

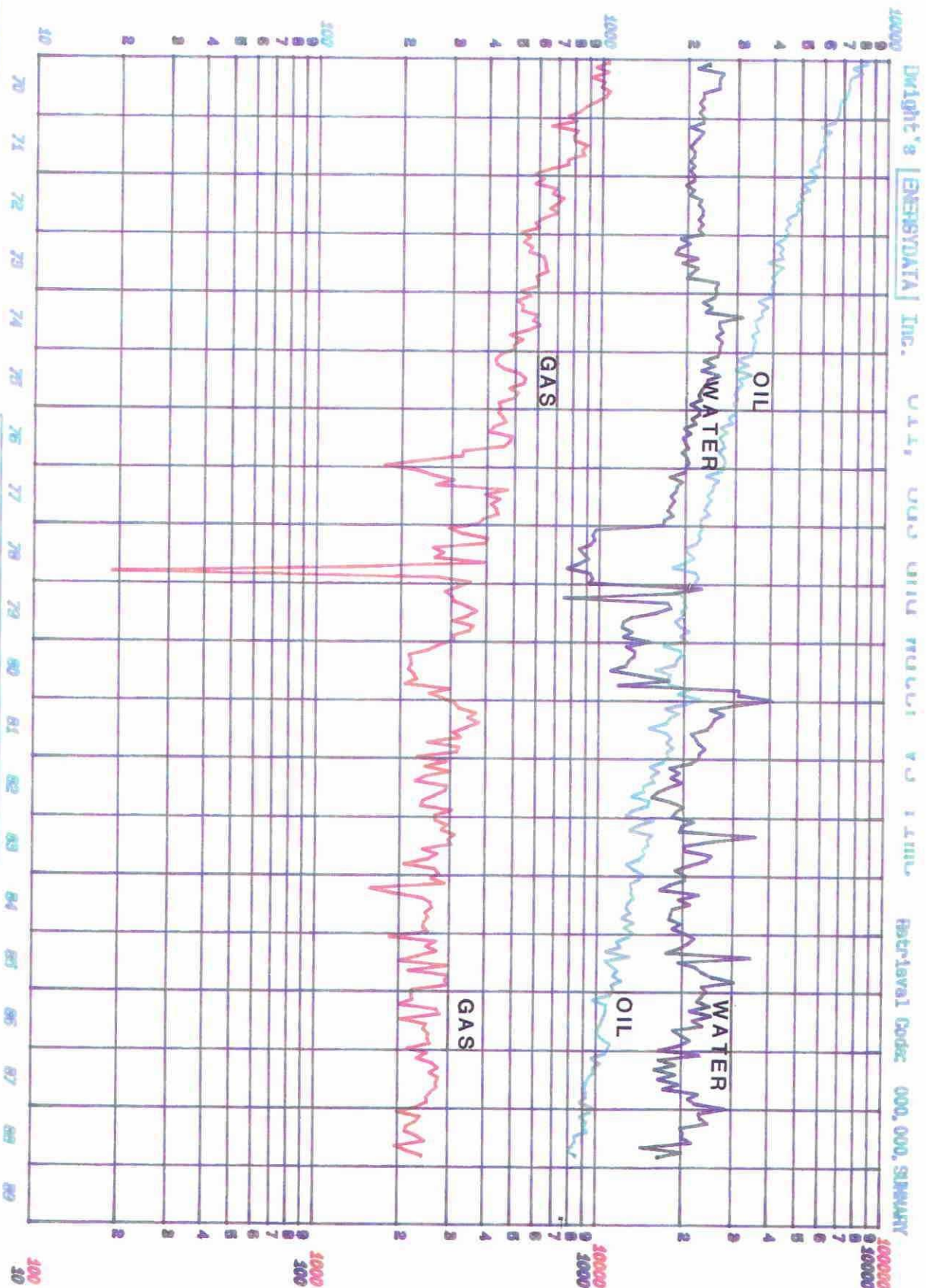
EXHIBIT 11
K-M CHAVEROO SAN ANDRES UNIT
PRODUCTION FOR 1988
CHAVES COUNTY, NEW MEXICO

