



Chevron U.S.A. Inc.
P.O. Box 1635, Houston, TX 77251 • Phone (713) 754-2681

Ray M. Vaden
Land Representative
Interior Division
Land Department
Central Region

BEFORE EXAMINER CATANACH OIL CONSERVATION DIVISION <u>CHEVRON</u> EXHIBIT NO. <u>41</u> CASE NO. <u>10059-61</u>

July 15, 1990

Lessees of Record and
Owners of Working Interests,
Royalty Interests, and Overriding
Royalty Interests in the
Eunice Monument South Unit,
Lea County, New Mexico

NOTICE

Proposed Statutory Expansion of
the Eunice Monument South Unit,
Lea County, New Mexico and OCD
Hearing for Unit Expansion
Scheduled on August 22, 1990

Dear Unit Interest Owner:

Notice

Chevron has scheduled a hearing with the New Mexico Oil Conservation Division (OCD) for the purpose of Expansion of the Eunice Monument South Unit. The hearing will be on August 22, 1990, in Santa Fe, New Mexico. You are notified that you have the right to appear at the hearing, to make a statement to the Division, to present evidence and cross-examine witnesses either in support of or in opposition to the proposed Expansion. You may contact the undersigned for more information. Should you desire to participate in the hearing you should file a written Prehearing Statement with the Division by 4 p.m. on August 17, 1990. If the OCD issues orders prescribing and approving the planned expansion, a copy of these orders along with notice of the agreed upon effective date for expansion and the commencement of unitized operations for the Expansion Area B will be sent to you. We hope to complete the unit expansion by the fourth quarter of 1990 and commence actual water injection by the 1st quarter of 1991.

Note: Your interests in production from the existing Eunice Monument South Unit (EMSU) are not affected by expansion. All production from the proposed expansion area will be allocated back to the owners of the expansion area, and all production from the existing EMSU will continue to be allocated to the owners thereof.

History of Unit

The EMSU was approved as a Federal/State Statutory Unit by order of the OCD in December of 1984. The Unit became effective with the commencement of unitized operations beginning at 7:00 A.M. on February 1, 1985.

As we explained in our Royalty Owner's Overview printed and distributed in 1984, the working interest owners are paying the costs to drill into San Andres Formation, at a depth greater than 3/4 of a mile beneath the surface, to produce non-potable salt water to inject into the Eunice Monument Oil bearing rocks above the San Andres Formation. The injected water forces additional oil out of small rock pores into offsetting producing wells. Water and oil are then

produced through the well casing, along with a small amount of casinghead gas, into treatment facilities, separators (to separate oil, water and gas) and storage facilities for pipeline sales. The produced water is reinjected into the ground and the oil, or proceeds from the sale of the oil, is allocated back to the tracts, and the appropriate owners thereof. The amount allocated to each tract is based upon each tract's participation (or percentage) of the total unit's production.

The underground reservoir for Eunice Monument Oil production is not yet completely filled with water. Our original prediction calling for increased response and production over the next four years, with peak response around 1995, appears to be accurate. The reservoir's waterflood response, as measured from selected wells in the unit, is currently exceeding predictions. This response has encouraged the working interest owners to expand the existing EMSU to include approximately 3000 acres into the existing 14,189.84 acre unit.

Unit Area and Ownership as Shown on Exhibits A&B

The area to be included into the unit by expansion is shown on the attached revised EMSU Exhibit "A" as Area B. The existing unit area is shown as Area A. The enclosed Exhibit "B" to the EMSU Unit Agreement shows the lands and ownership within the Existing Unit Area A (tracts 1 through 101) as well as in the proposed Expansion Area B (tracts 102 through 112). The six working interest owners in the expansion area are also working interest owners in the existing unit area. There are approximately 100 royalty or overriding royalty owners in the expansion area and many of these owners also have an interest in the existing unit area. There are over 500 owners in the existing Unit Area.

The interest of each royalty and overriding royalty owner, as shown in Exhibit B, was provided to Chevron by the working interest owner who is responsible for paying royalty and overriding royalty owners for their share of each tract's allotted production. You are paid in accordance with the division pay order that you received, signed and returned to the company distributing your checks. The ownership information shown on Exhibit B was compiled from information received within the past 45 days from the company distributing your unit proceeds. If you believe it is incorrect, please contact the company now sending your oil payment check, and also ask them to send Chevron instructions to correct your interest on the EMSU Exhibit B. Even after unitization the responsibility for disbursing royalty or overriding royalty payments will be the responsibility of the working interest owner or company currently making payments to you. Chevron as unit operator, will simply provide the manpower, technical expertise, equipment, contract supervision, and services necessary to operate the unit area for and on behalf of all the working interest owners in the unit.

Unit Expansion Area Boundaries

The boundaries for Expansion Area B were based upon geological reservoir characteristics that are similar to the existing EMSU. These boundaries have been approved by the working interest owners of both the existing unit area and the expansion area. They have also received preliminary approval from the Bureau of Land Management (BLM), and the State Land Office. Seventy-six percent (76%) of the lands in the expansion area are federal lands and thirteen percent (13%) are state lands. The remaining eleven percent (11%) are private or patented fee lands.

Reason for Expansion

The working interest owners of the existing unit and of the proposed expansion area have agreed that the expansion of the EMSU will provide the proposed unit area B with more expedient waterflood capabilities than they would realize if they formed a new separate unit.

By utilizing some of the existing water supply wells (San Andres formation brackish water), lines and equipment, it will also conserve resources and costs and prevent the drilling of unnecessary wells without apparent adverse affects to the existing unit operations.

Basis of Admission for Expansion Area

The working interest owners of the existing unit have invested over 50 million dollars in equipment and facilities to facilitate the existing waterflood operations in the EMSU. As a "Basis of Admission" the Working Interest Owners in both the existing unit area and the working interest owners in the expansion area have agreed that the expansion area working interest owners will pay to the working interest owners of the existing unit area an agreed upon amount to utilize some of the existing unit facilities for the expansion area. They have also agreed upon an equitable and fair method of allocating cost by and between the working interest owners of the existing unit area and the expansion area. The details of the working interest owners allocation of costs and credits must receive OCD approval (as a fair and equitable plan) before an order approving the unit expansion will be issued.

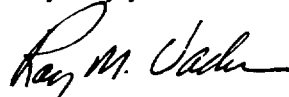
Separation of Unit Area A Costs and Production from that of Unit Area B

During the time secondary oil is being recovered through waterflooding, the working interest owners have agreed to measure and separately account for all oil produced from both the existing unit area and the expansion area. Therefore, although both areas would be operated by Chevron under a common unit and unit operating agreement (or plan) the production from Unit Area B (tracts 102 through 112) will be allocated back to each of the tracts within Unit Area B. The existing unit production from Area A will continue (unchanged) to be allocated back to each of the tracts in the existing Unit Area A (tract 1 through 101) in the same manner as currently approved by the owners and the OCD. Therefore, your working interests, royalty interests or overriding royalty interests in production will not change by virtue of this expansion. The working interest owners who pay the capital and operating costs for the unit have also agreed to what they believe is a fair and equitable method of allocating costs separately to the working interest owners of each area, and to a separate expenditure (voting) approval procedure to control the operations within each unit area.

Authorization for Unit Expansion - Objections Thereto

Various sections of the EMSU Unit Agreement provide for and authorize the proposed unit expansion. This notice is in compliance with the terms of Section 4 of the Eunice Monument South Unit Agreement, and is also provided in reference to the provisions of the New Mexico Statutory Unitization Act (70-7-1 through 70-7-21 N.M.S.A., 1978, Ann.). Section 4 (b) 2. of the EMSU Unit Agreement requires that this notice be sent to the New Mexico OCD, the Land Commissioner, the Authorized Officer of the Bureau of Land Management, the Working Interest Owners, and the Lessees and Lessors whose interests are affected. It also requires that 30 days be allowed for you to submit to Chevron, as unit operator, any objections to the proposed expansion. Therefore, please submit any objections that you may have to this expansion to my attention within 30 days from the date hereof.

Very truly yours,



Ray M. Vaden
Land Representative

R 36 E R 37 E

UNIT AREA "B"

T
20
S

UNIT AREA "B"

	ACREAGE	PERCENTAGE
FEDERAL LANDS	2,280	76.00
STATE LANDS	400	13.33
PATENTED LANDS	320	10.67
TOTAL	3,000	100.00

UNIT AREA B OUTLINE (80) TRACT NUMBER

UNIT AREA "A"

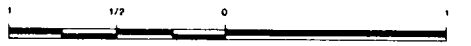
	ACREAGE	PERCENTAGE
FEDERAL LANDS	2,734.76	19.27
STATE LANDS	8,274.80	58.32
PATENTED LANDS	3,180.28	22.41
TOTAL	14,189.84	100.00

UNIT AREA A OUTLINE (103) TRACT NUMBER

UNIT AREAS "A" & "B" OF THE EUNICE MONUMENT SOUTH UNIT

	ACREAGE	PERCENTAGE
FEDERAL LANDS	5,014.76	29.17
STATE LANDS	8,674.80	50.47
PATENTED LANDS	3,500.28	20.36
TOTAL	17,189.84	100.00

UNIT BOUNDARY (90) TRACT NUMBER



NOTE: UNLESS OTHERWISE INDICATED THE VARIOUS SECTIONS ON THIS PLAT CONTAIN 360 ACRES

R 36 E

R 37 E

UNIT EFFECTIVE 2-1-85
UNIT EXPANSION AREA "B" ADDED
EFFECTIVE _____ 1990

REV. 10-4-84
REV. 2-1-85
REV. 3-20-90

2
(NO. 00)

R 35 E

R 36 E

T
21
S

UNIT AREA "A"

R 35 E R 36 E

EXHIBIT "A"

EUNICE MONUMENT SOUTH
UNIT AREA

LEA COUNTY, NEW MEXICO

CHEVRON U.S.A. INC.
HOUSTON, TEXAS

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

FEDERAL LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	SERIAL NO. AND EFFECTIVE DATE	BASIC ROYALTY OWNER AND PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT	
001 MEYER "A-1"	T-21-S, R-36-E, NMPM SEC. 8: SW1/4 SEC. 17: SW1/4, S1/2 NW1/4 SEC. 18: NE1/4, N1/2 SE1/4	640.00	LC-031740-A HBP 02/19/31 EXCHANGED 02/01/51	USA "C"	A. E. MEYER	ATLANTIC RICHFIELD COMPANY BEDFORD, ALANN P., TRUST BEDFORD, HELEN LEARMONT BEDFORD, HENRY D BOWEN, RACHEL BEDFORD BRADLEY NOMINEE CORPORATION COLL, CHARLES H. COLL, JAMES M. COLL, JON F. COLL, MAX W. II ETZ OIL PROPERTIES, LIMITED ETZ, GEORGE H. SR., TRUST FIVE STATES LIMITED 1987 GARLAND MINERALS CORPORATION GILBERT, JOE HENCKEL, RODNEY KEC ACQUISITION CORP. LAW, MARILYN M., REVOC TRUST LYETH, PATRICIA D. MARY IRIS GOLDSTON CORPORATION MAYFIELD CORPORATION MITCHELL MINERALS CORPORATION MITCHELL, JOHN JEFFERSON MOREY, JAMES M. TEST TRUST MOREY, JIMMY D., REVOC TRUST RUDY, ELLIS SMITH, MELTON WILLIAMS, ELLEN ANNE W. WISER OIL COMPANY	AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY CHEVRON U.S.A. INC. CONOCO INC.	25.000000 25.000000 25.000000 25.000000 0.18420 0.115132 0.132392 0.132412 0.132392 0.132412 0.172692 0.172692 0.460572 0.118816 0.013816 0.013816 0.574220 0.103616 0.414472 1.193684 1.193684 0.055264 0.142304 0.207236 0.103620 0.001432 0.031776 0.018420 0.276312	8.3087580
*** TOTAL ACRES IN THIS AREA IS 14,189.84 ***									
002 LOCKHART "A-1B"	T-21-S, R-36-E, NMPM SEC. 18: LOTS 3,4 E1/2 SW1/4	229.97	LC-032099-A HBP 06/23/31	USA "C"	CONOCO INC. CHEVRON U.S.A. INC. AMOCO PRODUCTION CO. ANDREWS, SELMA E. TRUST	AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY CHEVRON U.S.A. INC.	25.000000 25.000000 25.000000	0.9714060	

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

FEDERAL LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	SERIAL NO. AND EFFECTIVE DATE	BASIC ROYALTY OWNER AND PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
	S1/2 S81/4		EXCHANGED 06/01/51		ATLANTIC RICHFIELD COMPANY	BORDAGES, CECIL P., II	0.072910	25.000000
						BORDAGES, JOYCE	0.072920	
						BOYS CLUB OF AMERICA	0.033330	
						BRaille INSTITUTE OF AMERICA INC	0.612720	
						BYRD, KATHRYN M.	0.003480	
						CLINE, JEAN K.	0.003470	
						CLINE, RICHARD L. JR.	0.003470	
						CROTTY, BETTY BELL	0.003910	
						DRAKE, VIRGINIA M.	0.005210	
						ELKS NATIONAL FOUNDATION	0.033330	
						ELLIOTT OIL COMPANY	0.166670	
						ETZ OIL PROPERTIES, LIMITED	0.250000	
						ETZ, GEORGE H. SR., TRUST	0.250000	
						FARRELL, BARBARA CHRISTMAN	0.001300	
						GILMER, DOLORES	0.003900	
						GUTMAN, CHARLES	0.027770	
						GUTMAN, MAX, TRUST	0.055560	
						GUTTAG, BETTY	0.027780	
						HIGGINS TRUST INC.	0.333330	
						HYMAN, MARY JANE	0.027780	
						HYMAN, MARY JANE, TRUSTEE	0.027780	
						KING, BUFORD I., TRUSTEE	0.041670	
						LANE, VIRGINIA B., ESTATE	0.003910	
						LEONARD, PATRICK J.	0.055560	
						LEONARD, ROBERT J.	0.055550	
						LEONARD, TIMOTHY T.	0.055550	
						MARTIN, BETTY B.	0.001300	
						MCKONE, ARTHUR EUGENE	0.041670	
						MOBIL PRODUCING TEXAS & NEW MEXICO INC.	0.666660	
						NEW MEXICO BOYS RANCH	0.033340	
						NINIAN OIL COMPANY	0.027775	
						PEDLEY, DAVID M.	0.005560	
						PEDLEY, JOHN C.	0.005560	
						PEDLEY, LAWRENCE L.	0.005550	
						PEDLEY, T.A. JR.	0.016660	
						REGENTS OF THE UNIVERSITY OF COLORADO	0.013890	
						REGENTS OF THE UNIVERSITY OF NEW MEXICO	0.033340	

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

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 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

