

TABLE I
 PERFORMANCE HISTORY
 CENTRAL DRINKARD UNIT
 DRINKARD POOL
LEA COUNTY, NEW MEXICO

| <u>Month and Year</u> | <u>Oil Bbls.</u> | <u>Water Bbls.</u> | <u>Gas MCF</u> | <u>GOR CF/B</u> | <u>Water Inj. Bbls.</u> | <u>Wellhead Inj. Pressure PSI</u> |
|-------------------------------|----------------------|------------------------|--------------------|---------------------|-----------------------------|---|
| <u>1965</u> | | | | | | |
| January | 7,647 | 874 | 145,550 | 19,009 | | |
| February | 7,041 | 709 | 119,890 | 17,027 | | |
| March | 8,222 | 732 | 154,660 | 18,811 | | |
| April | 7,117 | 616 | 131,030 | 18,411 | | |
| May | 7,225 | 733 | 145,155 | 20,091 | | |
| June | 6,059 | 570 | 120,159 | 19,831 | | |
| July | 6,976 | 249 | 142,922 | 20,488 | | |
| August | 7,956 | 457 | 177,664 | 22,331 | | |
| September | 7,624 | 354 | 174,857 | 22,935 | | |
| October | 7,442 | 356 | 175,190 | 23,541 | | |
| November | 7,723 | 332 | 174,724 | 22,624 | | |
| December | 7,638 | 647 | 168,427 | 22,051 | | |
| Yearly | 88,670 | | | | | |
| Accumulated | 9,225,855 | | | | | |
| <u>1966</u> | | | | | | |
| January | 8,146 | 518 | 158,437 | 19,449 | | |
| February | 7,194 | 547 | 156,955 | 21,817 | | |
| March | 7,876 | 628 | 160,664 | 20,399 | | |
| April | 7,210 | 543 | 177,954 | 24,682 | | |
| May | 7,244 | 645 | 159,518 | 22,021 | | |
| June | 7,309 | 297 | 189,314 | 25,901 | | |
| July | 7,081 | 284 | 198,604 | 28,047 | | |
| August | 6,750 | 502 | 187,102 | 27,719 | | |
| September | 7,065 | 518 | 182,323 | 25,809 | | |
| October | 7,324 | 500 | 187,342 | 25,579 | | |
| November | 7,099 | 386 | 171,602 | 24,173 | | |
| December | 7,695 | 537 | 163,496 | 21,247 | | |
| Yearly | 87,993 | | | | | |
| Accumulated | 9,313,848 | | | | | |

Case No. 7657

Exhibit No. 6

February 2, 1972

TABLE I

| <u>Month and Year</u> | <u>Oil Bbls.</u> | <u>Water Bbls.</u> | <u>Gas MCF</u> | <u>GOR CF/B</u> | <u>Water Inj. Bbls.</u> | <u>Wellhead Inj. Pressure PSI</u> |
|-------------------------------|----------------------|------------------------|--------------------|---------------------|-----------------------------|---|
| <u>1967</u> | | | | | | |
| January | 7,257 | 487 | 158,238 | 21,805 | | |
| February | 7,169 | 497 | 151,305 | 21,105 | | |
| March | 7,416 | 546 | 172,128 | 23,210 | | |
| April | 7,663 | 539 | 178,916 | 23,348 | | |
| May | 7,322 | 524 | 195,209 | 26,661 | | |
| June | 8,173 | 488 | 223,950 | 27,401 | | |
| July | 8,277 | 455 | 243,216 | 29,385 | | |
| August | 7,891 | 468 | 222,197 | 28,158 | | |
| September | 6,721 | 149 | 174,845 | 26,015 | 102,782 | 452 |
| October | 6,907 | 417 | 181,062 | 26,214 | 180,068 | 379 |
| November | 7,310 | 416 | 195,788 | 26,784 | 186,748 | 467 |
| December | 6,838 | 318 | 190,462 | 27,853 | 187,968 | 688 |
| Yearly | 88,944 | | | | 657,566 | |
| Accumulated | 9,402,792 | | | | 657,566 | |
| <u>1968</u> | | | | | | |
| January | 6,878 | 367 | 185,184 | 26,924 | 179,519 | 728 |
| February | 6,740 | 299 | 177,948 | 26,402 | 136,805 | 665 |
| March | 6,899 | 376 | 187,787 | 27,219 | 159,104 | 698 |
| April | 6,162 | 347 | 180,497 | 29,292 | 180,571 | 848 |
| May | 6,460 | 380 | 194,712 | 30,141 | 185,982 | 822 |
| June | 5,499 | 67 | 185,428 | 33,720 | 170,117 | 824 |
| July | 5,895 | 110 | 182,099 | 30,890 | 161,498 | 896 |
| August | 5,960 | 114 | 181,493 | 30,452 | 185,055 | 896 |
| September | 5,786 | 117 | 172,122 | 29,748 | 179,229 | 908 |
| October | 6,060 | 93 | 176,270 | 29,087 | 171,042 | 898 |
| November | 6,135 | 85 | 180,830 | 29,475 | 172,353 | 896 |
| December | 6,128 | 56 | 162,922 | 26,586 | 189,396 | 937 |
| Yearly | 74,602 | | | | 2,070,671 | |
| Accumulated | 9,477,394 | | | | 2,728,237 | |