LEASE NAME, WELL		S	T	R	STATUS	CUMULATIVE THRU 12/31/87		1988 JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	1988 TOTAL	CUM. TOTAL THRU 12/31/88
STATE F #1D	2 T8S R33E	S				OIL	68269	0	0	0	0	0	0	0	0	0	0	0	0	0	68269
						GAS	74842	0	0	0	0	0	0	0	0	0	0	0	0	0	74842
#2C	2 T8S R33E	P				WTR	8539	0	0	0	0	0	0	0	0	0	0	0	0	0	8539
						OIL	67368	28	30	49	240	51	25	52	22	68	47	45	53	500	67868
#3E	2 T8S R33E	P				GAS	99777	214	258	249	237	237	274	301	237	261	294	134	245	2944	102721
						WTR	11420	56	60	49	49	51	50	26	44	30	24	57	61	598	12018
#4F	2 T8S R33E	P				OIL	82667	56	60	59	49	51	51	52	65	45	70	67	53	53	678
						GAS	97009	89	107	104	100	99	114	125	99	109	122	56	102	1226	98235
#5L	2 T8S R33E	P				WTR	35318	84	90	118	74	77	77	104	43	89	47	86	61	950	36268
						OIL	114502	56	60	49	49	51	51	52	65	68	70	85	53	709	115211
#6K	2 T8S R33E	P				GAS	176935	214	258	249	240	237	274	301	237	261	293	134	245	2943	179878
						WTR	22450	112	120	148	98	77	102	104	65	89	93	114	122	1244	23694
#7J	2 T8S R33E	P				OIL	181889	250	181	178	293	206	177	158	172	136	164	134	157	2206	184095
						GAS	214006	232	279	270	180	178	91	225	177	196	221	100	184	2333	216339
#8I	2 T8S R33E	P				WTR	11389	0	0	24	24	0	0	0	22	30	0	29	0	105	11494
						OIL	129527	84	60	59	49	51	51	53	43	45	47	45	53	640	130167
#9N	2 T8S R33E	P				GAS	106694	107	129	125	120	119	137	150	118	130	147	67	122	1471	108165
						WTR	16151	112	90	118	74	77	77	80	65	59	47	57	91	947	17098
#10N	2 T8S R33E	P				OIL	85801	56	60	59	49	77	51	79	86	68	47	67	53	752	86553
						GAS	73970	89	107	104	100	99	114	125	99	109	122	56	102	1226	75196
#11M	2 T8S R33E	P				WTR	37352	168	150	118	98	103	77	105	65	149	118	172	182	1505	38857
						OIL	91609	84	90	89	73	77	76	79	86	91	94	67	79	985	92594
#12O	2 T8S R33E	S				GAS	94187	161	193	187	180	178	207	225	177	196	221	100	184	2209	96396
						WTR	20414	84	90	89	73	77	76	79	65	120	94	143	122	1112	21526
#13P	2 T8S R33E	P				OIL	99965	28	30	30	24	26	51	0	0	0	0	0	0	189	100154
						GAS	105334	143	172	166	160	158	183	0	0	0	0	0	0	982	106316
#14C	2 T8S R33E	P				WTR	53609	28	30	60	48	26	77	0	0	0	0	0	0	269	53878
						OIL	84212	28	30	30	24	77	51	53	43	45	47	45	79	552	84764
#15M	2 T8S R33E	P				GAS	127904	161	193	189	180	178	206	225	177	196	221	100	184	2210	130114
						WTR	6026	28	0	0	0	77	26	26	22	0	24	29	61	320	6346
#16N	2 T8S R33E	P				OIL	83292	111	121	89	97	77	76	79	86	68	70	67	79	1020	84312
						GAS	78901	54	64	62	59	59	76	76	59	64	73	33	61	733	79634
#17P	2 T8S R33E	P				WTR	132547	666	635	682	534	513	532	606	366	535	420	515	669	6673	139220
						OIL	61743	56	60	59	49	77	76	79	65	68	70	67	79	805	62548
#18M	2 T8S R33E	P				GAS	70456	107	130	124	120	119	137	150	118	130	147	200	122	1471	71927
						WTR	69004	224	240	266	221	231	228	211	173	178	163	213	213	2548	71552
#19M	2 T8S R33E	P				OIL	15610	111	90	150	97	104	100	105	86	91	118	90	104	1246	16856
						GAS	34051	410	495	476	459	454	526	577	454	499	564	255	470	5639	39690
#20M	2 T8S R33E	P				WTR	54729	749	840	810	703	728	700	814	516	743	632	858	912	9005	63734