FEDERAL LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	SERIAL NO. AND EFFECTIVE DATE	BASIC ROYALTY OWNER AND PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
003 LOCKHART "B-14"	T-21-S, R-36-E, NMPM SEC. 14: NW/2 NW/2, E1/2 E1/2	370.00	LC-032099-B HBP 06/23/31 EXCHANGED 07/01/52	USA	CONOCO INC. CHEVRON U.S.A. INC. AMOCO PRODUCTION CO. ATLANTIC RICHFIELD	ROSS, REEDE CHRISTMAN (MRS.) SADLER, JACKSON L. SHATTUCK-ST. MARY'S SCHOOLS SMITH, JOSEPHINE M., TRUST SOCOLOM, EDITH G. AND A. WALTER SOCOLOM TEXARO OIL COMPANY	AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY CHEVRON U.S.A. INC. CONOCO INC.	0.6475550
004 LOCKHART "B-13"	T-21-S, R-36-E, NMPM SEC. 13: NW1/4 NW1/4	40.00	LC-032099-B HBP 06/23/31 EXCHANGED 07/01/52	USA	CONOCO INC. CHEVRON U.S.A. INC. AMOCO PRODUCTION CO. ATLANTIC RICHFIELD		AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY CHEVRON U.S.A. INC. CONOCO INC.	0.0708830
005 MEYER "B-18"	T-21-S, R-36-E, NMPM SEC. 18: LOTS 1,2, E1/2 NW1/4	149.91	LC-031740-B HBP 10/26/34 EXCHANGED 10/01/54	USA	LOIS E. MEYER		AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY CHEVRON U.S.A. INC. CONOCO INC.	0.2547600
006 MEYER "B-17"	T-21-S, R-36-E, NMPM SEC. 17: E1/2 SE1/4	80.00	LC-031740-B HBP 10/26/34 EXCHANGED 10/01/54	USA	LOIS E. MEYER		AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY CHEVRON U.S.A. INC. CONOCO INC.	0.3731440
007 MEYER "B-4"	T-21-S, R-36-E, NMPM SEC. 4: LOT 1,2,3,6,7,8,9,10, 11,14,15,16, E1/2 SW1/4, SE1/4	714.88	LC-031740-B HBP 10/26/34 EXCHANGED 10/01/54	USA	LOIS E. MEYER		AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY CHEVRON U.S.A. INC. CONOCO INC.	6.6645060

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'

SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
EUNICE MONUMENT SOUTH UNIT AREA - A
LEA COUNTY, NEW MEXICO

JULY 12, 1990

FEDERAL LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	SERIAL NO. AND EFFECTIVE DATE	BASIC ROYALTY OWNER AND PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
008 MEYER "B-8"	T-21-S, R-36-E, N1/4 SEC. 8: NW1/4	160.00	LC-031740-B HBP 10/26/34 EXCHANGED 10/01/54	USA "D"	LOIS E. MEYER		AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY CHEVRON U.S.A. INC. CONOCO INC.	9.0594530
009 MEYER "B-9"	T-21-S, R-36-E, N1/4 SEC. 9: E1/2 W1/2	160.00	LC-031740-B HBP 10/26/34 EXCHANGED 10/01/54	USA "D"	LOIS E. MEYER		AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY CHEVRON U.S.A. INC. CONOCO INC.	1.3261040
010 GILLULY "A"	T-20-S, R-36-E, N1/4 SEC. 25: W1/2 NE1/4, NE1/4 SW1/4	120.00	LC-031736-A HBP 03/30/37 EXCHANGED 03/01/57	USA "C"	AMOCO PRODUCTION CO. BEAMS MINERALS COMPANY BRATTLE INSTITUTE OF AMERICA INC BRAUCHLI, C R CRAIG LTD DEVENPORT, JUDITH H., TRUSTEE DOLLEY, ROBERT C. GALLANT, CLARADEAN JENKINS, MARGARET B KEEFEER, LEONARD D MACCAUGHRY, LINA R AND LAWRENCE R PAYNE, JULIA H PAYNE, WESTON, TRUST UNION TEXAS PETROLEUM CORPORATION WARD, DANIEL ROBERT WARD, LINDA DOLLEY WILLETS, ELMORE A. JR.,	2.685250 0.044650 2.314750 0.011160 0.233520 0.011390 0.150000 0.125000 0.011160 0.250000 0.375000 0.250000 0.064730 0.016960 0.027680 0.323660 0.500000 0.100000 0.005090	100.000000 0.5844610	
011 GILLULY "B" FEDERAL	T-20-S, R-36-E, N1/4 SEC. 25: NW1/4 SW1/4	40.00	LC-03136-B HBP 03/30/37	USA "C"	AMOCO PRODUCTION CO		AMOCO PRODUCTION COMPANY, U.S.A.	0.0270770

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

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 LEA COUNTY, NEW MEXICO

JULY 12, 1990

STATE LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	SERIAL NO. AND EFFECTIVE DATE	BASIC ROYALTY OWNER AND PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
013 J. J. JANDA (NCT-C)	T-21-S, R-36-E, NMPM SEC. 15: SW1/4	160.00	B-229-1 HBP 02/28/28	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A. INC.		CHEVRON U.S.A. INC.	1.0553500
014 ARNOTT-RAMSAY (NCT-C)	T-21-S, R-36-E, NMPM SEC. 21: NW1/4, N1/2 SW1/4, N1/2 NE1/4, SW1/4 NE1/4, N1/2 SE1/4	440.00	B-229-1 HBP 02/28/28	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A. INC.		CHEVRON U.S.A. INC.	2.7396130
015 R. R. BELL (NCT-F)	T-20-S, R-36-E, NMPM SEC. 36: W1/2	320.00	B-230-1 HBP 02/28/28	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A. INC.		CHEVRON U.S.A. INC.	3.1955070
016 R. R. BELL (NCT-D)	T-21-S, R-36-E, NMPM SEC. 6: LOTS 17,18	70.37	B-230-1 HBP 02/28/28	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A. INC.		CHEVRON U.S.A. INC.	0.6821390
017 R. R. BELL (NCT-B)	T-21-S, R-36-E, NMPM SEC. 6: E1/2 SE1/4	80.00	B-230-1 HBP 02/28/28	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A. INC.		CHEVRON U.S.A. INC.	3.7267870
018 BELL-RAMSEY (NCT-A)	T-21-S, R-36-E, NMPM SEC. 4: LOTS 4,5,12,13, W1/2 SW1/4	238.72	B-230-1 HBP 02/28/28	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A. INC.		CHEVRON U.S.A. INC.	1.4595700
019 R. R. BELL (NCT-A)	T-21-S, R-36-E, NMPM SEC. 8: S1/2 SE1/4	80.00	B-230-1 HBP 02/28/28	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A. INC.		CHEVRON U.S.A. INC.	0.4261010

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

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 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
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JULY 12, 1990

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027				12.500000				
028 STATE "H"	T-21-S, R-36-E, NMPM SEC. 5: LOTS 9,10,15,16	160.00	B-2139-3 HBP 10/05/28	STATE OF NEW MEXICO 12.500000	ATLANTIC RICHFIELD COMPANY		ATLANTIC RICHFIELD COMPANY	0.934980
029 SUNSHINE	T-20-S, R-37-E, NMPM SEC. 30: LOT 4, E1/2 SW1/4	119.69	B-2194-3 HBP 10/26/28	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A. INC.		CHEVRON U.S.A. INC.	0.4053590
030 SKELLY "B" STATE	T-21-S, R-36-E, NMPM SEC. 16: NW1/4, NW1/4 NE1/4	200.00	B-1327 HBP 11/02/28	STATE OF NEW MEXICO 12.500000	GETTY OIL COMPANY		TEXACO PRODUCING, INC.	1.3284230
031 MEXICO "V"	T-21-S, R-36-E, NMPM SEC. 16: SW1/4 NE1/4	40.00	B-1327 HBP 11/02/28	STATE OF NEW MEXICO 12.500000	GETTY OIL COMPANY		TEXACO PRODUCING, INC.	0.1375200
032 SKELLY "H" STATE	T-20-S, R-36-E, NMPM SEC. 25: W1/2 NW1/4	80.00	B-1328 HBP 11/02/28	STATE OF NEW MEXICO 12.500000	GETTY OIL COMPANY		TEXACO PRODUCING, INC.	0.4271500
033 STATE "AW"	T-21-S, R-36-E, NMPM SEC. 16: NE1/4 NE1/4	40.00	B-1566-2 HBP 11/20/28	STATE OF NEW MEXICO 12.500000	GETTY OIL COMPANY		TEXACO PRODUCING, INC.	0.1697940
034 H.T. ORCUTT (NCT-C)	T-20-S, R-36-E, NMPM SEC. 36: S1/2 SE1/4 T-21-S, R-36-E, NMPM SEC. 6: LOTS 1,2,3,6,7,8	316.45	B-244-1 HBP 11/22/28	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A. INC.		CHEVRON U.S.A. INC.	3.5697650

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

STATE LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	SERIAL NO. AND EFFECTIVE DATE	BASIC ROYALTY OWNER AND PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
035 H.T. ORCUTT (NCT-A)	T-21-S, R-36-E, NMPM SEC. 5: LOTS 11,12,13,14 SEC. 6: LOTS 15,16	240.00	B-244-1 HBP 11/22/28	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A. INC.	CHEVRON U.S.A. INC.	CHEVRON U.S.A. INC. 100.000000	1.7013940
036 H.T. ORCUTT (NCT-B)	T-21-S, R-36-E, NMPM SEC. 5: LOTS 7,8	80.00	B-244-1 HBP 11/22/28	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A. INC.	CHEVRON U.S.A. INC.	CHEVRON U.S.A. INC. 100.000000	0.3610750
037 AGGIES STATE	T-20-S, R-37-E, NMPM SEC. 31: LOTS 1,2,3,4, E1/2 W1/2, NE1/4	479.48	B-935 HBP 11/22/28	STATE OF NEW MEXICO 12.500000	EXXON CORPORATION	EXXON COMPANY, U.S.A.	EXXON COMPANY, U.S.A. 100.000000	1.9623150
038 STATE "A"	T-21-S, R-36-E, NMPM SEC. 8: NE1/4	160.00	A-1350-7 HBP 11/26/28	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A. INC. GETTY OIL COMPANY SUN E & P COMPANY	BRUIN ENERGY LTD CARPENTER OIL & GAS COMPANY CHEVRON U.S.A. INC. ENERGY PRODUCTION CORPORATION FIVE STATES LIMITED 1987 FIVE STATES 1988-A, LTD. PAULEY, S.F. TEXACO PRODUCING, INC.	BRUIN ENERGY LTD CARPENTER OIL & GAS COMPANY CHEVRON U.S.A. INC. ENERGY PRODUCTION CORPORATION FIVE STATES LIMITED 1987 FIVE STATES 1988-A, LTD. PAULEY, S.F. TEXACO PRODUCING, INC. 13.255000 4.805000 50.000000 0.166000 5.946000 0.414000 0.414000 25.000000	1.7700120
039 STATE "F"	T-20-S, R-37-E, NMPM SEC. 30: E1/2 SE1/4, SW1/4 SE1/4	120.00	B-1481-15 HBP 11/26/28	STATE OF NEW MEXICO 12.500000	CITILIES SERVICE O&G CORPORATION	CARPENTER OIL & GAS COMPANY FIVE STATES 1988-A, LTD. PAULEY, S.F.	CARPENTER OIL & GAS COMPANY FIVE STATES 1988-A, LTD. PAULEY, S.F. 66.789000 29.959000 3.252000	0.2443600
040 RASMUSSEN STATE	T-21-S, R-36-E, NMPM SEC. 2: SW1/4 SW1/4	40.00	B-1481-15 HBP 11/26/28	STATE OF NEW MEXICO 12.500000	CITILIES SERVICE O&G CORPORATION	STUMP, RICHARD & CATHERINE	CHEVRON U.S.A. INC. PFLUGER, A. LEE, CHILDRENS TRUST PFLUGER, WILLIAM CARL 0.848750 66.666666 16.666667 16.666667	0.0765490
041 STATE "C"	T-21-S, R-36-E, NMPM	160.00	B-1481-15	STATE OF NEW MEXICO	CITILIES SERVICE O&G	CARPENTER OIL & GAS COMPANY	CARPENTER OIL & GAS COMPANY 66.789000	0.7510930

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

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STATE LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	SERIAL NO. AND EFFECTIVE DATE	BASIC ROYALTY OWNER AND PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
041	SEC. 16: SW1/4		HBP 11/26/28	NEW MEXICO 12.500000	CORPORATION		FIVE STATES 1988-A, LTD. PAULEY, S.F. 29.959000 3.252000	
042	STATE "G" T-21-S, R-36-E, NMPM SEC. 2: SE1/4 SW1/4	40.00	B-1481-15 HBP 11/26/28	STATE OF NEW MEXICO 12.500000	CITIES SERVICE O&G CORPORATION		CHEVRON U.S.A. INC. PFLUGER, A. LEE, CHILDRENS TRUST PFLUGER, WILLIAM CARL 50.000000 25.000000 25.000000	0.0649670
043	STATE "C" T-21-S, R-36-E, NMPM SEC. 5: S1/2 SE1/4	80.00	B-1673-6 HBP 11/30/28	STATE OF NEW MEXICO 12.500000	ATLANTIC RICHFIELD COMPANY GETTY OIL COMPANY		ATLANTIC RICHFIELD COMPANY TEXACO PRODUCING, INC. 50.000000 50.000000	1.2693240
044	STATE "L" T-21-S, R-36-E, NMPM SEC. 3: LOTS 3, 4	75.59	A-1375-17 HBP 12/05/28	STATE OF NEW MEXICO 12.500000	ATLANTIC RICHFIELD COMPANY		ATLANTIC RICHFIELD COMPANY	0.1267880
045	STATE "L" BATTERY 2 T-21-S, R-36-E, NMPM SEC. 6: LOTS 4, 5	68.38	A-1375-17 HBP 12/05/28	STATE OF NEW MEXICO 12.500000	ATLANTIC RICHFIELD COMPANY		ATLANTIC RICHFIELD COMPANY	0.4776890
046	STATE "L" BATTERY 3 T-21-S, R-36-E, NMPM SEC. 11: SW1/4 NW1/4	40.00	A-1375-17 HBP 12/05/28	STATE OF NEW MEXICO 12.500000	ATLANTIC RICHFIELD COMPANY		ATLANTIC RICHFIELD COMPANY	0.2707900
047	STATE "L" - BATTERY T-21-S, R-36-E, NMPM SEC. 22: SE1/4 NW1/4	40.00	A-1375-17 HBP 12/05/28	STATE OF NEW MEXICO 12.500000	ATLANTIC RICHFIELD COMPANY		ATLANTIC RICHFIELD COMPANY	0.2658670
048	WALLACE STATE T-21-S, R-36-E, NMPM SEC. 3: LOTS 5, 6, 11, 12, 13, 14	240.00	A-1375-36 HBP 12/05/28	STATE OF NEW MEXICO 12.500000	THOMAS B. CATRON, III AND JOHN S. CATRON		BERGERE, SUF C. TRUST CATRON, THOMAS B. III, & JOHN S CATRON CHEVRON U.S.A. INC. 6.250000 6.250000 87.500000	0.2903690