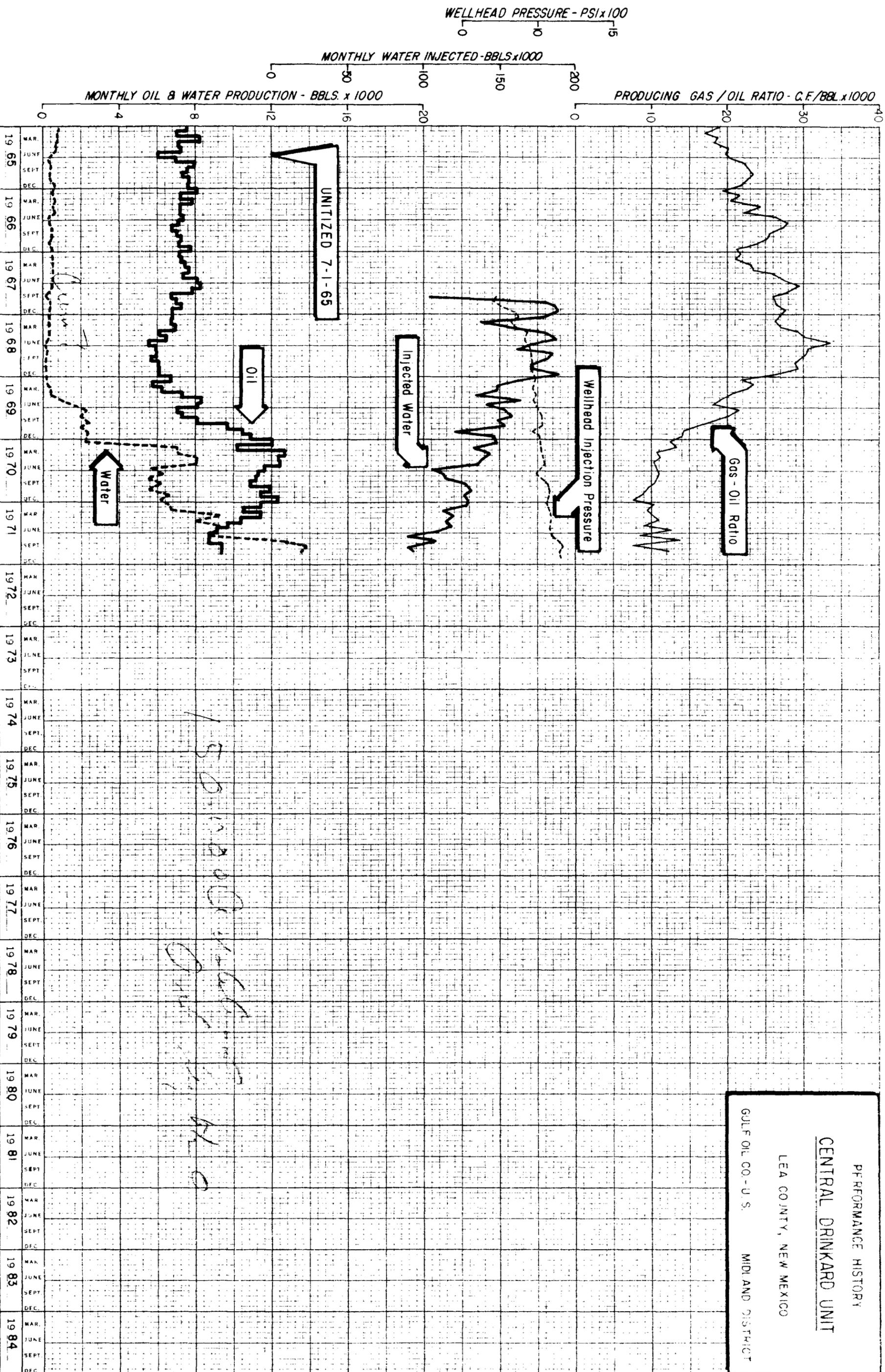
TABLE I

| <u>Month and Year</u> | <u>Oil Bbls.</u> | <u>Water Bbls.</u> | <u>Gas MCF</u> | <u>GOR CF/B</u> | <u>Water Inj. Bbls.</u> | <u>Wellhead Inj. Pressure PSI</u> |
|-------------------------------|----------------------|------------------------|--------------------|---------------------|-----------------------------|---|
| <u>1969</u> | | | | | | |
| January | 6,696 | 173 | 147,812 | 22,077 | 162,071 | 972 |
| February | 5,724 | 217 | 134,046 | 23,418 | 148,297 | 948 |
| March | 6,369 | 432 | 144,105 | 22,626 | 148,899 | 931 |
| April | 7,379 | 300 | 150,596 | 20,409 | 133,228 | 971 |
| May | 8,346 | 964 | 159,595 | 19,122 | 163,901 | 952 |
| June | 8,177 | 1,556 | 147,718 | 18,065 | 140,288 | 969 |
| July | 7,002 | 2,274 | 150,537 | 21,499 | 153,859 | 1,036 |
| August | 7,290 | 1,945 | 148,324 | 20,346 | 158,923 | 1,066 |
| September | 8,046 | 2,356 | 146,905 | 18,258 | 148,589 | 1,058 |
| October | 9,625 | 1,965 | 155,943 | 16,202 | 153,743 | 1,047 |
| November | 10,588 | 2,342 | 152,377 | 14,391 | 119,348 | 921 |