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

LEASE NAME, WELL		S T R	STATUS	CUMULATIVE THRU 12/31/87	1988												1988 TOTAL	CUM. TOTAL THRU 12/31/88
					JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.		
STATE FU #9E	1	T8S R33E	P	OIL	71	64	68	68	63	66	68	71	72	70	60	58	799	64052
				GAS	62	58	62	62	62	60	62	62	60	63	60	62	735	35776
				WTR	71	96	102	102	95	99	102	107	75	105	87	103	1144	41197
STATE C #1B	2	T8S R33E	P	OIL	267	253	0	0	95	84	98	76	62	119	84	88	1226	95337
				GAS	0	0	0	0	57	143	130	159	145	141	102	128	1005	130911
				WTR	0	0	0	0	349	735	1905	564	714	359	267	375	5268	39957
#2A	2	T8S R33E	P	OIL	0	0	0	0	69	77	70	89	88	59	56	59	567	85156
				GAS	0	0	0	0	41	131	120	147	133	130	95	120	917	99550
				WTR	0	0	0	0	674	813	2024	499	590	421	297	268	5586	30014
#3H	2	T8S R33E	P	OIL	0	0	0	227	95	90	97	120	118	89	84	88	1008	110483
				GAS	0	0	0	178	57	154	141	172	157	152	110	139	1260	107599
				WTR	0	0	0	1978	953	1277	1190	738	787	546	355	375	8199	59431
#4D	1	T8S R33E	P	OIL	0	0	0	97	69	84	70	58	59	63	56	59	615	34660
				GAS	0	0	0	134	40	143	131	159	145	141	102	128	1123	49135
				WTR	0	0	0	1492	349	1045	833	369	369	234	176	187	5054	64920
LEVICK STATE #1G	2	T8S R33E	P	OIL	107	102	103	102	101	100	92	90	100	98	87	92	1174	94203
				GAS	225	321	260	235	234	209	325	305	290	279	306	301	3290	143487
				WTR	81	77	78	102	101	100	92	90	101	0	120	155	1097	37659
TOTAL				OIL	1393	1291	1092	1396	1417	1337	1336	1323	1292	1342	1166	1286	15671	1660627
				GAS	2268	2764	2627	2747	2606	3172	3389	2956	3081	3331	1877	2899	33717	1945911
				WTR	2463	2518	2679	5670	4558	6091	8328	3813	4658	3327	3562	3957	51624	777402

MONTHLY OIL PRODUCTION (BBL/MO)



Lease: STATE "F" LEASE
 Well #
 Operator:
 Field:
 Reservoir:
 County:
 Location:

