

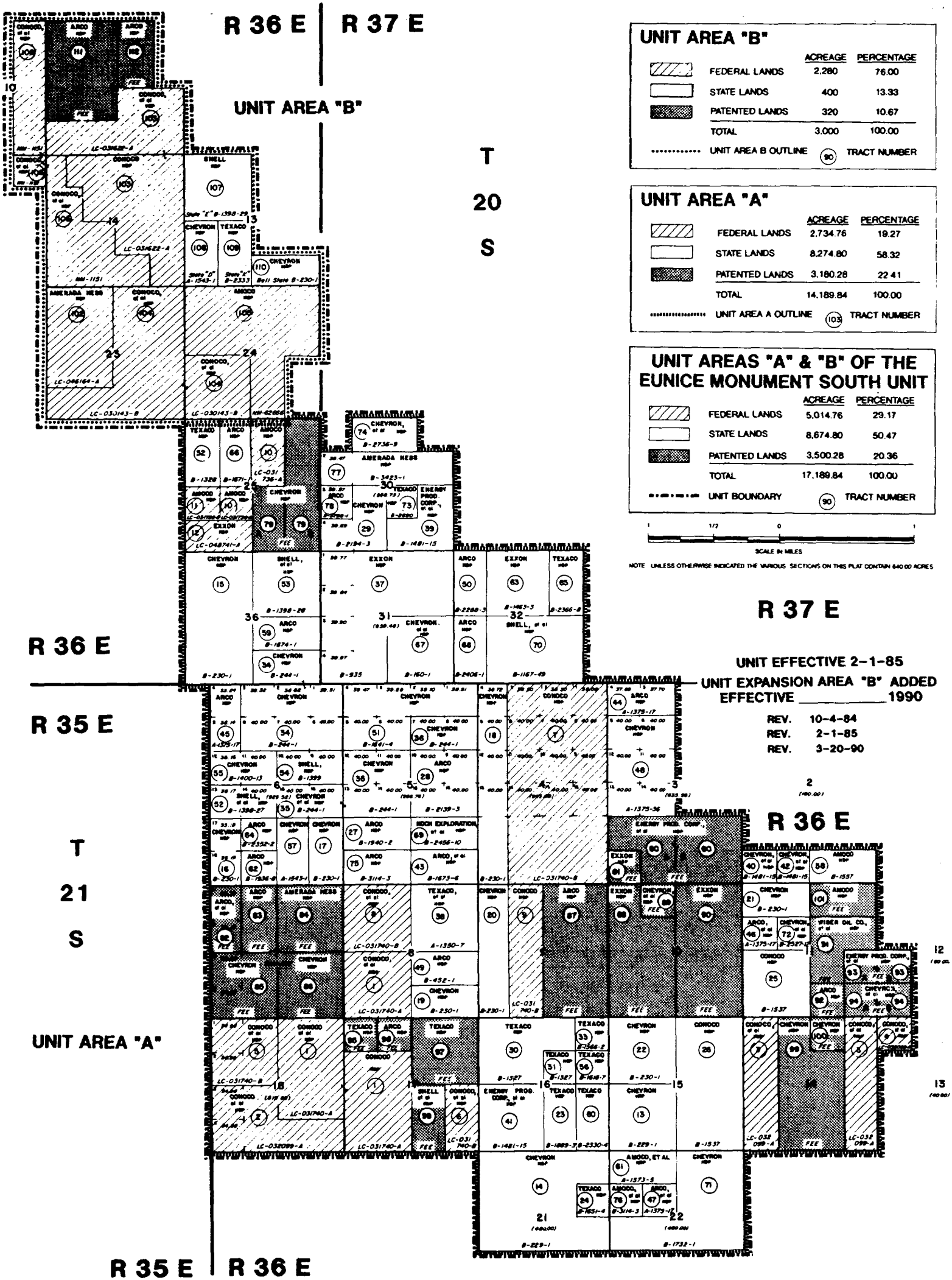


EXHIBIT 'A'

**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 EXCHANGED 02/01/51	USA "C"	A. E. MEYER	ATLANTIC RICHFIELD COMPANY	0.921052 AMOCO PRODUCTION COMPANY, U.S.A.	8.3087580
						BEDFORD, ALANN P., TRUST	0.018420 ATLANTIC RICHFIELD COMPANY	25.000000
						BEDFORD, HELEN LEARMONT	0.018420 CHEVRON U.S.A. INC.	25.000000
						BEDFORD, HENRY D	0.018420 CONOCO INC.	25.000000
						BOWEN, RACHEL BEDFORD	0.018420	
						BRADLEY NOMINEE CORPORATION	0.115132	
						COLL, CHARLES H.	0.132392	
						COLL, JAMES N.	0.132412	
						COLL, JON F.	0.132392	
						COLL, MAX W. II	0.132412	
						ETZ OIL PROPERTIES, LIMITED	0.172692	
						ETZ, GEORGE H. SR., TRUST	0.172692	
						FIVE STATES LIMITED 1987	0.460572	
						GARLAND MINERALS CORPORATION	0.118816	
						GILBERT, JOE	0.013816	
						HENGCKEL, RODNEY	0.013816	
002 LOCKHART "A-18"	T-21-S, R-36-E, NMPM SEC. 18: LOTS 3-4 E1/2 SW1/4	229.97	LC-032099-A HBP	USA "C"	KEC ACQUISITION CORP.	0.574220		
					LAW, MARILYN M., REVOC TRUST	0.103616		
					LYETH, PATRICIA D.	0.414472		
					MARY IRIS GOLDSTON CORPORATION	1.193684		
					MAYFIELD CORPORATION	1.193684		
					MITCHELL MINERALS CORPORATION	0.055264		
					MITCHELL, JOHN JEFFERSON	0.142304		
					MOREY, JAMES M, TEST TRUST	0.207236		
					MOREY, JIMMY D., REVOC TRUST	0.103620		
					RUDY, ELLIS	0.001432		
					SMITH, NELTON	0.031776		
					WILLIAMS, ELLEN ANNE W.	0.018420		
					WISER OIL COMPANY	0.276312		
					CONOCO INC.	0.027775 AMOCO PRODUCTION COMPANY, U.S.A.	25.000000	
					CHEVRON U.S.A. INC.	0.666670 ATLANTIC RICHFIELD COMPANY	25.000000	
					AMOCO PRODUCTION CO.	0.716060 CHEVRON U.S.A. INC.	25.000000	