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
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 LEA COUNTY, NEW MEXICO

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STATE LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	SERIAL NO. AND EFFECTIVE DATE	BASIC ROYALTY OWNER AND PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
049 STATE "B"	T-21-S, R-36-E, NMPM SEC. 8: N1/2 SE1/4	80.00	B-452-1 HBP 12/05/28	STATE OF NEW MEXICO 12.500000	ATLANTIC RICHFIELD COMPANY		ATLANTIC RICHFIELD COMPANY	0.7510020
050 STATE "C"	T-20-S, R-37-E, NMPM SEC. 32: N1/2 NW1/4	80.00	B-2288-3 HBP 12/13/28	STATE OF NEW MEXICO 12.500000	ATLANTIC RICHFIELD COMPANY		ATLANTIC RICHFIELD COMPANY	0.0503670
051 HEALSEY STATI	T-21-S, R-36-E, NMPM SEC. 5: LOTS 1,2,3,4,5,6	236.76	B-1641-4 HBP 12/17/28	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A. INC.		CHEVRON U.S.A. INC.	2.7238700
052 STATE "F"	T-21-S, R-36-E, NMPM SEC. 6: LOTS 13,14	75.17	B-1398-27 HBP 12/26/28	STATE OF NEW MEXICO 12.500000	SHELL WESTERN E&P AND EL PASO NATURAL GAS		SHELL WESTERN E&P INC.	0.2376700
053 STATE "K"	T-20-S, R-36-E, NMPM SEC. 36: NE1/4	160.00	B-1398-28 HBP 12/26/28	STATE OF NEW MEXICO 12.500000	SHELL WESTERN E&P AND EL PASO NATURAL GAS		SHELL WESTERN E&P INC.	5.1124120
054 STATE "EE"	T-21-S, R-36-E, NMPM SEC. 6: LOTS 9,10	80.00	B-1399-15 HBP 12/26/28	STATE OF NEW MEXICO 12.500000	SHELL WESTERN E&P AND EL PASO NATURAL GAS		SHELL WESTERN E&P INC.	0.4858390
055 STATE "G"	T-21-S, R-36-E, NMPM SEC. 6: LOTS 11,12	75.15	B-1400-13 HBP 12/26/28	STATE OF NEW MEXICO 12.500000	SHELL WESTERN E&P AND EL PASO NATURAL GAS		CHEVRON U.S.A. INC.	0.2210970
056 STATE "AX"	T-21-S, R-36-E, NMPM	40.00	B-1616-7	STATE OF NEW MEXICO	GETTY OIL COMPANY		TEXACO PRODUCING, INC.	0.1863220

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'

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LEA COUNTY, NEW MEXICO

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STATE LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	SERIAL NO. AND EFFECTIVE DATE	BASIC ROYALTY OWNER AND PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
056	SEC. 16: SE1/4 NE1/4		HBP 12/27/28	NEW MEXICO 12.500000				
057	GRAHAM STATE (NCT-E T-21-S, R-36-E, NMPM SEC. 6: W1/2 SE1/4	80.00	A-1543-1 HBP 12/29/28	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A. INC.	CHEVRON U.S.A. INC.	100.000000	0.5204750
058	STATE "C" - TRACT 11 T-21-S, R-36-E, NMPM SEC. 2: S1/2 SE1/4	80.00	B-1557 HBP 12/29/28	STATE OF NEW MEXICO 12.500000	AMOCO PRODUCTION CO.	AMOCO PRODUCTION COMPANY, U.S.A.	100.000000	0.0318850
059	STATE "M" T-20-S, R-36-E, NMPM SEC. 36: N1/2 SE1/4	80.00	B-1674-1 HBP 12/31/28	STATE OF NEW MEXICO 12.500000	ATLANTIC RICHFIELD COMPANY	ATLANTIC RICHFIELD COMPANY	100.000000	0.8824350
060	STATE "E" T-21-S, R-36-E, NMPM SEC. 16: E1/2 SE1/4	80.00	B-2330-4 HBP 12/31/28	STATE OF NEW MEXICO 12.500000	GETTY OIL COMPANY	TEXACO PRODUCING, INC.	100.000000	0.5596360
061	STATE "I" T-21-S, R-36-E, NMPM SEC. 22: N1/2 NW1/4	80.00	A-1573-5 HBP 01/03/29	STATE OF NEW MEXICO 12.500000	AMOCO PRODUCTION CO.	ELLIS, SHELBY, MGT TRUST ELLIS, SHELBY, TRUST HENDERSON, DOROTHY LOUISE, TRUST HENDRICKSON, A.M., ESTATE HUNT, JEANNE EDNA, TRUST JONE, MARY EVANGELINA, TRUST SMITH, MARY EVANGELIA SMITH, WILLARD B AND HELEN JOY, TRUST THOMPSON, FRANKLIN G., FAMILY AGENCY THOMPSON, MARTIN H.	0.195310 AMOCO PRODUCTION COMPANY, U.S.A. 0.195320 0.130210 1.562500 0.130210 0.195310 0.195310 0.130210 0.195310 0.195310	0.3919240
062	STATE "K" T-21-S, R-36-E, NMPM	40.00	B-1936-8	STATE OF	ATLANTIC RICHFIELD	ATLANTIC RICHFIELD COMPANY	100.000000	0.1581160

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

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 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

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STATE LANDS

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062	SEC. 6: SE1/4 SW1/4		HBP 01/11/29	NEW MEXICO 12.500000	COMPANY			
063 TURNER STATE	I-20-S, R-37-E, NMPM SEC. 32: E1/2 NW1/4, W1/2 NE1/4	160.00	HBP 01/11/29	STATE OF NEW MEXICO 12.500000	BERT FIELDS, JR.			0.2324760 *
063A TURNER STATE	SEC. 32: E1/2 NW1/4, SW1/4 NE1/4	(120.00)	HBP	STATE OF	FIRST HUTCHINGS-SEALY NAT'L BANK	0.285000	AMERADA HESS CORPORATION AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHEFIELD COMPANY BRUJN ENERGY LTD CARPENTER OIL & GAS COMPANY CHEVRON U.S.A. INC. CONOCO INC. ENERGY PRODUCTION CORPORATION EXXON COMPANY, U.S.A. EXXON COMPANY, U.S.A. FIVE STATES LIMITED 1987 FIVE STATES 1988-A, LTD. Koch EXPLORATION COMPANY PAULEY, S.F. SHELL WESTERN E&P INC. TURNER, FRED JR. TRUST WISER OIL COMPANY	(0.2034180) *
063B TURNER STATE	SEC. 32: NW1/4 NE1/4	(40.00)	HBP	STATE OF	FIRST HUTCHINGS-SEALY NAT'L BANK	0.285000	AMERADA HESS CORPORATION AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHEFIELD COMPANY BRUJN ENERGY LTD CARPENTER OIL & GAS COMPANY CHEVRON U.S.A. INC. CONOCO INC. ENERGY PRODUCTION CORPORATION EXXON COMPANY, U.S.A.	(0.0290580) *

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'

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JULY 12, 1990

STATE LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	SERIAL NO. AND EFFECTIVE DATE	BASIC ROYALTY OWNER AND PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
067								
068 STATE "196"	T-20-S, R-37-E, NMPM SEC. 32: N1/2 SW1/4	80.00	B-2406-1 HBP 01/15/29	STATE OF NEW MEXICO 12.500000	ATLANTIC RICHFIELD COMPANY		SHELL WESTERN E&P INC. WISER OIL COMPANY	100.000000 0.116100
069 STATE "A"	T-21-S, R-36-E, NMPM SEC. 5: N1/2 SE1/4	80.00	B-2456-10 HBP 02/26/29	STATE OF NEW MEXICO 12.500000	KOCH INDUSTRIES INC.		BLOSS, WILLIAM E., REVOCABLE TRUST HEPMORTH, BARBARA D., AGENCY KOCH EXPLORATION COMPANY RALSTIN, BETTY PERDEW, ESTATE	1.250000 1.250000 95.000000 2.500000
070 STATE "J"	T-20-S, R-37-E, NMPM SEC. 32: SE1/4, E1/2 SW1/4	240.00	B-1167-49 HBP 09/15/32	STATE OF NEW MEXICO 12.500000	EL PASO NATURAL GAS AND SHELL WESTERN E&P		SHELL WESTERN E&P INC.	100.000000
071 HARRY LEONARD (NCT-A)	T-21-S, R-36-E, NMPM SEC. 22: NE1/4, N1/2 SW1/4, N1/2 SE1/4	320.00	B-1732-1 HBP 02/28/33	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A. INC.		CHEVRON U.S.A. INC.	100.000000
072 STATE "B"	T-21-S, R-36-E, NMPM SEC. 11: SE1/4 NW1/4	40.00	B-2527-12 HBP 02/10/34	STATE OF NEW MEXICO 12.500000	TWO STATES OIL CO.		CHEVRON U.S.A. INC. EXXON COMPANY, U.S.A.	81.250000 18.750000
073 SKELLY "G"	T-20-S, R-37-E, NMPM SEC. 30: NW1/4 SE1/4	40.00	B-2690 HBP 04/02/34	STATE OF NEW MEXICO 12.500000	GETTY OIL COMPANY		TEXACO PRODUCING, INC.	100.000000
074 PHILLIPS	T-20-S, R-37-E, NMPM SEC. 30: NE1/4 NW1/4,	80.00	B-2736-9 HBP	STATE OF NEW MEXICO	WILLIAM A. HUDSON AND		AMERADA HESS CORPORATION AMOCO PRODUCTION COMPANY, U.S.A.	1.440200 9.184400

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STATE LANDS

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074	NW1/4 NE1/4		04/10/34	12.500000 EDWARD R. HUDSON			ATLANTIC RICHFIELD COMPANY BRUIN ENERGY LTD CARPENTER OIL & GAS COMPANY CHEVRON U.S.A. INC. CONOCO INC ENERGY PRODUCTION CORPORATION EXXON COMPANY, U.S.A. FIVE STATES LIMITED 1987 FIVE STATES 1988-A, LTD. KOGH EXPLORATION COMPANY PAULEY, S.F. SHELL WESTERN E&P INC. WISER OIL COMPANY	21.797900 0.584800 0.947400 41.669400 10.315300 0.007300 5.505600 0.262300 0.348200 0.361200 0.054100 7.405800 0.116100
075 STATE "G"	T-21-S, R-36-E, NMPM SEC. 5: S1/2 SW1/4	80.00	B-3114-3 HBP 09/24/34	STATE OF NEW MEXICO 12.500000	ATLANTIC RICHFIELD COMPANY		ATLANTIC RICHFIELD COMPANY	100.000000 0.6931340
076 STATE "J"	T-21-S, R-36-E, NMPM SEC. 22: SW1/4 NW1/4	40.00	B-3114-4 HBP 09/24/34	STATE OF NEW MEXICO 12.500000	AMOCO PRODUCTION CO.		AMOCO PRODUCTION COMPANY, U.S.A.	100.000000 0.2333150
077 STATE "W"	T-20-S, R-37-E, NMPM SEC. 30: LOT 2, SE1/4 NW1/4, S1/2 NE1/4	159.47	B-3423-1 HBP 10/29/34	STATE OF NEW MEXICO 12.500000	AMARADA HESS CORP.		AMERADA HESS CORPORATION	100.000000 0.1487700
078 STATE "193"	T-20-S, R-37-E, NMPM SEC. 30: LOT 3	39.57	B-3798-1 HBP 04/22/35	STATE OF NEW MEXICO 12.500000	ATLANTIC RICHFIELD COMPANY		ATLANTIC RICHFIELD COMPANY	100.000000 0.0554910

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*** 68 STATE LANDS TRACTS TOTALING 8,274.80 ACRES -OR- 58.32% OF AREA A ***

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

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PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
079 WHITE (NCT-A)	T-70-S, R-36-E, NMPM SEC. 25; E1/2 NE1/4, SE1/4	240.00	HBP				0.7143180 *
079A WHITE (NCT-A)	SEC. 25; W1/2 SE1/4	(80.00)	HBP	BEAMS MINERALS COMPANY EUBANK, SUZAN TRIMBLE HEIDMANN, GEAN TRIMBLE HUDSPETH, JOHN R. KING, BUFORD J., TRUSTEE ORVY ENERGY COMPANY PAYNE, JULIA H PAYNE, WESTON, TRUST PETTMAY, MARGUERITE H. PICKENS, RUTH G., GRANDCHILDRENS JV SETH, JAMES SETH, OLIVER TEXARO OIL COMPANY UNION TEXAS PETROLEUM CORPORATION WHITE, LAWRENCE W., FAMILY TRUST	CHEVRON U.S.A. INC.	100.000000	(0.1272210) *
*TOTAL 079A				12.500000			
079B WHITE (NCT-A)	SEC. 25; E1/2 E1/2	(160.00)	HBP	CRAIG LTD EUBANK, SUZAN TRIMBLE HEIDMANN, GEAN TRIMBLE HUDSPETH, JOHN R. PETTMAY, MARGUERITE H. SETH, JAMES SETH, OLIVER WHITE-SMOTHERS TRUST WHITE, LAWRENCE W., FAMILY TRUST WHITE, W. W.	CHEVRON U.S.A. INC.	100.000000	(0.5870970) *

*** TOTAL ACRES IN THIS AREA IS 14,189.84 ***

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

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JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT	
PATENTED LANDS								

*TOTAL 0798		12.500000						

0800 AKENS	T-21-S, R-36-E, N1/4, NW1/4, SEC. 3: SE1/4, N1/2 SW1/4, SE1/4 SW1/4	780.00	HBP				0.4988530 *	

0800A AKENS	SEC. 3: SE1/4	(160.00)	HBP	AKENS, HAFFORD AKENS, ROWLAND ANTRY, JO LAYNE ARCHER, L JSTON ATLANTIC RICHFIELD COMPANY BOWER, DAVID A., IND. & AS AGENT BOWER, J.R., JR., TRUST CONE, S.E., JR. DEEN, JAMIE WAIDE GIBSON, EUNICE CONE GRIMES, C. W., TRUST HART, JACK L. HURLEY, MARY FRANCES (FRANA) JONES, EVERETT R., JR. KASTMAN, MARJORIE CONE KECK, KATHERINE CONE LON MORRIS COLLEGE MARTIN, CLOVILLA METHODIST HOME, AGENCY MOBIL PRODUCING TEXAS & NEW MEXICO INC. MOBIL PRODUCING TEXAS & NEW MEXICO INC. NISLAR, JAMES ROBERT, TRUST NISLAR, ORA LEE NISLAR, ORA LEE PENN BROTHERS, INC. PENSON, NANCY ELIZABETH PETRUST CORP OF AMERICA RANSON, CHARLES DANIEL	0.270840 0.270840 0.156200 0.416700 2.083400 0.046200 0.135800 0.253900 0.270840 0.117200 0.302800 0.003300 0.069430 0.015400 0.253900 0.253900 0.036630 0.270835 0.036630 1.562500 3.125000 0.048830 0.048830 0.097650 0.097650 1.069700 0.166700 0.069430	BRUIN ENERGY LTD CARPENTER OIL & GAS COMPANY ENERGY PRODUCTION CORPORATION FIVE STATES LIMITED 1987 FIVE STATES 1988-A, LTD. PAULEY, S.F.	53.020000 19.219000 0.663000 23.784000 1.657000 1.657000	(0.2265570) *

