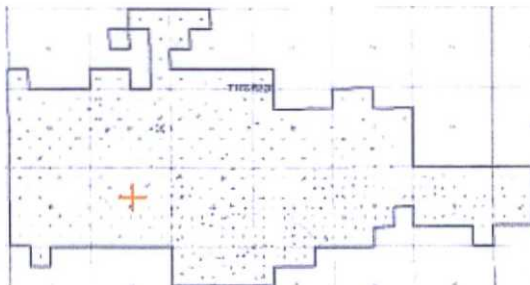
- Premier Sand (Z6) – unit-wide
- Upper San Andres (Z7) – most of unit
- Lower San Andres (Z9) – higher parts of structure



Stratigraphy & Reservoir Characteristics

MCA 365Y

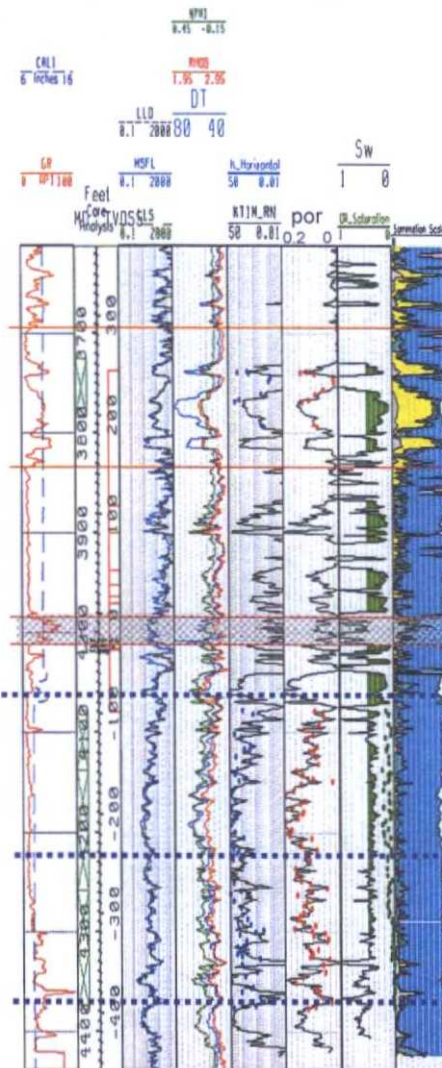
- Producing intervals:
 - Grayburg Premier Sand (Z6)
 - Upper and Lower San Andres (Z7&Z9)
- Lovington is a baffle (if not barrier) between Upper and Lower San Andres
- Residual Oil Zone present in Lower San Andres (Z9)
 - Current producing OWC: -80' -100' TVDSS
 - Estimated original OWC: -240 to -390' TVDSS
 - 140' to 310' of transition zone and residual oil zone thickness