EXHIBIT 12
 TRACT 1

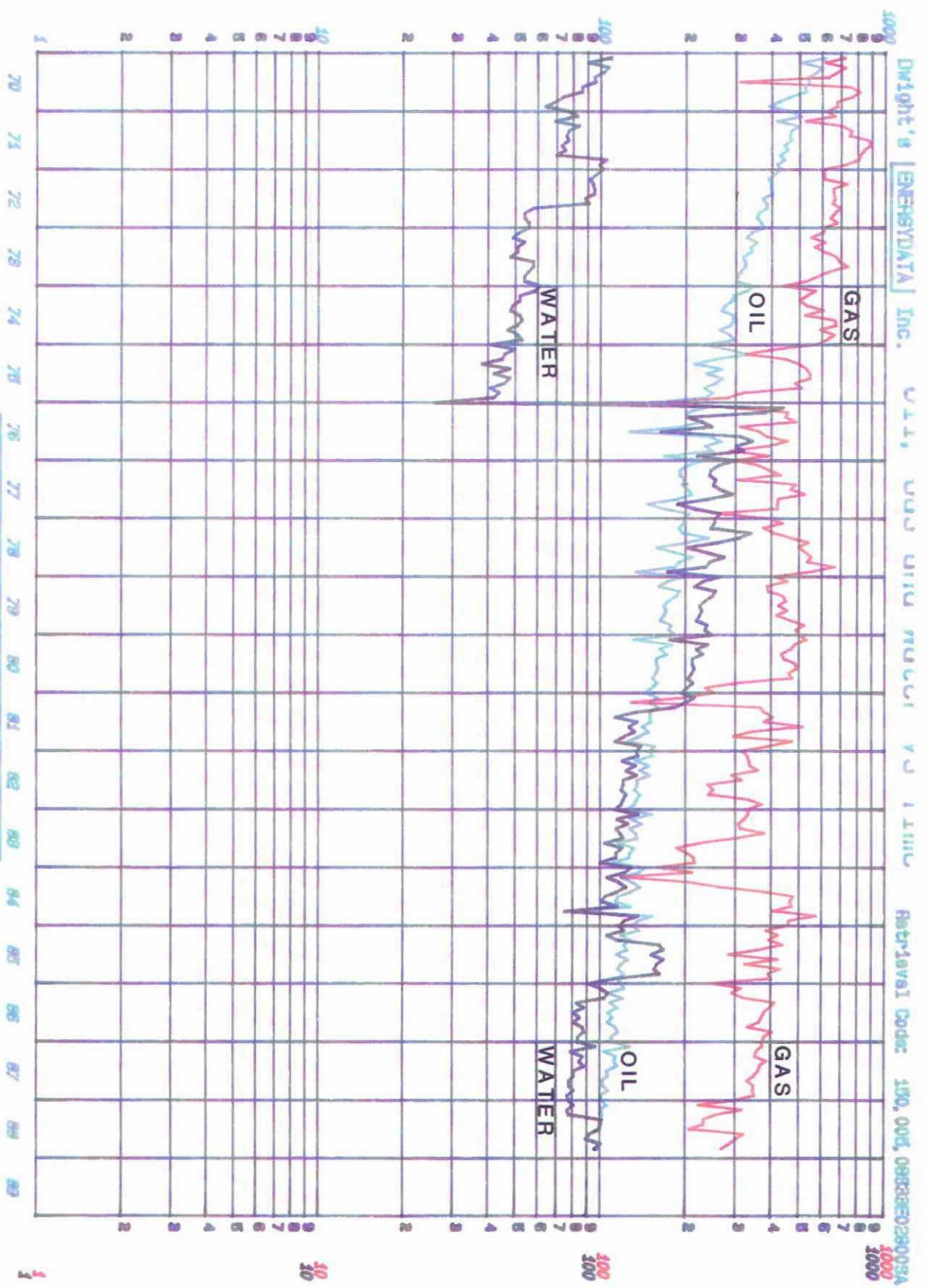
Date: 02-20-89

WATER (BBL/MO)

MONTHLY GAS PRODUCTION

(MCF/MO)

MONTHLY OIL PRODUCTION (BBL/MO)



Lease: LEVICK STATE 2
Well # 0000001
Operator: UNION PACIFIC RESOURCES
Field: CHAVERO SAN ANDRES
Reservoir:
County: CHAVES NM
Location: 28 8S 39E