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
080A				RANSOM, WILLIAM COLEMAN	0.069430		
				ROYALL, FRANCES K	0.003100		
				ROYALL, JOHN R TRUST U/W/ F.M. ROYALL	0.001730		
				ROYALL, JOHN R TRUST U/W/ F.M. ROYALL	0.000700		
				ROYALL, N R III TRUST U/W F M ROYALL	0.001730		
				ROYALL, N.R. III TR U/W N.R. ROYALL JR	0.000700		
				ROYALL, TUCKER K. TR U/W N.R. ROYALL JR	0.000700		
				ROYALL, TUCKER K. TRUST U/W F.M. ROYALL	0.001730		
				SOUTHERN METHODIST UNIVERSITY	0.036630		
				SPARKS, WILMA LEIGH	0.270835		
				SPINDLETOP EXPLORATION CO., INC.	0.000500		
				ST. PAUL INDUSTRIAL TRAINING SCHOOL	0.036630		
				STIEREN, GEORGIA ANN	0.007600		
				STIEREN, JENNIFER LOUISE	0.003800		
				STIEREN, MICHAEL ANDREW, A MINOR	0.003800		
				TORTUGA OIL AND GAS	0.013100		
				W.E.F. HOLDING, INC.	0.041600		
				WALKER, NORA	0.000500		
				WILLIAMS, J.H.	0.195300		
				-----	12.500000		
*TOTAL 080A							
080B AKENS	SEC. 3: N1/2 SW1/4, SE1/4 SW1/4	(120.00)	HBP	ABRAMSON, ABRAHAM, ESTATE	0.133900	BRUIN ENERGY LTD.	53.020000 (0.273010) *
				ANTRY, JO LAYNE	0.156200	CARPENTER OIL & GAS COMPANY	19.219000
				ARCHER, LISTON	0.416700	ENERGY PRODUCTION CORPORATION	0.663000
				ATLANTIC RICHFIELD COMPANY	2.083400	FIVE STATES LIMITED 1987	23.784000
				BOWER, DAVID A., IND. & AS AGENT	0.046200	FIVE STATES 1988-A, LTD.	1.657000
				BOWER, J.R. JR., TRUST	0.135800	PAULEY, S.F.	1.657000
				CONE, S.E. JR.	0.253900		
				CORBETT, ALLIS V.	0.056800		
				FIVE STATES LIMITED 1987	0.334800		
				FROTHINGHAM, JOHN L.	0.334800		
				GIBSON, EUNICE CONE	0.117200		
				GREENWOOD, RHEA S.	0.167500		
				GRIMES, C. W., TRUST	0.302800		
				HART, JACK L.	0.003300		

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
				HURLEY, MARY FRANCES (FRANA)			
				JONES, EVERETT R. JR.	0.069440		
				KASTMAN, MARJORIE CONE	0.015400		
				KECK, KATHERINE CONE	0.253900		
				LON MORRIS COLLEGE	0.253900		
				MAHONEY, ROSEMARY	0.036625		
				METHODIST HOME, AGENCY	0.025100		
				MOBIL PRODUCING TEXAS & NEW MEXICO INC.	0.036625		
				MOBIL PRODUCING TEXAS & NEW MEXICO INC.	1.562500		
				MULDVIN, ALBERT	3.125000		
				NISLAR, JAMES ROBERT, TRUST	0.133900		
				NISLAR, ORA LEE	0.048830		
				NISLAR, ORA LEE	0.048830		
				ORR, ORA LEE	0.097650		
				PENK BROTHERS, INC.	0.356500		
				PENSON, NANCY ELIZABETH	1.069700		
				PETRUCCI CORP OF AMERICA	0.166700		
				RANSOM, CHARLES DANIEL	0.069425		
				RANSOM, WILLIAM COLEMAN	0.069425		
				ROYALL, FRANCES K	0.003100		
				ROYALL, JOHN R TRUST U/W/ F.M. ROYALL	0.001730		
				ROYALL, JOHN R TRUST U/W/ F.M. ROYALL	0.001730		
				ROYALL, N R III TRUST U/W F M ROYALL	0.000700		
				ROYALL, N.R. III TR U/W N.R. ROYALL JR	0.001730		
				ROYALL, TUCKER K. TR U/W N.R. ROYALL JR	0.000700		
				ROYALL, TUCKER K. TRUST U/W F.M. ROYALL	0.001730		
				SARNOFF, CHARLES SPENCER	0.167400		
				SOUTHERN METHODIST UNIVERSITY	0.036630		
				SPINDLETOP EXPLORATION CO., INC.	0.000500		
				ST. PAUL INDUSTRIAL TRAINING SCHOOL	0.036630		
				STIEREN, GEORGIA ANN	0.007600		
				STIEREN, JENNIFER LOUISE	0.003800		
				STIEREN, MICHAEL ANDREW, A MINOR	0.003800		
				TORTUGA OIL AND GAS	0.013100		
				W.E.F. HOLDING, INC.	0.041600		
				WALKER, NORA	0.000500		
				WILLIAMS, J.H.	0.195300		

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT	
081 AKENS	T-21-S, R-36-E, N4PM SEC. 3: SW1/4 SW1/4	40.00	HBP	AARCO OIL & GAS COMPANY ANTRY, JO LAYNE ARCHER, FANCHER ATLANTIC RICHFIELD COMPANY ATLANTIC RICHFIELD COMPANY BOMER, DAVID A., IND. & AS AGENT BOMER, J.R., JR., TRUST CONE, S.E., JR. CORBETT, ALLIS V. CORBETT, ALLIS V. FIVE STATES LIMITED 1987 FROTHINGHAM, JOHN L. GIBSON, EUNICE CONE GREENWOOD, RHEA S. GRIMES, C. W., TRUST H. R. STASNEY AND SONS COMPANY HART, JACK L. HURLEY, MARY FRANCES (FRANA) HYLAND, NELLE P. ESTATE INJECTION ENGINEERING SVC JONES, EVERETT R. JR. JONES, EVERETT R. JR. KAJSTMAN, MARJORIE CONE KECK, KATHERINE CONE LON MORRIS COLLEGE METHODIST HOME, AGENCY MOBIL PRODUCING TEXAS & NEW MEXICO INC. MULDVIN, ALBERT NISLAR, JAMES ROBERT, TRUST NISLAR, O.L., JR., TRUST NISLAR, ORA LEE ORYX ENERGY COMPANY PENN BROTHERS, INC.	0.468750 0.078120 0.208350 0.208330 0.833340 0.023120 0.067860 0.253910 0.029300 0.091150 1.171870 1.171880 0.117190 0.585940 0.224610 0.175780 0.001660 0.034724 0.087890 0.351560 0.003850 0.003860 0.253900 0.253910 0.036620 0.036620 0.781250 0.468750 0.048830 0.048830 0.097660 1.171870 0.178250	CHEVRON U.S.A., INC. EXXON COMPANY, U.S.A.	25.000000 75.000000	0.4359440
*TOTAL 0808								

EUNICE MONUMENT SOUTH UNIT (EWSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
081				PENSON, NANCY ELIZABETH	0.534860		
				PETRUST CORP OF AMERICA	0.083330		
				RANSOM, CHARLES DANIEL	0.034723		
				RANSOM, WILLIAM COLEMAN	0.034723		
				ROYALL, FANNIE MAY ESTATE	0.002610		
				ROYALL, JOHN R TRUST U/M F.K. ROYALL	0.000260		
				ROYALL, JOHN R TRUST U/M F.K. ROYALL	0.000522		
				ROYALL, JOHN R, TRUST U/M N R ROYALL JR	0.000349		
				ROYALL, N R, JJJ TRUST, J R ROYALL TR.	0.000348		
				ROYALL, REBECCA	0.000116		
				ROYALL, REBECCA TRUST U/M F.K. ROYALL	0.000087		
				ROYALL, REBECCA TRUST U/M F.K. ROYALL	0.000175		
				ROYALL, TUCKER B TRUST U/M F.K. ROYALL	0.000087		
				ROYALL, TUCKER B TRUST U/M F.K. ROYALL	0.000174		
				ROYALL, TUCKER B.	0.000117		
				SARNOFF, CHARLES SPENCER	0.585930		
				SIDFORD, FRANCES R.	0.000115		
				SIDFORD, FRANCIS R. TR U/M F.K. ROYALL	0.000086		
				SIDFORD, FRANCIS R. TR U/M F.K. ROYALL	0.000174		
				SOUTHERN METHODIST UNIVERSITY	0.036620		
				SPINDLETOP EXPLORATION CO., INC.	0.000260		
				ST. PAUL INDUSTRIAL TRAINING SCHOOL	0.036620		
				STIEREN, JACK, ESTATE	0.007590		
				TEXARO OIL COMPANY	1.171870		
				TURNER, FRED JR. TRUST	0.001630		
				TURNER, FRED JR. TRUST	0.003270		
				TURNER, FRED JR. TRUST	0.001640		
				W.E.F. HOLDING, INC.	0.020830		
				WALKER, NORA	0.000260		
				WILLIAMS, J.H. ESTATE	0.195310		
				WOODRIDGE, MACK H.	0.175780		
					12.500000		
082	H.L. HOUSTON	70.27	HBP	AMOCO PRODUCTION COMPANY, U.S.A. ARCHBISCHOPRIC OF NEW YORK	1.171880 2.296900	ATLANTIC RICHFIELD COMPANY TEXACO PRODUCING, INC.	50.000000 50.000000

*TOTAL 081

082 T-21-S, R-36-E, NWPM
SEC. 7; LOTS 1-2

0.5001130

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
082				ATLANTIC RICHFIELD COMPANY	0.439462		
				ATLANTIC RICHFIELD COMPANY	0.000080		
				ATLANTIC RICHFIELD COMPANY	3.076158		
				BRADLEY NOMINEE CORPORATION	0.390700		
				BRIN, ROYAL H. JR	0.032500		
				CRUMP, JESSIE BLEVINS, FAMILY TRUSTS	0.390600		
				CRUMP, JOE & JESSIE FUND	0.390600		
				EASTLAND, LUERA MONTEZ	0.781250		
				EGE, BARBARA R.	0.021705		
				GOLDBERG, JACQUELINE BRIN, LIVING TRUST	0.032600		
				GOTTESMAN, FAY COMBEL	0.065100		
				GUTMAN, MAX, TRUST	0.065100		
				HOLMES, MARY JOSEPHINE	0.781250		
				HOUSTON, HARRIS L. JR., ESTATE	0.781250		
				HYMAN, MARY JANE	0.032600		
				HYMAN, MARY JANE, TRUSTEE	0.032500		
				KING, BUFORD I., TRUSTEE	0.048800		
				KNOX, JEAN READ	0.043401		
				READ, ALEXANDER D.	0.043401		
				READ, CURTIS S. JR.	0.021707		
				READ, DAVID W.	0.043401		
				READ, DONALD B.	0.043401		
				READ, FREDRICK H.	0.043401		
				READ, PETER B.	0.043401		
				READ, RODERICK F.	0.043401		
				READ, WILLIAM A.	0.043401		
				SARTIN, BILLIE LOIS	0.781250		
				SOCOLOW, EDITH G. & A. WALTER SOCOLOW	0.065100		
				TEXARO OIL COMPANY	0.016200		
				WATSON, WILLIAM B., AGENT & AIF	0.437500		
					12.500000		

*TOTAL 082

083 H. L. HOUSTON "MA"	T-21-S, R-36-E, N4PM SEC. 7; E1/2 NW1/4	80.00	HBP	AMOCO PRODUCTION COMPANY, U.S.A. ARGHIBSCHOPRIC OF NEW YORK ATLANTIC RICHFIELD COMPANY	1.171880 2.296880 0.048827	100.000000	0.1927570
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EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 17, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
	ATLANTIC RICHFIELD COMPANY				0.390620		
	ATLANTIC RICHFIELD COMPANY				3.076173		
	BRIN, ROYAL H. JR				0.032560		
	CRUMP, JESSIE BLEVINS, FAMILY TRUSTS				0.390620		
	CRUMP, JOE & JESSIE FUND				0.390630		
	EASTLAND, LUERA MONTEZ				0.390625		
	EASTLAND, LUERA MONTEZ				0.390625		
	EGE, BARBARA R.				0.021701		
	GOLDBERG, JACQUELINE BRIN, LIVING TRUST				0.032560		
	GOTTESMAN, FAY COMBEL, TRUSTEE				0.065100		
	GUTMAN, MAX, TRUST				0.065100		
	HOLMES, MARY JOSEPHINE				0.390625		
	HOLMES, MARY JOSEPHINE				0.390625		
	HOUSTON, HARRIS L. JR., ESTATE				0.390625		
	HOUSTON, HARRIS L. JR., ESTATE				0.390625		
	HYMAN, MARY JANE				0.032550		
	HYMAN, MARY JANE, TRUSTEE				0.032550		
	KING, BUFORD J., TRUSTEE				0.048830		
	KNOX, JEAN READ				0.043402		
	READ, ALEXANDER D.				0.043402		
	READ, CURTIS S. JR.				0.021703		
	READ, DAVID W.				0.043402		
	READ, DONALD B.				0.043402		
	READ, FREDRICK H.				0.043402		
	READ, PETER B.				0.043402		
	READ, RODERICK F.				0.043402		
	READ, WILLIAM A.				0.043402		
	SARTIN, BILLIE LOIS				0.390625		
	SARTIN, BILLIE LOIS				0.390625		
	SOCOLOW, EDITH G & A. WALTER SOCLOLW				0.065100		
	TEXARO OIL & GAS CORPORATION				0.016280		
	TRITON OIL & GAS CORPORATION				0.390620		
	WATSON, WILLIAM B., AGENT & AIF				0.437495		
	WATSON, WILLIAM B., AGENT & AIF				0.000005		