-80' TVDSS

-240' TVDSS

-390' TVDSS



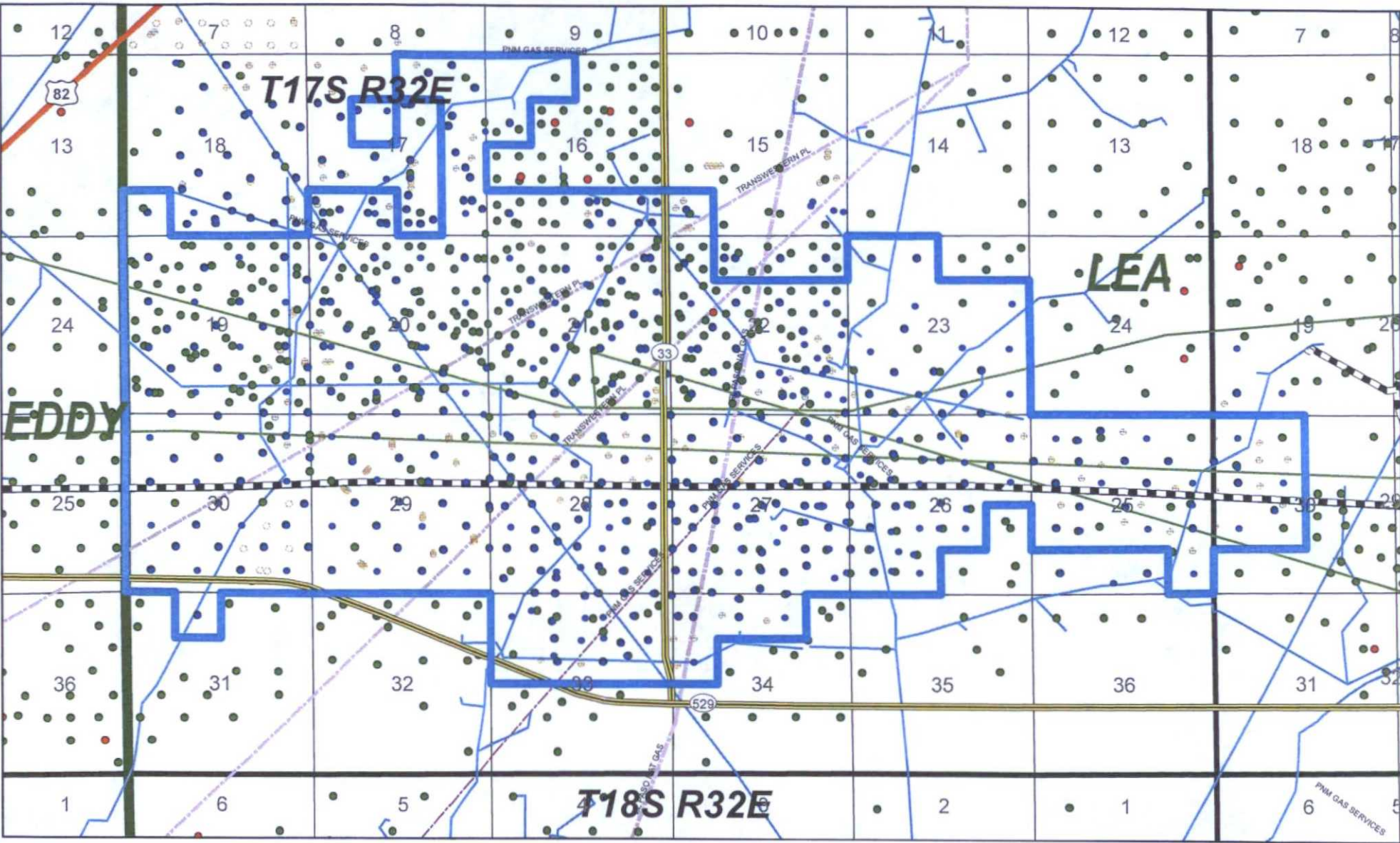
- Grayburg:** arkosic anhydritic sandstone
 - Eolian-tidal flat-shallow marine
 - K-feldspar (5-30%) results in variable GR
 - Porosity: 11% avg; 22% max
 - Air Permeability: 8mD avg; 264mD max
- San Andres:** dolograinstone/dolopackstone
 - Intertidal/subtidal platform marine
 - Significant paleo-karst features mark top
 - Porosity: 9% avg; 20% max
 - Air Permeability: 16mD avg; 628mD max

Grayburg-Premier Sand (Z6)

Upper
San Andres (Z7)

Lovington (Z8)
Lower
San Andres (Z9)

Residual Oil Zone



L48 Pipelines Natural Gas IHS

DIAMETER

- 10, 18
- < 4 inches
- 4, 5, 6
- 7, 8
- 9, 10
- 11, 12, 13, 14
- 20, 22
- 24, 26, 27, 29
- 30, 32, 34, 36
- 42, 46, 48
- Unknown

L48 Pplns Pennwell Oil

CMDTY

- C
- L

DSM All NewDrill/Sidetrack Status

- Working
- Completed
- Ready To Implement

Legend

- MCA_Unit_Boundary_C101614_20150218
- Limited Access
- Highway
- Major Road
- Schedule
- Proposal
- Prospect
- CDP Pipelines
- Major Road
- Highway
- Major Road
- Local Road
- Minor Road

P2000 PROD OIL & GAS

- CRUDE OIL
- GAS



ConocoPhillips

Mid-Continent Land

Southeast New Mexico

MCA Unit

Author: Compiled by: Project File: mca_slr_pln_culture_map021814.mxd Wholes15p14Bear/perworking01a_021	Date: 2/28/15 Scale: 1"=4,000'
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Aubrey Dunn
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

Phone (505) 827-5760

Fax (505) 827-5766

www.nmstatelands.org

April 7, 2015

Conoco Phillips
Mid-America-Permian Basin
Park 10 05-5022
PO Box 2197
Houston, TX 77252

Attn: Ms. Ashley Manning-Dyke
Re: 2015 Plan of Development
Maljamar Cooperative
Lea County, New Mexico

12
1
R: 2403 (must liberty)
C: 2718

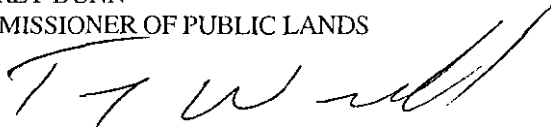
Dear Ms. Manning-Dyke:

The Commissioner of Public Lands has, of this date, approved the referenced Plan of Development. Our approval is subject to like approval by all other appropriate agencies. The possibility of drainage by wells outside the unit area, and the need for further development of the unit may exist; therefore, we may contact you at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505)-827-5791.