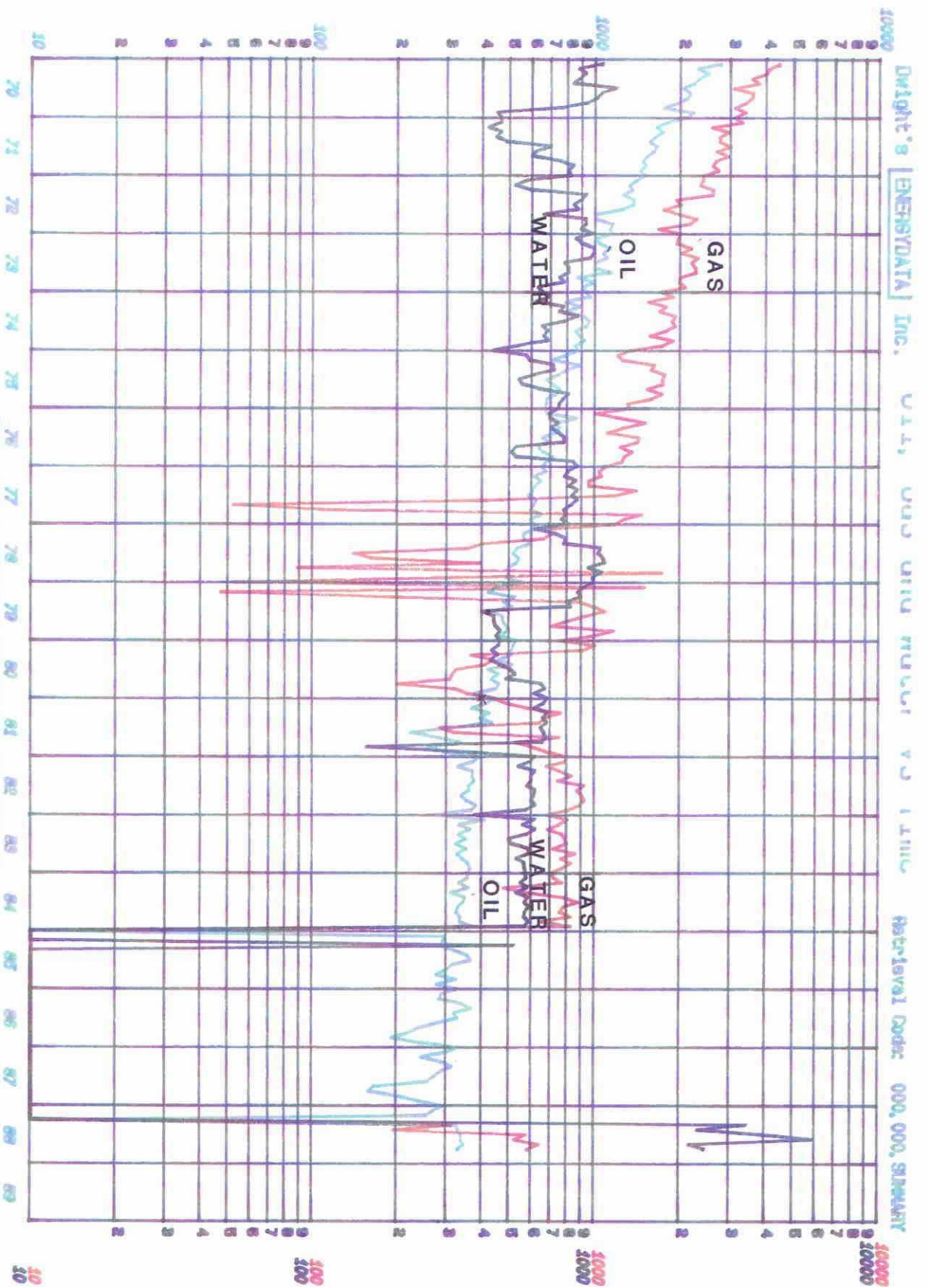
EXHIBIT 12
 TRACT 2
 SA

Date: 02-20-89

MONTHLY GAS PRODUCTION (MCF/MO)

WATER (BBL/MO)

MONTHLY OIL PRODUCTION (BBL/MO)



Dwight's ENERGYDATA INC. U.S. OIL AND GAS PRODUCTION BY FIELD

Lease: STATE "C" LEASE
 Well #
 Operator:
 Field:
 Reservoir:
 County:
 Location:

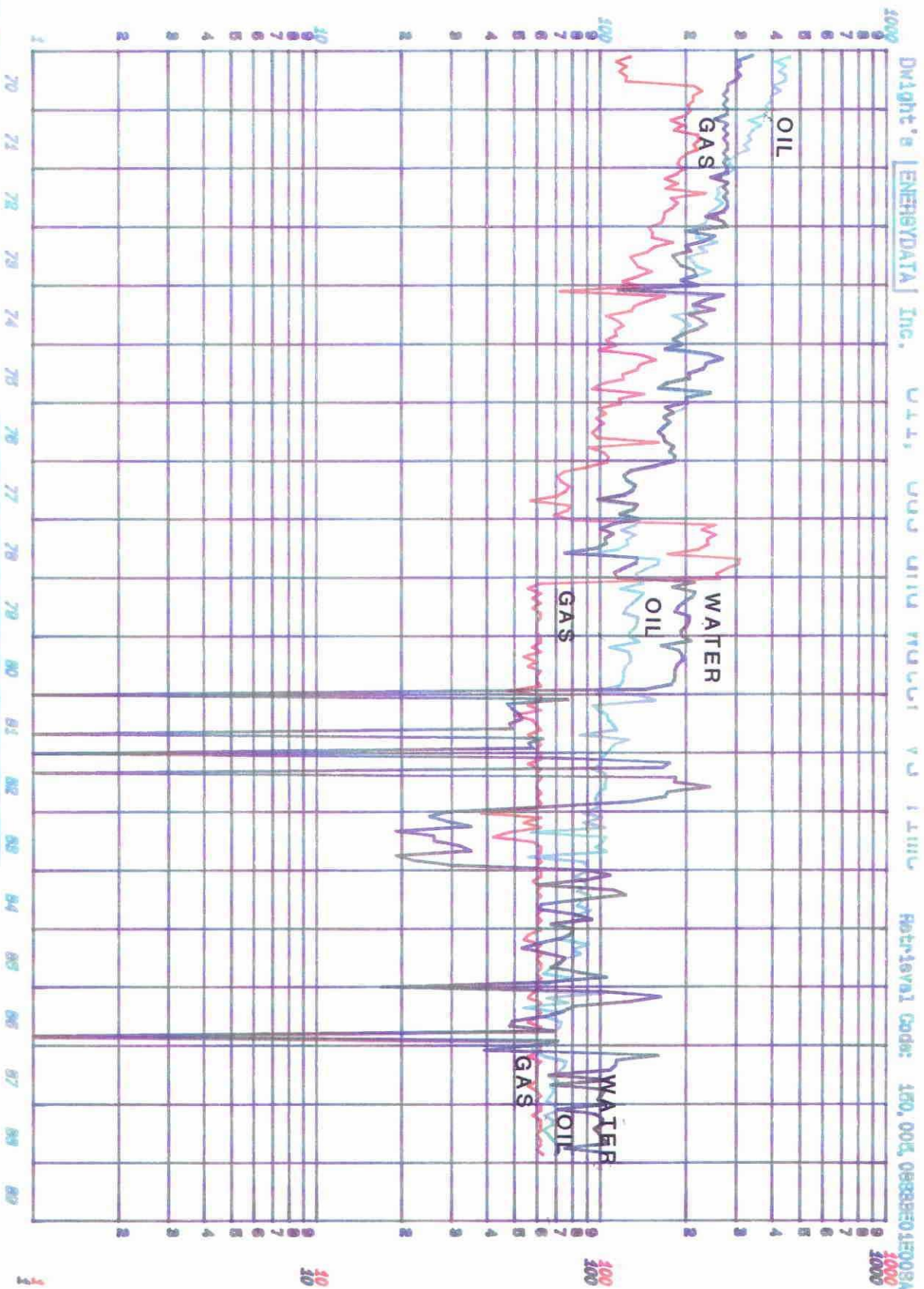
EXHIBIT 12
 TRACH 3

Date: 02-20-89

MONTHLY GAS PRODUCTION (MCF/MO)

WATER (BBL/MO)

MONTHLY OIL PRODUCTION (BBL/MO)



Lease: STATE FU
 Well # 000009
 Operator: KERR MCBEE CORP
 Field: CHAVERO SAN ANDRES
 Reservoir: CHAVERO
 County: CHAVES NM
 Location: 1E 8S 39E

EXHIBIT 12
 SA TRACT 4
 Date: 02-20-89

MONTHLY GAS PRODUCTION (MCF/MO)

WATER (BBL/MO)

EXHIBIT 13

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

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

RJQ:lrg01a1



U. S. Onshore Oper.

MAR 03 1988

E & P DIV.

STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

BATAAN MEMORIAL BUILDING
STATE CAPITOL
SANTA FE, NEW MEXICO 87503

February 29, 1988

Kerr McGee Corporation
c/o R.J. Quance
Exploration and Production Division
P.O. Box 25861
Oklahoma City, OK 73125

Dear Mr. Quance:

Your February 3, 1988, letter requests assistance in attempting to locate a suitable fresh, brackish, or saltwater source capable of supplying from 2,000 to 4,000 BWPD. You indicate that your investigation relates to leases in Sections 1 and 2, Township 8 South, Range 33 East. This area is not located within a declared underground water basin in the State of New Mexico; therefore the drilling of wells and appropriation of water in this area would not require a permit from this office. The State Engineer would have no jurisdiction over ground water development other than to prevent waste. A map showing the declared underground water-basins in New Mexico is enclosed.

The USGS Button Mesa NE Quadrangle map indicates that there is at least one windmill in Section 2, T8S, R33E with additional windmills in adjacent sections. The major water bearing formation in this area is the Ogallala Formation. The western boundary of the Ogallala is located just a few miles west from your area of interest and dips to the east from New Mexico into Texas. The gradient of water movement in the Ogallala is generally from west to east with the saturated thickness increasing from west to east. In your area of interest, the saturated thickness of the Ogallala may be very small, which may be indicative of low producing wells. The State Engineer Office has checked its records and does not have any specific information on ground water quality or quantity for your area. There are, however, the following reports available for the surrounding areas that may be of interest to you.