					12.500000		

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT	
084 HOUSTON	T-21-S, R-36-E, NMPM SEC. 7; NE1/4	160.00	HBP	AMOCO PRODUCTION COMPANY, U.S.A. ARCHIBSCHOPIC OF NEW YORK ATLANTIC RICHFIELD COMPANY BRADLEY NOMINEE CORPORATION BRIN, ROYAL H. JR CRUMP, JESSIE BLEVINS, FAMILY TRUSTS CRUMP, JONES LESTER, TESTAMENTARY TRUST EASTLAND, LUERA MONTEZ EGE, BARBARA R. GOLDBERG, JACQUELINE BRIN GOTTESMAN, FAY COMBEL GUTMAN, MAX, TRUST HOLMES, MARY JOSEPHINE HOUSTON, H.L. JR. HYMAN, MARY JANE HYMAN, MARY JANE, TRUSTEE KING, BUFORD T., TRUSTEE KNOX, JEAN READ READ, ALEXANDER D. READ, CURTIS S. JR. READ, DAVID W. READ, DONALD B. READ, FREDRICK H. READ, PETER B. READ, RODERICK F. READ, WILLIAM A. SARTIN, BILLIE LOIS SOCOLOW, EDITH G & A. WALTER SOCOLOW TEXARO OIL COMPANY WATSON, WILLIAM B., AGENT & AIF	1.171880 2.296870 3.515630 0.390630 0.032550 0.390630 0.390620 0.781250 0.021710 0.032550 0.065100 0.065100 0.781250 0.781250 0.032550 0.032550 0.048830 0.043400 0.043400 0.043400 0.043400 0.043400 0.043400 0.043400 0.043400 0.043400 0.043400 0.043400 0.043400 0.065100 0.016270 0.437510	AMERADA HESS CORPORATION	100.000000	1.1532710
*TOTAL 084								
085 MOLLIE CAMPBELL	T-21-S, R-36-E, NMPM SEC. 7; LOTS 3, 4, E1/2 SW1/4	150.01	HBP	ARCHER, FANCHER ASHLAND EXPLORATION INC.		CHEVRON U.S.A. INC.	0.390600 0.781300	

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'

SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
EUNICE MONUMENT SOUTH UNIT AREA - A
LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
				ATLANTIC RICHFIELD COMPANY	3.180300		
				ATLANTIC RICHFIELD COMPANY	1.051500		
				BOWE, CATHERINE	0.006500		
				BOWE, VIVIAN	0.006500		
				BRIN, ROYAL H. JR	0.032600		
				CAMPBELL, DELMA INEZ	0.446400		
				CAMPBELL, REX	0.223200		
				CRAIG LTD	0.837100		
				EASTLAND, LUERA MONTEZ	0.223225		
				EDWARDS, EMELY ANN	0.000720		
				EXXON COMPANY, U.S.A.	0.781300		
				GIBSON, EUNICE CONE	0.446400		
				GOLDBERG, JACQUELINE BRIN	0.032600		
				GOTTESMAN, FAY COMBEL	0.065100		
				GRIFFIN, REBA CAMPBELL	0.111600		
				GUTMAN, MAX, TRUST	0.065100		
				H. R. STASNEY AND SONS COMPANY	0.027900		
				HOLMES, MARY JOSEPHINE	0.223225		
				HOME STAKE OIL & GAS CO.	0.020620		
				HOMESTAKE ROYALTY CORP.	0.020620		
				HOOPER, CLEM RONALD	0.223200		
				HOOPER, GERALD HAMIL & DOLORES ALBERTA	0.223200		
				HOUSTON, H.L. JR.	0.223225		
				HYMAN, MARY JANE	0.032500		
				HYMAN, MARY JANE, TRUSTEE	0.032500		
				INJECTION ENGINEERING SVC	0.055800		
				KELLOUGH, ROBERT BOOTH	0.065100		
				KING, BUFORD J., TRUSTEE	0.258100		
				PEVEHOUSE, MYRTLY	0.111600		
				PICKENS, RUTH G.,	0.279000		
				RANSON, MARY VERN	0.390600		
				READ, EDITH FABYAN	0.390600		
				SARTIN, BILLIE LOIS	0.223225		
				SEAL, WILLIAM G & MARCELLYN J SEAL	0.000720		
				SIMPSON, JEAN ANDERSON	0.000720		
				SOKOLOV, EDITH G & A. WALTER SOCOLOW	0.065100		
				TEKELL, LOIS CONE	0.111600		

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
085				TEXARO OIL COMPANY VENABLE, R. H., ESTATE WARNER, RACHEL LOUISE WILSON CHILDREN TRUST WISER OIL COMPANY WOOLDRIDGE, MACK H.	0.086000 0.195300 0.117200 0.021700 0.390600 0.027900		
				----- 12.500000			
*TOTAL 085							
086 A. F. HOUSTON	T-21-S, R-36-E, N1/4 SEC. 7; SE 1/4	160.00	HBP	ARCHER, FANCHER ASHLAND EXPLORATION INC. ATLANTIC RICHFIELD COMPANY ATLANTIC RICHFIELD COMPANY BOME, GATHERINE BOME, VIVIAN BRIN, ROYAL H. JR CAMPBELL, DELMA INEZ CAMPBELL, REX CRAIG LTD EASTLAND, LUERA MONTEZ EDWARDS, EMELY ANN EXXON COMPANY, U.S.A. GIBSON, EUNICE CONE GOLDBERG, JACQUELINE BRIN GOTTESMAN, FAY CAMPBELL GRIFFIN, REBA CAMPBELL GUTMAN, MAX TRUST H. R. STASNEY AND SONS COMPANY HOLMES, MARY JOSEPHINE HOME STAKE OIL & GAS CO. HOMESTAKE ROYALTY CORP. HOOPER, CLEM RONALD HOOPER, GERALD HAMIL & DOLORES ALBERTA HOUSTON, H. L., JR. HYMAN, MARY JANE HYMAN, MARY JANE, TRUSTEE	0.390600 0.781300 3.180300 1.051500 0.006500 0.006500 0.032600 0.446400 0.223200 0.837100 0.223225 0.000720 0.781300 0.446400 0.032600 0.065100 0.111600 0.065100 0.027900 0.223225 0.020620 0.020620 0.223200 0.223200 0.223225 0.032500 0.032600		CHEVRON U.S.A. INC. 100.000000 0.6496850

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
086				INJECTION ENGINEERING SVC			
				KELLOUGH, ROBERT BOOTH	0.055800		
				KING, BUFORD I., TRUSTEE	0.065100		
				PEVEHOUSE, MYRTLY	0.258100		
				PICKENS, RUTH G., GRANDCHILDRENS JV	0.111600		
				RANSOM, MARY VERN	0.279000		
				READ, EDITH FABYAN	0.390600		
				SARTIN, BILLIE LOIS	0.390600		
				SEAL, WILLIAM G & MARCELLYN J SEAL	0.223225		
				SIMPSON, JEAN ANDERSON	0.000720		
				SOCOLOM, EDITH G & A. WALTER SOCOLOM	0.000720		
				TEKELL, LOIS COME	0.065100		
				TEXARO OIL COMPANY	0.111600		
				VENABLE, R.H., ESTATE	0.086000		
				WARNER, RACHEL LOUISE	0.195300		
				WILSON CHILDREN TRUST	0.117200		
				WISER OIL COMPANY	0.021700		
				WOOLDRIDGE, MACK H.	0.390600		
					0.027900		
					12.500000		

*TOTAL 086

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
087	T-21-S, R-36-E, NMPM SEC. 9: E1/2	320.00	HBP	ARCHER, FANCHER			
				ARCHIBSCHOPRIC OF NEW YORK	0.195310		
				ATLANTIC RICHFIELD COMPANY	3.937500		
				ATLANTIC RICHFIELD COMPANY	0.292968		
				BOWER, DAVID A., IND. & AS AGENT	2.050782		
				BOWER, J.R., JR., TRUST	0.043370		
				CARBONE, JOAN A.	0.127250		
				COLONIAL ROYALTIES COMPANY	0.007323		
				CRAIG LTD	0.045582		
				CRAIG LTD	0.039060		
				CRAIG LTD	0.058590		
				DAMSON, IRIS GERBER	0.019530		
				DELOORE, MARCIA LYNN	0.039060		
				EXXON COMPANY, U.S.A.	0.026043		
				FIVE STATES LIMITED 1987	1.562500		
					0.071617		
						100.000000	3.4570040

087 E.C. ADKINS

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
	GREENHALGH, EMILY C & DOLORES SLOAT				0.078120		
	GRIMES, C. W., TRUST				0.937500		
	HOME STAKE OIL & GAS CO.				0.045569		
	HOMESTAKE ROYALTY CORP.				0.045569		
	HURLEY, MARY FRANCES (FRANA)				0.130211		
	JONES, EVERETT R., JR.				0.014450		
	LAW, MARILYN M., REVOC TRUST				0.195312		
	LAMSON PETROLEUM COMPANY				0.078120		
	LYETH, PATRICIA D.				0.781250		
	MANEY, MARGUERITE C				0.004883		
	MANEY, PATRICIA ANN				0.007324		
	MOREY, JIMMY D., REVOC TRUST				0.195312		
	RANSON, CHARLES DANIEL				0.130210		
	RANSON, WILLIAM COLEMAN				0.130209		
	ROONEY, ONEZ NORMAN TEST/TR				0.390626		
	ROYALL, FANNIE MAY ESTATE				0.004880		
	ROYALL, JOHN R TRUST U/W F. K. ROYALL				0.000490		
	ROYALL, JOHN R TRUST U/W F. K., ROYALL				0.000977		
	ROYALL, JOHN R, TRUST U/W N R ROYALL JR				0.000652		
	ROYALL, N R III TRUST U/W N R ROYALL JR				0.000651		
	ROYALL, REBECCA				0.000217		
	ROYALL, REBECCA TRUST U/W F. K. ROYALL				0.000164		
	ROYALL, REBECCA TRUST U/W F. K. ROYALL				0.000327		
	ROYALL, TUCKER B TRUST U/W F. K. ROYALL				0.000163		
	ROYALL, TUCKER B TRUST U/W F. K., ROYALL				0.000325		
	ROYALL, TUCKER B,				0.000218		
	SCHACHNER, FRIEDA				0.039060		
	SIDFORD, FRANCES R.				0.000217		
	SIDFORD, FRANCIS R. TR U/W F. K. ROYALL				0.000163		
	SIDFORD, FRANCIS R. TR U/W F. K. ROYALL				0.000326		
	SPINDLETOP EXPLORATION CO., INC.				0.000490		
	TAJJ, DONALD				0.009765		
	TAJJ, JAMES T.				0.009765		
	WATSON, WILLIAM B., AGENT & AIF				0.750000		
					12.500000		

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
088 A.J. ADKINS	T-21-S, R-36-E, NMPM SEC. 10: N1/2 NW1/4, SE1/4 NW1/4, SW1/4	280.00	HBP	ARCHBISCHOPRIC OF NEW YORK 4.593800 ATLANTIC RICHFIELD COMPANY 2.343800 CHAPPARRAL ROYALTY COMPANY 0.005758 COLONIAL ROYALTIES LIMITED PARTNERSHIP 0.012793 EXXON COMPANY, U.S.A. 1.562500 HOME STAKE OIL & GAS CO. 0.027766 HOMESTAKE ROYALTY CORP. 0.250000 INTEGRITY OIL & GAS INC. 0.027767 LAW, MARILYN M., REVOC TRUST 0.195300 LYETH OIL TRUST 0.781300 MOREY, JIMMY D., REVOC TRUST 0.195300 PATTERSON, ELYSE SAUNDERS, TRUST B 0.069400 PENTAGON OIL COMPANY 0.009216 PETRUST CORP OF AMERICA 0.416700 ROONEY, ONEZ NORMAN TEST/TR 0.390600 SCHACHNER, FRIEDA 0.083300 SPEIGHT, JUNE D. 0.520800 SSG LIMITED PARTNERSHIP 0.069500 TOLES COMPANY 0.069400 WATSON, WILLIAM B., AGENT & AIF 0.875000 ----- 12.500000	EXXON COMPANY, U.S.A.	100.000000	0.9313310
089 A.J. ADKINS	T-21-S, R-36-E, NMPM SEC. 10: NE1/4 NW1/4	40.00	HBP	ARCHBISCHOPRIC OF NEW YORK 2.296880 ATLANTIC RICHFIELD COMPANY 1.171880 CHAPPARRAL ROYALTY COMPANY 0.002880 COLONIAL ROYALTIES LIMITED PARTNERSHIP 0.006400 EXXON COMPANY, U.S.A. 5.468740 EXXON COMPANY, U.S.A. 0.781260 HOME STAKE OIL & GAS CO. 0.013900 HOMESTAKE ROYALTY CORP. 0.013900 INTEGRITY OIL & GAS INC. 0.125000 LAW, MARILYN M., REVOC TRUST 0.195314 LYETH, PATRICIA D. 0.781260 MOREY, JAMES W., TEST TRUST 0.390630	CHEVRON U.S.A. INC. EXXON COMPANY, U.S.A.	50.000000 50.000000	0.4233130

*TOTAL 088

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
089				MOREY, JIMMY D., REVOC TRUST	0.195316		
				PATTERSON, ELLYSE S., ESTATE	0.034720		
				PENTAGON OIL COMPANY	0.004600		
				PETRUST CORP OF AMERICA	0.208320		
				SCHACHNER, FRIEDA	0.041660		
				SPEIGHT, JUNE D.	0.260400		
				SSG LIMITED PARTNERSHIP	0.034720		
				THE TOLES COMPANY	0.034720		
				WATSON, WILLIAM B., AGENT & AIF	0.437500		
					12.500000		

090 J.D. KNOX	T-21-S, R-36-E, NMPM SEC. 10: E1/2	320.00	HBP	ARCO OIL & GAS COMPANY	0.585900		
				AMOCO PRODUCTION COMPANY, U.S.A.	0.390700		
				ATLANTIC RICHFIELD COMPANY	6.250000		
				BOONE, DAN E.	0.019945		
				BOONE, DOROTHY WALKER	0.035227		
				BOONE, J.E.B. ESTATE	0.148676		
				CARR, PHILLIP E.	0.018648		
				CLIFT, HUBERT E., TSTMTRY TRUST	0.065100		
				CLIFT, JEANNETTE C. ESTATE	0.195300		
				COKE, A. L., ESTATE	0.097650		
				COOKE, ANNIE LEE CONE, ET AL	0.097650		
				GEORGE, JEANNETTE F CLIFT	0.130200		
				MADELEY, FRANCES S., ESTATE	0.139093		
				MADELEY, HERBERT WAYNE	0.001037		
				MOBIL PRODUCING TEXAS & NEW MEXICO INC.	1.562600		
				PETRUST CORP OF AMERICA	0.312500		
				PHILLIPS, L D	0.006216		
				PHILLIPS, VIRGINIA W	0.006216		
				PROTESTANT EPISCOPAL CHURCH FOUNDATION	0.015542		
				SABINE ROYALTY TRUST	0.390600		
				SPEIGHT, JUNE D.	0.976500		
				SPEIGHT, JUNE D.	0.976600		
				W.E.F. HOLDING, INC.	0.078100		

					100.000000		1.6048760
						EXXON COMPANY, U.S.A.	