Very truly yours,

AUBREY DUNN
COMMISSIONER OF PUBLIC LANDS

BY: 
TERRY WARNELL, Director
Oil, Gas and Minerals Division
AD/TW/sk
xc: Reader File
OCD-Daniel Sanchez
BLM Carlsbad - Ed Fernandez



RECEIVED OGD

2015 AUG 24 P 3: 15

Ashley E. Manning-Dyke
Landman
Mid-America – Permian Basin
Park 10 05-5022
P.O. Box 2197
Houston, TX 77252
Tel: 281-206-5349
Fax: 832-486-2674

August 18, 2015

Bureau of Land Management
Carlsbad Field Office
620 E. Greene St.
Carlsbad, New Mexico 88220-6292

New Mexico State Land Office
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

State of New Mexico
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87504

R: 6157
C: 2403

RE: Maljamar Cooperative Agreement
I-SEC. No. 341, Serial No. NMNM-070987X
Amendment to 2015 Plan of Development
Lea County, New Mexico
ConocoPhillips Contract 101641

ConocoPhillips Company, as Unit Operator of the Maljamar Cooperative Agreement Unit, hereby submits for your approval, an Amendment to the 2015 Plan of Development.

It is understood that approval of this Amendment to 2015 Plan of Development does not approve the work covered by the plan. Individual approval is still required for such items as APDs/ROWs/etc.

Any additional modifications or additions to this Plan of Development will be filed as supplements to the plan.

Sincerely,

Ashley E. Manning-Dyke
Landman

2015 Planned Operations are amended to include the following Permitting & Drilling:

#	Well Name	Well #	Section	Pad	Formation Code	Type
1	MCA	494	23	N/A	453GBSA	Injector
2	MCA	509	22	N/A	453GBSA	Injector
3	MCA	540	26	N/A	453GBSA	Producer
4	MCA	536	26	A	453GBSA	Producer
5	MCA	538	26	A	453GBSA	Injector
6	MCA	571	27	A	453GBSA	Injector
7	MCA	531	27	A	453GBSA	Producer
8	MCA	573	21	A	453GBSA	Injector
9	MCA	588	21	A	453GBSA	Injector
10	MCA	595	21	A	453GBSA	Producer
11	MCA	517	29	E	453GBSA	Injector
12	MCA	521	29	E	453GBSA	Producer
13	MCA	434	29	E	453GBSA	Producer
14	MCA	518	29	E	453GBSA	Injector
15	MCA	593	30	A	453GBSA	Producer
16	MCA	594	30	A	453GBSA	Producer
17	MCA	585	30	A	453GBSA	Injector
18	MCA	572	23	A	453GBSA	Injector
19	MCA	591	23	A	453GBSA	Producer
20	MCA	592	23	A	453GBSA	Producer
21	MCA	581	29	B	453GBSA	Injector
22	MCA	558	29	B	453GBSA	Producer
23	MCA	500	29	B	453GBSA	Injector
24	MCA	496	29	B	453GBSA	Injector
25	MCA	566	29	D	453GBSA	Producer
26	MCA	563	29	D	453GBSA	Injector
27	MCA	534	27	N/A	453GBSA	Producer
28	MCA	535	23	N/A	453GBSA	Injector
29	MCA	548	27	N/A	453GBSA	Injector
30	MCA	549	27	N/A	453GBSA	Producer
31	MCA	550	28	N/A	453GBSA	Producer
32	MCA	551	28	N/A	453GBSA	Producer
33	MCA	561	28	N/A	453GBSA	Injector
34	MCA	562	28	N/A	453GBSA	Injector
35	MCA	564	29	A	453GBSA	Injector
36	MCA	580	29	A	453GBSA	Producer
37	MCA	583	29	A	453GBSA	Producer
38	MCA	556	29	C	453GBSA	Producer
39	MCA	558	29	C	453GBSA	Producer
40	MCA	565	29	C	453GBSA	Injector
41	MCA	519	29	N/A	453GBSA	Producer