| December | 10,900 | 2,274 | 153,754 | 14,106 | 146,817 | 1,011 |
| Yearly | 96,142 | | | | 1,777,963 | |
| Accumulated | 9,573,536 | | | | 4,506,200 | |
| <u>1970</u> | | | | | | |
| January | 12,075 | 2,209 | 152,354 | 12,617 | 148,573 | 1,025 |
| February | 10,283 | 7,013 | 137,038 | 13,327 | 132,038 | 1,034 |
| March | 12,748 | 7,124 | 138,612 | 10,873 | 144,486 | 1,044 |
| April | 12,485 | 8,102 | 140,721 | 11,271 | 138,022 | 1,070 |
| May | 12,567 | 8,071 | 128,577 | 10,231 | 136,098 | 1,090 |
| June | 11,615 | 5,779 | 121,183 | 10,433 | 104,840 | 1,027 |
| July | 11,326 | 6,389 | 126,406 | 11,161 | 113,675 | 972 |
| August | 11,431 | 5,563 | 125,399 | 10,970 | 114,595 | 1,037 |
| September | 10,920 | 6,235 | 114,727 | 10,506 | 127,580 | 1,132 |
| October | 11,926 | 5,752 | 115,628 | 9,695 | 131,865 | 1,140 |
| November | 11,480 | 6,606 | 102,230 | 8,905 | 126,781 | 1,134 |
| December | 12,357 | 6,164 | 95,591 | 7,736 | 128,875 | 1,112 |
| Yearly | 141,213 | | | | 1,547,428 | |
| Accumulated | 9,714,749 | | | | 6,053,628 | |