*TOTAL 089

EUNICE MONUMENT SOUTH UNIT (ENSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT	
*TOTAL 090								
091 MCQUARTERS	T-21-S, R-36-E, NMPM SEC. 11: S1/2 NE1/4, NW1/4 SE1/4	120.00	HBP	AGINS, FREDERICKA ANTWELL, ALAN JOEL BERRYMAN, E. DOYLE BRADLEY NOMINEE CORPORATION EXXON COMPANY, U.S.A. FLEISCHMANN, WILLIAM H. JR GARLAND MINERALS CORPORATION GILBERT, JOE HART, JACK L. HENCKEL, RODNEY MARY IRIS GOLDSTON CORPORATION MAYFIELD CORPORATION MITCHELL MINERALS CORPORATION PENN BROTHERS, INC. PENSON, NANCY ELIZABETH SEDMAYR, THEODORE, ESTATE SHELL WESTERN E&P INC. SMITH, MELTON STIEREN, JACK, ESTATE TORTUGA OIL AND GAS VON GOTARD, CONSTANCE	AMOCO PRODUCTION COMPANY, U.S.S. 12-50000	AMERADA HESS CORPORATION AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY BRUIN ENERGY LTD CARPENTER OIL & GAS COMPANY CHEVRON U.S.A. INC. CHEVRON U.S.A. INC. COMOCO INC. ENERGY PRODUCTION CORPORATION EXXON COMPANY, U.S.A. EXXON COMPANY, U.S.A. FIVE STATES LIMITED 1987 KOGH EXPLORATION COMPANY PAULEY, S.F. SHELL WESTERN E&P INC. WISER OIL COMPANY	0.180025 1.148050 2.724737 0.073100 0.118425 25.000000 5.208675 1.289413 0.000913 0.688200 12.500000 0.032788 0.043525 0.045150 0.006762 0.925725 50.014512	0.2098480
*TOTAL 091								
092 M.S. BERRYMAN	T-21-S, R-36-E, NMPM SEC. 11: SW1/4 SE1/4	40.00	HBP	BERRYMAN, E. DOYLE BRADLEY NOMINEE CORPORATION CARR, CARL CARR, VERNON EXXON COMPANY, U.S.A. FIVE STATES LIMITED 1987 GARLAND MINERALS CORPORATION	ATLANTIC RICHFIELD COMPANY	100.000000	0.0509730	

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
EUNICE MONUMENT SOUTH UNIT AREA - A
LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT	
092				GILBERT, JOE HART, JACK L. HART, JACK L. HENCKEL, RODNEY MANUFACTURES HAMOVER TRUST CO., AGENT MARY IRIS GOLDSTON CORPORATION MAYFIELD CORPORATION MITCHELL MINERALS CORPORATION MITCHELL, JOHN JEFFERSON PENN BROTHERS, INC PENSON, NANCY ELIZABETH SEDMAYR, JOHN E. SMITH, WELDON STIEREN, JACK, ESTATE TORTUGA OIL AND GAS WALKER, NORA				
				0.009770 0.003990 0.002990 0.009770 0.781250 0.843750 0.843750 0.039060 0.100580 0.763910 2.292240 0.781250 0.022460 0.032530 0.028040 0.001110 12.500000				
*TOTAL 092							0.0556570 *	

093 MARSHALL
T-21-S, R-36-E, N1/4 NW1/4
SEC. 11: NE1/4 SE1/4
SEC. 12: NW1/4 SW1/4

80.00 HBP

093A MARSHALL

(40.00)

HBP
AGINS, FREDERICKA
ANDREWS, SELMA E. TRUST
ANTHILL, ALAN JOEL
BERRYMAN, E. DOYLE
BOYS CLUB OF AMERICA
BRAILLE INSTITUTE OF AMERICA INC
ELKS NATIONAL FOUNDATION
FINCH, JULIETTE R.
FLEISCHMANN, WILLIAM H. JR
HOME STAKE OIL & GAS CO.
HOMESTAKE ROYALTY CORP.
KENT, MARGUERITE M.

53.020000
19.219000
0.663000
23.784000
1.657000
1.657000

BRUIN ENERGY LTD
CARPENTER OIL & GAS COMPANY
ENERGY PRODUCTION CORPORATION
FIVE STATES LIMITED 1987
FIVE STATES 1988-A, LTD.
PAULEY, S.F.

0.260417
1.678280
0.781250
0.781250
0.156250
1.446730
0.156250
0.781250
0.260417
0.195310
0.195310
0.781250

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT	
093A	SEC. 12: NW1/4 SW1/4	(40.00)	HBP	LEONARD, PATRICK J. LEONARD, ROBERT J. LEONARD, TIMOTHY T. MCKIM, RAY L. MCMILLAN, H.M. TRUST MULLEN, J. SYLVESTER, TRUST NEW MEXICO BOYS RANCH REGENTS OF THE UNIVERSITY OF NEW MEXICO SEDLIMAYR, THEODORE, ESTATE SHATTUCK-ST. MARY'S SCHOOLS SMITH, CHARLES TYSON II SPRIGHT, JUNE D. VON GOTARD, CONSTANCE	0.260410 0.260420 0.260420 0.781250 0.195310 0.195310 0.156250 0.156250 0.781250 0.156250 0.781250 0.781250 0.781250 0.260416 12.500000			
093B MARSHALL	SEC. 12: NW1/4 SW1/4	(40.00)	HBP	AGINS, FREDERICKA ANDREWS, SELMA E. TRUST ANTHEIL, ALAN JOEL BERRYMAN, E. DOYLE BOYS CLUB OF AMERICA BRAILLE INSTITUTE OF AMERICA INC ELKS NATIONAL FOUNDATION FINCH, JULIETTE R. FLEISCHMANN, WILLIAM H. JR HOME STAKE OIL & GAS CO. HOMESTAKE ROYALTY CORP. KENT, MARGUERITE M. LEONARD, PATRICK J. LEONARD, ROBERT J. LEONARD, TIMOTHY T. MCKIM, RAY L. MCMILLAN, H.M. TRUST MULLEN, J. SYLVESTER, TRUST NEW MEXICO BOYS RANCH REGENTS OF THE UNIVERSITY OF NEW MEXICO	0.260417 1.678280 0.781250 0.781250 0.156250 1.446730 0.156250 0.781250 0.260417 0.195310 0.195310 0.781250 0.260410 0.260420 0.260420 0.781250 0.195310 0.195310 0.156250 0.156250	BRUIN ENERGY LTD CARPENTER OIL & GAS COMPANY ENERGY PRODUCTION CORPORATION FIVE STATES LIMITED 1987 FIVE STATES 1988-A, LTD. PAULEY, S.F.	53.070000 19.219000 0.663000 23.784000 1.657000 1.657000	0.000000 *

*TOTAL 093A

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT	
093B				RUTLAND, WILMA 0.195320 SEDLMAYR, THEODORE, ESTATE 0.781250 SHATTUCK-ST. MARY'S SCHOOLS 0.156250 SHULTS, JACK 0.195310 SHULTS, VAN 0.195310 SHULTS, WANDA 0.195310 SMITH, CHARLES TYSON II 0.781250 VON GOTARD, CONSTANCE 0.260417 12.500000				
*TOTAL 093B								
094 MARSHALL	T-21-S, R-36-E, NWPM SEC. 11: SE1/4 SW1/4 SEC. 12: SW1/4 SW1/4	80.00	HBP				0.1536870 *	
094A MARSHALL	SEC. 11: SE1/4 SE1/4	(40.00)	HBP	ANDREWS, SELMA E. TRUST 0.678280 BERRYMAN, E. DOYLE 0.781250 BOYS CLUB OF AMERICA 0.156250 BRAILLE INSTITUTE OF AMERICA INC 1.446730 ELKS NATIONAL FOUNDATION 0.156250 FINCH, JULIETTE R. 0.781250 FIVE STATES LIMITED 1987 0.781250 HOME STAKE OIL & GAS CO. 0.195310 HOMESTAKE ROYALTY CORP. 0.195310 KENT, MARGUERITE M. 0.781250 LEONARD, PATRICK J. 0.260410 LEONARD, ROBERT J. 0.260420 LEONARD, TIMOTHY T. 0.781250 MANUFACTURES HANDOVER TRUST CO., AGENT 0.781250 MCKIM, RAY L. 0.781250 MCMILLAN, H.M. TRUST 0.195310 MULLEN, J. SYLVESTER, TRUST 0.195310 NEW MEXICO BOYS RANCH 0.156250 REGENTS OF THE UNIVERSITY OF NEW MEXICO 0.156250 SEDLMAYR, JOHN E. 0.781250		AMERADA HESS CORPORATION 1.440200 AMOCO PRODUCTION COMPANY, U.S.A. 9.184400 ATLANTIC RICHFIELD COMPANY 21.797900 BRUIN ENERGY LTD 0.584800 CARPENTER OIL & GAS COMPANY 0.947400 CHEVRON U.S.A. INC. 41.669400 CONOCO INC. 10.315300 ENERGY PRODUCTION CORPORATION 0.007300 EXXON COMPANY, U.S.A. 5.505600 FIVE STATES LIMITED 1987 0.262300 FIVE STATES 1988-A, LTD. 0.348200 KOGH EXPLORATION COMPANY 0.361200 PAULEY, S.F. 0.054100 SHELL WESTERN E&P INC. 7.405800 WISER OIL COMPANY 0.116100	(0.0623580) *	

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT	
094A				SHATTUCK-ST. MARY'S SCHOOLS SMITH, CHARLES TYSON II SPUGHT, JUNE D.	0.156250 0.781250 0.781250 ----- 12.500000			
*TOTAL 094A								
094B MARSHALL	SEC. 12; SW1/4 SW1/4	(40.00)	HBP	ANDREWS, SELMA E. TRUST BERRYMAN, E. DOYLE BOYS CLUB OF AMERICA BRAILLE INSTITUTE OF AMERICA INC ELKS NATIONAL FOUNDATION FINCH, JULIETTE R. FIVE STATES LIMITED 1987 HOME STAKE OIL & GAS CO. HOMESTAKE ROYALTY CORP. KENT, MARGUERITE M. LEONARD, PATRICK J. LEONARD, ROBERT J. LEONARD, TIMOTHY T. MANUFACTURES HANDOVER TRUST CO., AGENT MCKIM, RAY L. MCMILLAN, H.M. TRUST MULLEN, J. SYLVESTER, TRUST NEW MEXICO BOYS RANCH REGENTS OF THE UNIVERSITY OF NEW MEXICO RUTLAND, WILMA SEDLIMAYR, JOHN E. SHATTUCK-ST. MARY'S SCHOOLS SHULTS, JACK SHULTS, VAN SHULTS, WANDA SMITH, CHARLES TYSON II	1.678280 0.781250 0.156250 1.446730 0.156250 0.781250 0.781250 0.195310 0.195310 0.781250 0.260410 0.260420 0.781250 0.195310 0.195310 0.781250 0.195310 0.195310 0.156250 0.781250 0.195310 0.195310 0.781250 ----- 12.500000	AMERADA HESS CORPORATION AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY BRUJIN ENERGY LTD CARPENTER OIL & GAS COMPANY CHEVRON U.S.A. INC. CONOCO INC. ENERGY PRODUCTION CORPORATION EXXON COMPANY, U.S.A. FIVE STATES LIMITED 1987 FIVE STATES 1988-A, LTD. KOCH EXPLORATION COMPANY PAULEY, S.F. SHELL WESTERN E&P INC. WISER OIL COMPANY	1.440200 9.184400 21.797900 0.584800 0.947400 41.669400 10.315300 0.007300 5.505600 0.262300 0.348200 0.361200 0.054100 7.405800 0.116100	(0.0913290) *
*TOTAL 094B								

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'

SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE EUNICE MONUMENT SOUTH UNIT AREA - A
LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
095 COLEMAN "A"	T-21-S, R-36-E, NWPM SEC. 17: NW1/4 NW1/4	40.00	HBP	ARCHER, FANCHER ARCHIBSCHOPIC OF NEW YORK ATLANTIC RICHFIELD COMPANY BRADLEY NOMINEE CORPORATION CARTER, ANDERSON CARTER, POMHATAN JR. CRAIG LTD EDWARDS, EMELY ANN FIRST CITY NATIONAL BANK, TRUSTEE GUTMAN, ALFRED E. GUTMAN, DANIEL L. GUTMAN, DOROTHY, TRUSTEE GUTMAN, MAX, TRUST GUTTAG, BETTY H. R. STASNEY AND SONS COMPANY HOMESTAKE OIL & GAS CO. HOMESTAKE ROYALTY CORP. HORNE, MARY M., TRUST HURLEY, MARY FRANCES (FRANA) INJECTION ENGINEERING SVC JONES ROBINSON LTD KELLOUGH, ROBERT BOOTH LASCA, INC. MOBIL PRODUCING TEXAS & NEW MEXICO INC. RANSON, CHARLES DANIEL RANSON, WILLIAM COLEMAN SEAL, WILLIAM G & MARGELLYN J SEAL SIMPSON, JEAN ANDERSON, LIVING TRUST SOCOLON, EDITH G. AND A. WALTER SOCOLON SUMMERS, LOUISE TEXACO PRODUCING, INC. TEXARO OIL COMPANY VENABLE, R.H., ESTATE WENTZ HERITAGE WILLIS, PHILIP J. AND JACK WILLIS WILSON CHILDREN TRUST	2.148440 1.312500 0.227860 0.097660 0.097660 0.097650 0.052080 0.000720 0.195310 0.078130 0.078130 0.117190 0.234370 0.009760 0.020620 0.020620 1.171880 0.520840 0.019530 0.390630 0.065110 0.250000 0.781250 0.520830 0.520830 0.000720 0.000720 0.078120 0.195310 1.171870 0.078130 0.195310 0.781250 0.039060 0.021700	100.000000	0.3755530

TEXACO PRODUCING, INC.