42	MCA	522	29	N/A	453GBSA	Injector
43	MCA	520	29	N/A	453GBSA	Producer
44	MCA	586	29	N/A	453GBSA	Injector
45	MCA	619	20	N/A	453GBSA	Producer
46	MCA	596	26	N/A	453GBSA	Injector
47	MCA	532	27	N/A	453GBSA	Injector
48	MCA	587	22	N/A	453GBSA	Producer
49	MCA	589	27/22	N/A	453GBSA	Injector
50	MCA	454	27	N/A	453GBSA	Producer
51	MCA	452	27/22	N/A	453GBSA	Injector
52	MCA	600	21	N/A	453GBSA	Producer
53	MCA	605	21	N/A	453GBSA	Injector
54	MCA	590	22	N/A	453GBSA	Producer
55	MCA	505	30	N/A	453GBSA	Injector
56	MCA	504	30	N/A	453GBSA	Injector
57	MCA	506	30	N/A	453GBSA	Injector
58	MCA	620	20	N/A	453GBSA	Injector
59	MCA	621	20/19	N/A	453GBSA	Injector
60	MCA	622	30/19	N/A	453GBSA	Injector
61	MCA	627	30	N/A	453GBSA	Injector
62	MCA	623	30	N/A	453GBSA	Producer
63	MCA	628	30	N/A	453GBSA	Producer
64	MCA	629	30	N/A	453GBSA	Producer
65	MCA	630	30	N/A	453GBSA	Producer
66	MCA	631	30	N/A	453GBSA	Producer
67	MCA	632	30	N/A	453GBSA	Injector
68	MCA	633	30	N/A	453GBSA	Injector
69	MCA	634	19	N/A	453GBSA	Producer
70	MCA	635	19	N/A	453GBSA	Producer
71	MCA	636	30/19	N/A	453GBSA	Producer
72	MCA	637	30	N/A	453GBSA	Producer
73	MCA	638	30	N/A	453GBSA	Producer
74	MCA	639	30	N/A	453GBSA	Producer
75	MCA	599	22	N/A	453GBSA	Injector
76	MCA	533	27	N/A	453GBSA	Injector
77	MCA	455	27	N/A	453GBSA	Producer
78	MCA	601	28/21	N/A	453GBSA	Producer
79	MCA	602	28	N/A	453GBSA	Producer
80	MCA	567	28	N/A	453GBSA	Producer
81	MCA	569	28	N/A	453GBSA	Injector
82	MCA	606	28/21	N/A	453GBSA	Injector
83	MCA	610	28/21	N/A	453GBSA	Producer

84	MCA	524	29	N/A	453GBSA	Injector
85	MCA	493	29	N/A	453GBSA	Producer
86	MCA	435	29	N/A	453GBSA	Producer
87	MCA	498	29	N/A	453GBSA	Injector
88	MCA	526	29	N/A	453GBSA	Producer
89	MCA	495	29/28	N/A	453GBSA	Producer
90	MCA	515	29	N/A	453GBSA	Injector
91	MCA	516	29	N/A	453GBSA	Producer
92	MCA	554	29	N/A	453GBSA	Producer
93	MCA	555	29	N/A	453GBSA	Injector
94	MCA	553	29/28	N/A	453GBSA	Producer
95	MCA	582	29/20	N/A	453GBSA	Producer
96	MCA	552	29/20	N/A	453GBSA	Injector

The working interest owners have been provided a copy of this Amendment to 2015 Plan of Development. ConocoPhillips Company and the working interest owners believe that all current MCA Unit obligations have been satisfied.

In accordance with Article 10 of the Maljamar Cooperative Agreement (MCA) Unit Agreement, please signify your approval of the Amendment to 2015 Plan of Development by executing in the signature block below. Please return one approved copy to the undersigned.

Should you have any questions or comments in this regard, please contact me at 281-206-5349.

Bureau of Land Management

Date

New Mexico State Land Office

Date

New Mexico Oil Conservation Division

Date

The foregoing approvals are for the Amendment to 2015 Plan of Development for the Maljamar Cooperative Agreement (MCA) Unit, I SEC- No. 341, Lea County, New Mexico.

Cc: Occidental Permian Joint Interest
Attn: Donna Havens
P.O. Box 4294
Houston, TX 77210-4294