TABLE I

| <u>Month and Year</u> | <u>Oil Bbls.</u> | <u>Water Bbls.</u> | <u>Gas MCF</u> | <u>GOR CF/B</u> | <u>Water Inj. Bbls.</u> | <u>Wellhead Inj. Pressure PSI</u> |
|-------------------------------|----------------------|------------------------|--------------------|---------------------|-----------------------------|---|
| <u>1971</u> | | | | | | |
| January | 11,420 | 6,667 | 115,809 | 10,141 | 128,940 | 1,128 |
| February | 10,551 | 6,685 | 101,524 | 9,622 | 112,993 | 1,141 |
| March | 11,461 | 9,314 | 116,801 | 10,191 | 119,207 | 1,164 |
| April | 10,406 | 7,928 | 115,318 | 11,082 | 115,796 | 1,171 |
| May | 9,762 | 9,397 | 87,939 | 9,008 | 118,414 | 1,168 |
| June | 9,127 | 9,119 | 116,836 | 12,801 | 108,084 | 1,162 |
| July | 8,747 | 8,741 | 73,143 | 8,362 | 89,699 | 1,162 |
| August | 8,683 | 12,785 | 120,980 | 13,933 | 108,549 | 1,271 |
| September | 9,365 | 13,819 | 71,206 | 7,603 | 88,789 | 1,312 |
| October | 9,361 | 13,578 | 115,535 | 12,342 | 93,998 | 1,283 |
| November | | | | | 96,225 | 1,300 |

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE



Case No. 4652
 Exhibit No. 2
 February 2, 1972

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 4652
Order No. R-4256

APPLICATION OF GULF OIL
CORPORATION FOR A WATERFLOOD
EXPANSION, LEA COUNTY, NEW
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on February 2, 1972, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 8th day of February, 1972, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Gulf Oil Corporation, seeks authority to expand its waterflood project in the Central Drinkard Unit Area, Drinkard Pool, by the injection of water into the Drinkard formation through 15 additional injection wells in Sections 28, 29, 31, 32, and 33, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.

(4) That the proposed expansion of the waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

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CASE NO. 4652
Order No. R-4256

(5) That the subject application should be approved and the expanded project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Gulf Oil Corporation, is hereby authorized to expand its waterflood project in the Central Drinkard Unit Area, Drinkard Pool, by the injection of water into the Drinkard formation through the following-described wells in Township 21 South, Range 37 East, NMPM, Lea County, New Mexico:

| <u>Central Drinkard Unit Well No.</u> | <u>Unit</u> | <u>Section</u> |
|---------------------------------------|-------------|----------------|
| 111 | G | 28 |
| 107 | G | 29 |
| 162 | K | 29 |
| 164 | M | 29 |
| 121 | O | 29 |
| 135 | A | 31 |
| 151 | I | 31 |
| 131 | A | 32 |
| 133 | C | 32 |
| 137 | E | 32 |
| 139 | G | 32 |
| 149 | I | 32 |
| 141 | E | 33 |
| 143 | G | 33 |
| 147 | K | 33 |

(2) That the expanded waterflood project shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(3) That monthly progress reports of the expanded waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

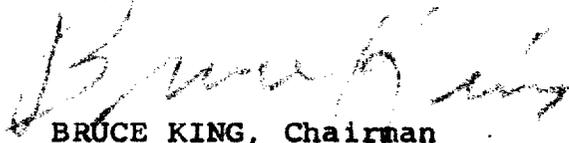
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CASE NO. 4652

Order No. R-4256

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

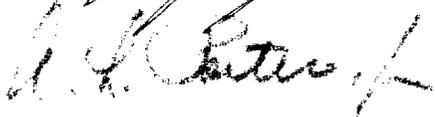
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



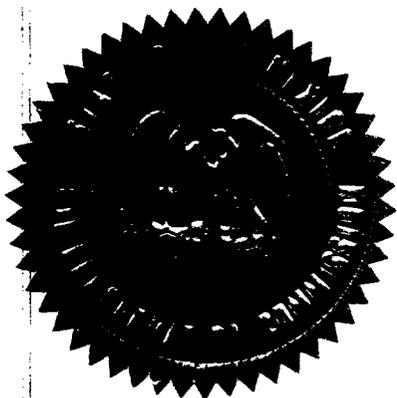
BRUCE KING, Chairman



ALEX J. ARMIJO, Member



A. L. PORTER, Jr., Member & Secretary



S E A L