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
095				WOOLDRIDGE, MACK H.	0.009770		
*TOTAL 095					12.500000		
096 COLEMAN	T-21-S, R-36-E, NMPM SEC. 17: NE1/4 NW1/4	40.00	HBP	ARCHER, FANCHER ARCHIBSCHOPRIC OF NEW YORK ATLANTIC RICHFIELD COMPANY ATLANTIC RICHFIELD COMPANY BRADLEY NOMINEE CORPORATION CARTER, ANDERSON CARTER, ANDERSON CARTER, POMHATAN JR. CARTER, POMHATAN JR. CRAIG, LTD. EDWARDS, EMELY ANN FIRST CITY NATIONAL BANK OF MIDLAND GOLDSTON, IRIS, ESTATE GUTMAN, ALFRED E. GUTMAN, CHARLES GUTMAN, DANIEL L. GUTMAN, MAX, TRUST GUTTAG, BETTY H. R. STASNEY AND SONS COMPANY HERPIN, NANCY ZOE GOLDSTON HOME STAKE OIL & GAS CO. HOME STAKE OIL & GAS CO. HOMESTAKE ROYALTY CORP. HOMESTAKE ROYALTY CORP. HORNE, MARY M., TRUST HORNE, MARY M., TRUST INJECTION ENGINEERING SVC JONES ROBINSON LTD KELLOUGH, ROBERT BOOTH LASCA, INC. MAYFIELD, JACK H. JR. MOBIL PRODUCING TEXAS & NEW MEXICO INC.	1.992200 1.312500 0.028487 0.199413 0.097700 0.048800 0.048850 0.048800 0.048850 0.052100 0.000725 0.195300 0.195300 0.078200 0.117200 0.078100 0.234400 0.117200 0.009750 0.097700 0.010852 0.009767 0.010852 0.009768 0.586000 0.585900 0.019500 0.390600 0.065100 0.250000 0.097600 1.562500	100.000000	0.3636100

ATLANTIC RICHFIELD COMPANY

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'

SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
EUNICE MONUMENT SOUTH UNIT AREA - A
LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
096				NEAL, J. W. NEAL, PATRICIA H SEAL, WILLIAM G SIMPSON, JEAN ANDERSON SOCOLOM, EDITH G & A. WALTER SOCOLOM SUMMERS, LOUISE TEXARD OIL COMPANY VENABLE, R.H., ESTATE WENTZ HERITAGE WENTZ LEGACY WILLIS, JACK WILLIS, PHILIP J WILSON CHILDREN TRUST WILSON, THOMAS B. WOOLDRIDGE, MACK H.	0.048825 0.048825 0.000722 0.000723 0.078100 0.097650 0.078100 0.195300 0.781250 0.781250 0.019550 0.019550 0.021691 1.718700 0.009750		
*TOTAL				12.500000			
097 COLEMAN	T-21-S, R-36-E, NWPM SEC. 17; NE1/4	160.00	HBP	ADDBE ROYALTY, INC. AMOCO PRODUCTION COMPANY, U.S.A. ARCHER, FANCHER ATLANTIC RICHFIELD COMPANY BLACKFORD, JAME CASE BOWER, DAVID A., IND. & AS AGENT BOWER, J.R., JR., TRUST BRADLEY DOMINEE CORPORATION COLLINS, J.L., ED FUND NCMB AGENCY #222 CRAIG LTD EDWARDS, EMELY ANN FARMERS UNION CO-OPERATIVE ROYALTY CO. FIRST CITY NATIONAL BANK, TRUSTEE FIVE STATES LIMITED 1987 H. R. STASNEY AND SONS COMPANY HOME STAKE OIL & GAS CO. HOMESTAKE ROYALTY CORP. HURLEY, MARY FRANCES (FRANA)	0.130210 0.520830 0.950560 0.384100 0.049810 0.173440 0.508980 0.097650 0.073240 0.052080 0.000720 0.292970 0.195310 0.292970 0.009760 0.020620 0.442710	100.000000	1.4153600
						TEXACO PRODUCING, INC.	

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
098	SEC. 17: W1/2 SE1/4		HBP	AMCO PRODUCTION COMPANY, U.S.A.			
				ARCHER, FANCHER	0.520830		
				ARCHIBSCHOPRIC OF NEW YORK	1.731780		
				ATLANTIC RICHFIELD COMPANY	1.312500		
				BOMER, DAVID A., IND. & AS AGENT	0.227860		
				BOMER, J.R. JR., TRUST	0.173430		
				BRADLEY NOMINEE CORPORATION	0.508980		
				CRAIG LTD	0.097660		
				DEVENPORT, JUDITH H., TRUSTEE	0.048660		
				EDWARDS, EMELY ANN	0.002370		
				FINNERAN, BETTY ANN	0.000730		
				FIRST CITY NATIONAL BANK, TRUSTEE	0.390630		
				GUTMAN, ALFRED E.	0.195310		
				GUTMAN, CHARLES	0.234370		
				GUTMAN, MAX, TRUST	0.117190		
				GUTTAG, BETTY	0.234370		
				H. R. STASNEY AND SONS COMPANY	0.117190		
				HOMESTAKE ROYALTY CORP.	0.009770		
				HOMESTAKE ROYALTY CORP.	0.020620		
				HURLEY, MARY FRANCES (FRANA)	0.572920		
				INJECTION ENGINEERING SVC	0.019530		
				JONES, EVERETT R., JR.	0.057820		
				KELLOUGH, ROBERT BOOTH	0.065100		
				LASCA, INC.	0.250000		
				LAW, MARILYN M., REVOC TRUST	0.097650		
				LYETH, PATRICIA D.	0.390630		
				MOBIL PRODUCING TEXAS & NEW MEXICO INC.	1.562500		
				MOREY, JIMMY D., REVOC TRUST	0.097660		
				RANSOM, CHARLES DANIEL	0.572920		
				RANSOM, WILLIAM COLEMAN	0.572910		
				ROONEY, ONEZ NORMAN TEST/TR	0.195310		
				ROYALL, FRANCES K	0.011170		
				ROYALL, JOHN R TRUST U/M/ F.M. ROYALL	0.006510		
				ROYALL, JOHN R, TRUST U/M N R ROYALL JR	0.002610		
				ROYALL, N R III TRUST U/M F M ROYALL	0.006510		
				ROYALL, N R III TRUST U/M N R ROYALL JR	0.002610		
				ROYALL, REBECCA	0.003040		

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT	
098				ROYALL, TUCKER B. SEAL, WILLIAM G. & MARCELLYN J SEAL SIDFORD, FRANCES R. SIMPSON, JEAN ANDERSON, LIVING TRUST SPINDLETOP EXPLORATION CO., INC. TEXARO OIL COMPANY VENABLE, R.H., ESTATE WENTZ HERITAGE WENTZ LEGACY WILLETS, ELMORE A., JR. WILLIS, PHILIP J. AND JACK WILLIS WILSON CHILDREN TRUST WOOLDRIDGE, MACK H.	0.003040 0.000720 0.003040 0.000720 0.001950 0.078120 0.195310 0.781250 0.781250 0.001060 0.039060 0.021700 0.009760 ----- 12.500000			
099	H.C. COLLINS T-21-S, R-36-E, NMPM SEC. 14: E1/2 W1/2, SW1/4 NE1/4, W1/2 SE1/4	280.00	HBP	ARCHER, FANCHER BEDFORD, ALANN P., TRUST BEDFORD, HELEN LEARMONT BEDFORD, HENRY DEGRAFFENREID, ESTATE BLEMETT, BARBARA TRUST BOWEN, RACHEL BEDFORD CARTER, ANDERSON CARTER, POMHATAN JR. CRAIG LTD CRUMP, JESSIE BLEVINS, FAMILY TRUSTS CRUMP, JOE & JESSIE FUND CROZ, JUDITH, TRUST DYMESICH, REMATE JONES ETZ OIL PROPERTIES, LIMITED ETZ, GEORGE H. SR., TRUST FARDON, RACHEL B. FIVE STATES LIMITED 1987 GLAISTER, IRENE FAROON GLASS, EVA PAYNE, TRUST GLASS, JULIAN W.	0.097600 0.125000 0.125000 0.125000 0.002750 0.125000 0.097650 0.097650 0.062500 0.195300 0.195300 0.002750 0.010420 0.390600 0.390600 0.015620 0.156250 0.015620 0.013750 0.027500	ATLANTIC RICHFIELD COMPANY CHEVRON U.S.A. INC. TEXACO PRODUCING, INC.	28.569948 57.140060 14.289992	0.6078380

*TOTAL 098

EUNICE MONUMENT SOUTH UNIT (ENSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
099				GLASS, JULIAN W. JR. 0.013750			
				H. R. STASNEY AND SONS COMPANY 0.013750			
				HESS, WANDA PRUETT 0.156200			
				INJECTION ENGINEERING SVC 0.027500			
				JOCHIMSEN, ALAN 0.781250			
				JONES, CHRISTOPHER DUKINFELD 0.010420			
				JONES, PETER FRANCIS 0.010420			
				LAW, MARILYN M., REVOC TRUST 0.703125			
				LIGHT, ROBERT S. 0.781250			
				LYETH, PATRICIA D. 2.812500			
				MOBIL PRODUCING TEXAS & NEW MEXICO INC. 0.968800			
				MOREY, JAMES M. TEST TRUST 1.406250			
				MOREY, JIMMY D., REVOC TRUST 0.703125			
				PATTERSON, ELLYSE S., ESTATE 0.065100			
				PENFIELD, BOYED E. 0.156250			
				PHILLIPS, D. MICHAEL, CO-TRUSTEE 0.010900			
				PHILLIPS, JOHN W. 0.011000			
				PHILLIPS, PAUL M. 0.011000			
				PHILLIPS, PIERRE D., TRUST # 1 0.011000			
				PHILLIPS, WILMA W. 0.005500			
				RANDOLPH, JANE D. 0.065100			
				RANDOLPH, RAYMOND W. 0.065100			
				RANSOM, MARY VERN 0.097700			
				ROELKE, MARY ELIZABETH 0.130200			
				SNOW, BILL R. 0.065100			
				SNOW, PHILIP 0.390600			
				SPEIGHT, JUNE D. 0.065100			
				SSG LIMITED PARTNERSHIP 0.065100			
				THE TOLES COMPANY 0.421200			
				TORCH OIL & GAS COMPANY 0.421200			
				WILLIAMS, ELLEN ANNE W. 0.125000			
				WOODBRIDGE, MACK H. 0.013750			

				12.500000			
				0.097600			
				ARCHER, FANCHER			
				40.00			
				T-21-S, R-36-E, NMPM			
				ATLANTIC RICHFIELD COMPANY			
				28.569587			
				0.0930850			

*TOTAL 099

100 FROMA LECK T-21-S, R-36-E, NMPM 40.00 ARCHER, FANCHER ATLANTIC RICHFIELD COMPANY 28.569587 0.0930850

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - A
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
100	SEC. 14: NW1/4 NE1/4		HBP				
				BEDFORD, ALAHH P., TRUST	0.125000	CHEVRON U.S.A. INC.	57.140248
				BEDFORD, HELEN LEARMONT	0.125000	TEXACO PRODUCING, INC.	14.290165
				BEDFORD, HENRY DEGRAFFENREID, ESTATE	0.125000		
				BLEWETT, BARBARA TRUST	0.002730		
				BOWEN, RACHEL BEDFORD	0.125000		
				CARTER, ANDERSON	0.097650		
				CARTER, POMHATAN JR.	0.097650		
				CRAIG LTD	0.062500		
				CRUMP, JESSIE BLEVINS, FAMILY TRUSTS	0.195300		
				CRUMP, JOE & JESSIE FUND	0.195300		
				CRUZ, JUDITH, TRUST	0.002730		
				DYMESICH, RENATE JONES	0.010420		
				ETZ OIL PROPERTIES, LIMITED	0.390600		
				ETZ, GEORGE H. SR., TRUST	0.390600		
				FARDON, RACHEL B.	0.015620		
				FIVE STATES LIMITED 1987	0.156250		
				GLAISTER, IRENE FARDON	0.015620		
				GLASS, EVA PAYNE, TRUST	0.013750		
				GLASS, JULIAN W.	0.027500		
				GLASS, JULIAN W. JR.	0.013750		
				H. R. STASNEY AND SONS COMPANY	0.013750		
				HESS, WANDA PRUETT	0.156200		
				INJECTION ENGINEERING SVC	0.027500		
				JOCHIMSEN, ALAN	0.781250		
				JONES, CHRISTOPHER DUKEFIELD	0.010420		
				JONES, PETER FRANCIS	0.010420		
				LAW, MARILYN M., REVOC TRUST	0.703125		
				LIGHT, ROBERT S.	0.781250		
				LYETH, PATRICIA D.	2.812500		
				MOBIL PRODUCING TEXAS & NEW MEXICO INC.	0.968800		
				MOREY, JAMES M, TEST TRUST	1.406250		
				MOREY, JIMMY D., REVOC TRUST	0.703125		
				PATTERSON, ELLYSE S., ESTATE	0.065100		
				PENFIELD, BOYED E.	0.156250		
				PHILLIPS, D. MICHAEL, CO-TRUSTEE	0.011000		
				PHILLIPS, JOHN W.	0.011000		
				PHILLIPS, PAUL M.	0.011000		

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'

SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE EUNICE MONUMENT SOUTH UNIT AREA - A
LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
101				SMITH, WELTON 0.022460			
				STIEREN, JACK, ESTATE 0.032530			
				TORTUGA OIL AND GAS 0.028040			
				VON GOTIARD, CONSTANCE 0.260410			

				12.500000			

*TOTAL 101

*** 31 PATENTED LANDS TRACTS TOTALING 3,180.28 ACRES -OR- 22.41% OF AREA A ***

R 36 E

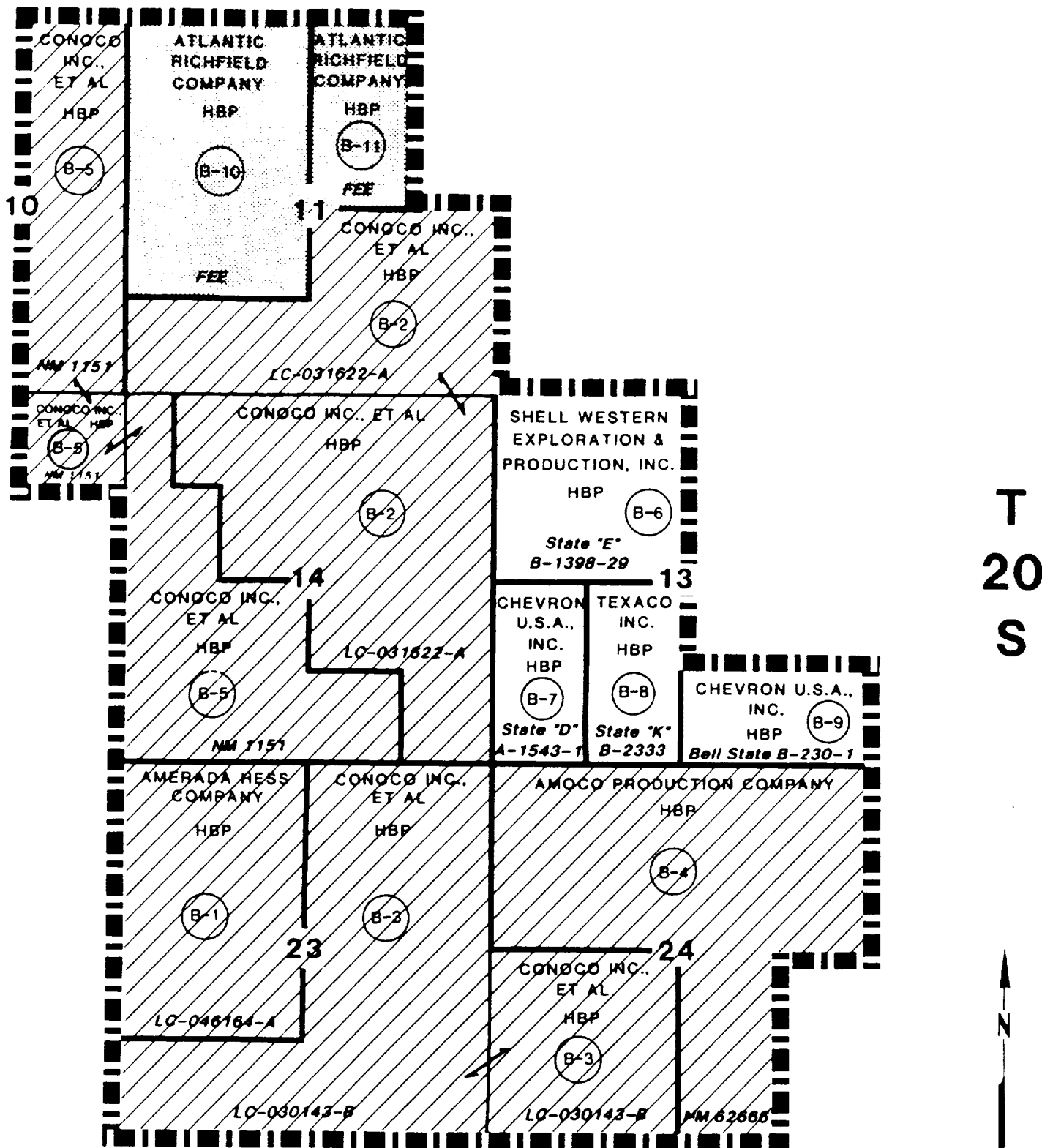





EXHIBIT "A"