McAda, Douglas, 1984, Projected Water Level Declines in the Ogallala Aquifer in Lea County, New Mexico, U. S. Geological Survey Water Resources Investigations Report 84-4062 84 p., This report was prepared to provide information to planners and water users in determining how much water was available for use and to estimate the present quantity of water in the Ogallala Aquifer in Lea County and is available through the Open File Service Section Branch of Distribution, US Geological Survey, MS 306, Box 25425, Denver Federal Center, Denver, Colorado 80225.

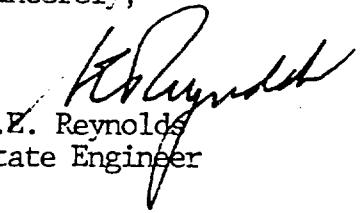
Kerr McGee Corporation
February 29, 1988
Page 2

Cooper, J. B., 1960, Ground Water in the Causey-Lingo Area, Roosevelt County, New Mexico, New Mexico State Engineer Technical Report 14, 51 p., The Causey-Lingo area is located in south-central Roosevelt County. This report addresses water quantity, quality and water levels for the study area. Enclosed is a copy of this report.

Lansford, Robert R., 1974, Water Resources Evaluation of the Southern High Plains of New Mexico, New Mexico Water Resources Research Institute, WRRI Report No. 44 59 p., The Southern High Plains includes your area of interest. This report indicates that groundwater in the Southern High Plains is normally encountered at reasonably shallow depths with a saturated thickness generally less than 200 feet. This report is available through the NMWRRI, New Mexico State University, Box 3167, Las Cruces, New Mexico 88003.

Please let me know if further discussion of this matter would be helpful.

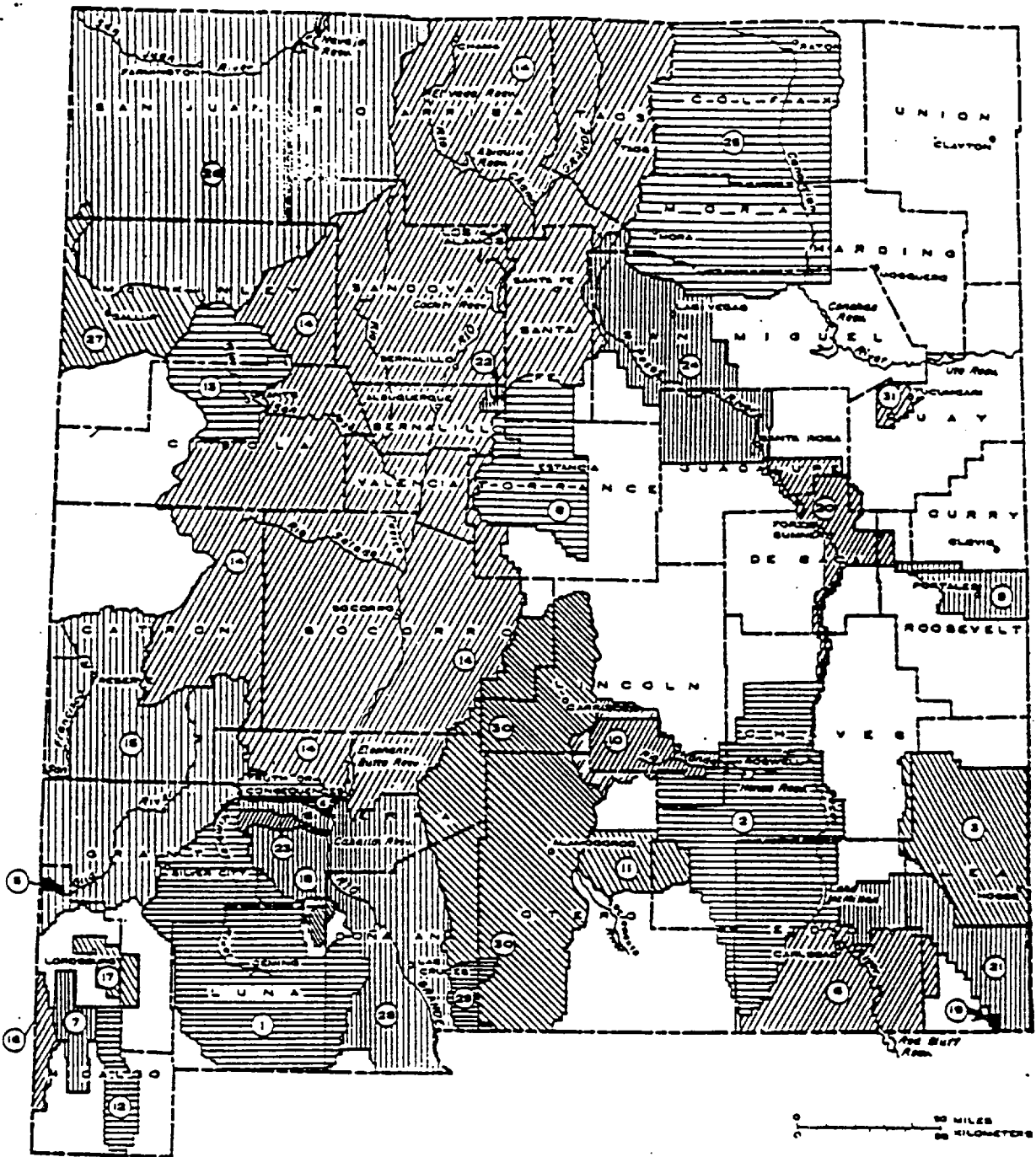
Sincerely,



S.E. Reynolds
State Engineer

SER:egr

Enclosure



DECLARED UNDERGROUND WATER-BASINS IN NEW MEXICO

BASIN	AREA IN SQUARE MI.	BASIN	AREA IN SQUARE MI.
1. MINERES VALLEY	4,278	16. SAN SIMON	263
2. ROSWELL	4,281	17. LONGSBURG VALLEY	329
3. LEA COUNTY	2,180	18. NUTT-HOCKETT	133
4. HOT SPRINGS	284	19. JAL	18
5. VIRGEN VALLEY	19	20. FORT SUMNER	1,059
6. CARLSBAD	1,968	21. CAPITAN	1,550
7. ANIMAS	426	22. SANDIA	73
8. ESTANCIA	1,724	23. LAS ANIMAS CREEK	131
9. PORTALES	628	24. UPPER Pecos	2,708
10. MONDO	901	25. CANADIAN RIVER	5,825
11. PENASCO	723	26. SAN JUAN	9,727
12. PLAYAS VALLEY	518	27. GALLUP	1,439
13. BLUEWATER	1,316	28. LOWER RIO GRANDE	3998
14. RIO GRANDE	29,209	29. MUEGO	286
15. GILA-SAN FRANCISCO	5,659	30. TULAROSA	6,970
		31. TUGUMGARI	177
			84,723

ILLEGIBLE

State of New Mexico
Energy and Minerals Department
Oil Conservation Division

COUNTY OF OKLAHOMA)
)
STATE OF OKLAHOMA)

Affidavit of Mailing

The undersigned hereby certifies that on this 20th day of April, 1989, he sent copies of the attached Application for Authorization to Inject by certified U. S. Mail, return receipt requested, to the parties listed below:

Surface Owners

Paul Davis, Thomas E. Davis, Jr., Marqurete S. Davis and Thomas H. Davis,
trustees for H. H. and Margurate S. Davis Trust dated 6/16/87
South Star Route
Elida, NM 88116

Finus M. and Laura J. Tucker Revocable Trust
United New Mexico Trust Co.
P. O. Box 1927
Roswell, NM 88201

Leasehold Operators Within One-Half Mile

Murphy Operating Co.
P. O. Box 2648
Roswell, New Mexico 88202-2648
Attn: Ann Murphy Ezzell

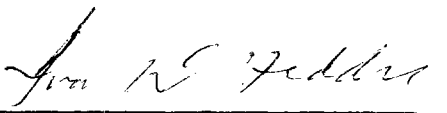
Fina Oil and Chemical Company
1004 N. Big Spring Street
Suite 400
P. O. Box 2990
Midland, TX 79701

Yates Petroleum Corporation
Yates Building
207 South Fourth
Artesia, NM 88210

Bristol Resources Corporation
3601 East 51st St.
Suites B&C
Tulsa, OK 74136
Attn: Mr. Bob Key

Warren American Oil Company
P. O. Box 971
Midland, TX 79702
Attn: Mr. James A. O'Neill

Marathon Oil Company
P. O. Box 552
125 West Missouri Street
Midland, TX 79702


Ivan D. Geddie
T-25C McGee Tower
P. O. Box 25861
Oklahoma City, OK 73125
Tel: (405) 270-2124

Sworn to before me, a Notary Public, this 20th day of April, 1989.

My commission expires:

4-13-93


Notary Public in and for
Oklahoma County, Oklahoma