EUNICE MONUMENT SOUTH UNIT EXPANSION AREA "B"

LEA CO., NEW MEXICO
UNIT EFFECTIVE 2-1-85
EXPANDED/REV. --90

CHEVRON U.S.A. INC.
HOUSTON, TEXAS

	ACREAGE	PERCENTAGE
	FEDERAL LANDS	2280 76.00
	STATE LANDS	400 13.33
	PATENTED LANDS	320 10.67
	TOTAL	3000 100.00

 UNIT OUTLINE  TRACT NUMBER



NOTE: UNLESS OTHERWISE INDICATED, THE VARIOUS SECTIONS ON THIS PLAT CONTAIN 640.00 ACRES

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'

SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNUTILIZED FORMATION FOR THE EUNICE MONUMENT SOUTH UNIT AREA - B
LEA COUNTY, NEW MEXICO

JULY 12, 1990

FEDERAL LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	SERIAL NO. AND EFFECTIVE DATE	BASIC ROYALTY OWNER AND PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
102 ANDREWS FEDERAL	T-20-S, R-36-E, MMPM SEC. 23: NW 1/4, N 1/2 SW 1/4	240.00	LC-046164-(A) HBP 09/23/35 RENEWAL 09/01/85	USA "C"	AMERADA HESS CORP.	SAUNDERS, JEANNE A., TRUST	2.500000 AMERADA HESS CORPORATION	100.000000 1.7168789
*** TOTAL ACRES IN THIS AREA IS 3,000.00 ***								
103 SANDERSON "A"	T-20-S, R-36-E, MMPM SEC. 14: NE 1/4, N 1/2 SE 1/4, SE 1/4 SE 1/4, E 1/2 NW 1/4, E 1/2 NW 1/4 NW 1/4 SEC. 11: SE 1/4, S 1/2 SW 1/4	620.00	LC-031622-(A) HBP 10/30/36 EXCHANGED 10/01/56	USA "C"	HELEN T. SANDERSON	MESRSTA, LENA GRACE SANDERSON, GIRVIN H. THOMPSON, BERT L. JR., ESTATE THOMPSON, FRANCES WESTERN MINERAL DEED ASSOCIATION	0.703110 AMOCO PRODUCTION COMPANY, U.S.A. 0.703110 ATLANTIC RICHFIELD COMPANY 0.703140 CHEVRON U.S.A. INC. 0.703140 CONOCO INC. 7.812500	25.000000 25.000000 25.000000 25.000000
104 REED "B"	T-20-S, R-36-E, MMPM SEC. 23: E 1/2, S 1/2 SW 1/4 SEC. 24: SW 1/4	560.00	LC-030143-(B) HBP 02/01/37 EXCHANGED 10/01/56	USA "D"	CONOCO, INC. ATLANTIC RICHFIELD CHEVRON U.S.A. INC.	AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY CHEVRON U.S.A. INC. CONOCO INC.	25.000000 25.000000 25.000000 25.000000	14.0376231
105 GILLULY "A"	T-20-S, R-36-E, MMPM SEC. 24: N 1/2, W 1/2 SE 1/4	400.00	NM-62666 HBP 03/30/37 EXCHANGED 03/01/52	USA "C"	AMOCO PROD. CO.	ANDREWS, SELMA E. TRUST BEAMS MINERALS COMPANY BRAILLE INSTITUTE OF AMERICA INC BRAUCHLI, C R DOLLEY, ROBERT C. GALLANT, CLARADEAN HAENNI, MARGARET B JENKINS, MARLIN H AND OR MURIEL L JENKINS, MARVIN G KEEFER, LEONARD D MACCAUGHTRY, LINA R AND LAWRENCE R ORYX ENERGY COMPANY PAYNE, JULIA H PAYNE, WESTON, TRUST UNION TEXAS PETROLEUM CORPORATION	2.685250 AMOCO PRODUCTION COMPANY, U.S.A. 0.044650 2.314750 0.011160 0.150000 0.125000 0.011160 0.250000 0.250000 0.375000 0.250000 0.064730 0.016960 0.027680 0.323660	100.000000 16.7106492

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - B
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

FEDERAL LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	SERIAL NO. AND EFFECTIVE DATE	BASIC ROYALTY OWNER AND PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
106 U. M. SANDERSON	T-20-S, R-36-E, NMPM SEC. 10: E 1/2 E 1/2 SEC. 14: SW 1/4 NW 1/4, SW 1/4, SW 1/4 SE 1/4, W 1/2 NW 1/4 NW 1/4 SEC. 15: NE 1/4 NE 1/4	460.00	NM-1151 HRP 10/01/56 EXCHANGED 10/01/56	USA "C"	HELEN T. SANDERSON	WARD, DANIEL ROBERT WARD, LINDA DOLLEY	0.500000 0.100000	7.7032192 25.000000 25.000000 25.000000

*** 5 FEDERAL LANDS TRACTS TOTALING 2,280.00 ACRES -OR- 75.00% OF AREA B ***

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
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 EUNICE MONUMENT SOUTH UNIT AREA - B
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

STATE LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	SERIAL NO. AND EFFECTIVE DATE	BASIC ROYALTY OWNER AND PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
107 STATE "E"	T-20-S, R-36-E, NMPM SEC. 13: NW 1/4	160.00	B-1398-29 HBP 01/26/28	STATE OF NEW MEXICO 12.500000	SHELL WESTERN E&P		SHELL WESTERN E&P INC. 100.000000	4.4693929
108 STATE "D"	T-20-S, R-36-E, NMPM SEC. 13: W 1/2 SW 1/4	80.00	A-1543-1 HBP 12/29/28	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A INC.		CHEVRON U.S.A. INC. 100.000000	3.3726432
109 STATE "K"	T-20-S, R-36-E, NMPM SEC. 13: E 1/2 SW 1/4	80.00	B-2333-3 HBP 01/02/29	STATE OF NEW MEXICO 12.500000	TEXACO PRODUCING CO.		AMERADA HESS CORPORATION 1.727989 AMOCO PRODUCTION COMPANY, U.S.A. 30.739571 ATLANTIC RICHFIELD COMPANY 29.590155 CHEVRON U.S.A. INC. 19.523183 CONOCO INC. 13.920787 SHELL WESTERN E&P INC. 4.498315	0.6429433
110 BELL STATE	T-20-S, R-36-E, NMPM SEC. 13: S 1/2 SE 1/4	80.00	B-230-1 HBP 09/10/31	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A. INC.		CHEVRON U.S.A. INC. 100.000000	2.1937330

* * * 4 STATE LANDS TRACTS TOTALING 400.00 ACRES -OR- 13.33% OF AREA B * * *

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

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 EUNICE MONUMENT SOUTH UNIT AREA - B
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
111 W. P BYRD	T-20-S, R-36-E, NMPM SEC. 11: NW 1/4, N 1/2 SW 1/4	240.00	HBP			ATLANTIC RICHFIELD COMPANY	100.000000 10.80686893
				AMROY COMPANY	0.061690		
				ANDERSON, R. G., CONSOLIDATED TRUST	0.043400		
				ARMSTRONG, JAMES G.	0.173610		
				BAKER, WILLIAM B., ESTATE	0.045570		
				BECKFORD, ELSIE D. & HAROLD E., IRREV. TR.	0.097660		
				BYRON, JEANNINE HOOPER	1.388887		
				CARTER, DANNIE A	0.001080		
				CORDER, EULA	0.000030		
				CORRIGAN III, HUGH	0.260410		
				CORRIGAN, J. PATRICK	0.260420		
				DELTEX ROYALTY COMPANY	0.520830		
				DOWNING, CHARLES	0.008682		
				DOWNING, LELAND	0.008682		
				DUWIGER, DOROTHY	0.013020		
				DUWIGER, DOROTHY	0.004340		
				DUWIGER, DOROTHY	0.006515		
				DUWIGER, DOROTHY	0.002170		
				ELLINGHAUSEN, MARY ELIZABETH	0.007520		
				ELLINGHAUSER, MARIE, ESTATE	0.071610		
				GEDDYNE RESOURCES, INC.	2.734370		
				GREENFELD FAMILY TRUST	0.048830		
				GRIGGS, EMMA M. ESTATE	0.000010		
				HANNERS, JEROME T.	0.039060		
				HARLOW ROYALTIES, INC.	0.000430		
				HOOVER, JERRY L.	1.388886		
				HOOVER, JIMMY JOE	1.388887		
				HURLEY, G. WILLIAM	0.043400		
				HYLAND, EDWIN F	0.032550		
				JENNINGS, JANE	0.008681		
				JOHN W. MOUSER COMPANY	0.173610		
				KEC ACQUISITION CORP.	0.173610		
				KENDALL, RUTH C.	0.026045		
				KNOWLES, JAMES W.	0.347220		
				KOPPEL, ROLLINS M.	0.001090		

*** TOTAL ACRES IN THIS AREA IS 3,000.00 ***

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

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 IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
 EUNICE MONUMENT SOUTH UNIT AREA - B
 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
				MARELEET, CHRISTINE	0.078120		
				MEADER, MARION L.	0.000120		
				MELINDA INVESTMENT CORPORATION	0.082460		
				MUDD, SEELEY G., TRUST	0.195310		
				NCNB TEXAS NATIONAL BANK, AS SUCCESSOR	0.520840		
				PENN ROYALTY COMPANY	0.001830		
				POMONA COLLEGE, A CORPORATION	0.032550		
				PRICE, HOSEA V.	0.000010		
				ROSEN, MARVIN N., TRUSTEE	0.048820		
				RUSHING, IRMA J.	0.347230		
				SCHNEIDER, FRANCES	0.013020		
				SCHNEIDER, FRANCES	0.004340		
				SCHNEIDER, FRANCES	0.006515		
				SCHNEIDER, FRANCES	0.002170		
				SKAGGS, JACK, ESTATE	0.001090		
				SMITH, LUCILLE T., ESTATE	0.045570		
				STONE, STIERBERG ANN	0.001090		
				W A YEAGER GROUP,	0.006510		
				W A YEAGER GROUP,	0.021702		
				W A YEAGER GROUP,	0.086810		
				W A YEAGER GROUP,	0.004340		
				W A YEAGER GROUP,	0.010851		
				W A YEAGER GROUP,	0.021702		
				W A YEAGER GROUP,	0.021705		
				WAY ENTERPRISES, INC.	0.520830		
				WOOLDRIDGE, MACK H.	0.694440		
				WOOLDRIDGE, MACK H.	0.347220		
					12.500000		

*TOTAL 111

112 M.J. BYRD	I-20-S. R-36-E, NMPM SEC. 11: W 1/2 NE 1/4	80.00	HBP	AMROY COMPANY	0.357780	ATLANTIC RICHFIELD COMPANY	100.000000	4,761,7539
				BAKER, WILLIAM B., ESTATE	0.045570			
				BARTON JR., ROY G.	0.117185			
				BICKFORD, ELSIE D & HAROLD E., IRREV. TR.	0.097660			
				CLEBOSKI, JANICE LYNN	0.117185			
				CORDER, EULA	0.000160			

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION
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 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
	DOWNING, CHARLES				0.008682		
	DOWNING, LELAND				0.008682		
	DUEWIGER, DOROTHY				0.013020		
	DUEWIGER, DOROTHY				0.004340		
	DUEWIGER, DOROTHY				0.002170		
	DUEWIGER, DOROTHY				0.006515		
	EAGER, GEORGE				0.625000		
	ELLINGHAUSER, MARY ELIZABETH				0.008410		
	ELLINGHAUSER, MARIE, ESTATE				0.075490		
	GEODYNE RESOURCES, INC.				5.859370		
	GOLDBERG, BETTINE ETHEL				0.078120		
	GREENFIELD FAMILY TRUST				0.048830		
	GRIGGS, EMMA M. ESTATE				0.000010		
	HANNERS, JEROME T.				0.039060		
	HARLOW ROYALTIES, INC.				0.002430		
	HILL, HERBERT EDWARD				0.156250		
	HYLAND, EDWIN F				0.032550		
	JENNINGS, JANE				0.008681		
	KENDALL, RUTH C.				0.026045		
	MARLEET, CHRISTINE				0.078120		
	MEADER, MARION L.				0.000730		
	MENDOZA, MICHAEL I. A.				0.078130		
	MUDD, SEELEY G., TRUST				0.195320		
	MURDOCH, M. G.				0.078130		
	NCNB TEXAS NATIONAL BANK, AS SUCCESSOR				0.520830		
	PENN ROYALTY COMPANY				0.010700		
	PETERSENS, ALICE H AF				0.234380		
	POMONA COLLEGE, A CORPORATION				0.032550		
	PRICE, HOSEA V.				0.000020		
	RIDGWAY, RUBY				0.937500		
	ROSEN, MARVIN N., TRUSTEE				0.048830		
	SCHNEIDER, FRANCES				0.013020		
	SCHNEIDER, FRANCES				0.004340		
	SCHNEIDER, FRANCES				0.006515		
	SCHNEIDER, FRANCES				0.002170		
	SMITH, LUCILLE T., ESTATE				0.045570		
	SMITH, NANCY TAYLOR				0.312500		

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

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 LEA COUNTY, NEW MEXICO

JULY 12, 1990

PATENTED LANDS

TRACT NO. AND TRACT NAME	DESCRIPTION OF LAND	ACRES	LEASE STATUS	BASIC ROYALTY OWNER AND PERCENTAGE	OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
112				THOMPSON, TIMOTHY IAN 0.078130			
				THOMPSON, TIMOTHY IAN 0.078120			
				WARNER, ANNE H 0.234370			
				WITMER OIL AND GAS TRUST 1.145830			
				WOOLDRIDGE, MACK H. 0.625000			

				12.500000			

*TOTAL 112

*** 2 PATENTED LANDS TRACTS TOTALING 320.00 ACRES -OR- 10.67% OF AREA B ***