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

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
002	51/2 SE1/4		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	
						BRATTLE INSTITUTE OF AMERICA INC	0.617270	
						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	0.666660	
						NINIAN OIL COMPANY	0.033340	
						PEDLEY, DAVID M.	0.027775	
						PEDLEY, JOHN C.	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

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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: W1/2 W1/2, E1/2 E1/2	320.00	LC-032099-B HBP 06/23/31 EXCHANGED 07/01/52	USA "D"	CONOCO INC. CHEVRON U.S.A. INC. AMOCO PRODUCTION CO. ATLANTIC RICHFIELD	ROSS, REEDE CHRISTMAN (MRS.) SADLER, JACKSON L. SHATLUCK-ST. MARY'S SCHOOLS SMITH, JOSEPHINE M., TRUST SOCOLOW, EDITH G. AND A. WALTER SOCLOLW TEXARO 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
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 "D"	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.	25.000000 25.000000 25.000000 25.000000
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 "D"	LOIS E. MEYER		AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY CHEVRON U.S.A. INC. CONOCO INC.	25.000000 25.000000 25.000000 25.000000
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 "D"	LOIS E. MEYER		AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY CHEVRON U.S.A. INC. CONOCO INC.	25.000000 25.000000 25.000000 25.000000
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 "D"	LOIS E. MEYER		AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY CHEVRON U.S.A. INC. CONOCO INC.	25.000000 25.000000 25.000000 25.000000

6.6645060

EUNICE MONUMENT SOUTH UNIT (ENSU) APPLICATION

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

JULY 12, 1990

FEDERAL LANDS

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008 MEYER "B-8"	T-21-S, R-36-E, N4PM 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 25.000000 25.000000 25.000000
009 MEYER "B-9"	T-21-S, R-36-E, N4PM SEC. 9: E1/2 NW1/2	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 25.000000 25.000000 25.000000
010 GILLULY "A"	T-20-S, R-36-E, N4PM SEC. 25: NW1/4, NE1/4, NW1/4 SW1/4	120.00	LC-031736-A HBP 03/30/37 EXCHANGED 03/01/57	USA "C"	AMOCO PRODUCTION CO.	ANDREWS, SELMA E. TRUST BEAMS MINERALS COMPANY BRAILLE INSTITUTE OF AMERICA INC BRAUCHLI, C R CRAIG LTD DEVENPORT, JUDITH H., TRUSTEE DOLLEY, ROBERT C. GALLANT, CLARADEAN HAENNI, MARGARET B JENKINS, MARLIN H AND OR MURIEL L KEEFER, LEONARD D MACCAUGHTRY, LINA R AND LAWRENCE R ORYX ENERGY COMPANY 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 100.000000 100.000000 100.000000 100.000000 100.000000 100.000000 100.000000 100.000000 100.000000 100.000000 100.000000 100.000000 100.000000 100.000000 100.000000 100.000000 100.000000 100.000000
011 GILLULY "B" FEDERAL	T-20-S, R-36-E, N4PM 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 100.000000 100.000000 100.000000

EUNICE MONUMENT SOUTH UNIT (EWSU) APPLICATION

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

JULY 12, 1990

FEDERAL LANDS

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EXCHANGED 03/01/57								
012 FOPEANO FEDERAL	T-20-S, R-36-E, N4PM SEC. 25: S1/2 SW1/4	80.00	LC-048741-A HBP 07/01/37 RENEWAL 07/01/77	USA "C"	EXXON CORPORATION	DE FORD, RONALD K. FOPEANO, NELLIE PRINCE RIGGS, GEORGE & EDITH LIVING TRUST WILLS ROYALTY INC.	0.781300 EXXON COMPANY, U.S.A. 0.781300 0.781200 0.781200	100.000000 0.1512240

* * * 12 FEDERAL LANDS TRACTS TOTALING 2,734.76 ACRES -OR- 19.27% OF AREA A * * *

EUNICE MONUMENT SOUTH UNIT (ESU) APPLICATION

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013 J.F. 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.	100.000000 1.0553500
014 ARNOTT-ROMSAY (NCT-C)	T-21-S, R-36-E, NMPM SEC. 21; NW1/4, N1/2 SW1/4, 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.	100.000000 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.	100.000000 3.1955070
016 R.R. BELL (NCT-D)	T-21-S, R-36-E, NMPM SEC. 6; LOTS 17,18 W1/2	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.	100.000000 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.	100.000000 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.	100.000000 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.	100.000000 0.4261010

EUNICE MONUMENT SOUTH UNIT (ENSU) APPLICATION

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020 BELL-RAWSEY (NCT-A)	T-21-S, R-36-E, NMPM SEC. 9: W1/2 W1/2	160.00	B-230-1 HBP 02/28/28	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A. INC.		CHEVRON U.S.A. INC.	100.000000 0.7963470
021 R.R. BELL (NCT-E)	T-21-S, R-36-E, NMPM SEC. 11: W1/2 NW1/4	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.	100.000000 0.3559630
022 R.R. BELL (NCT-C)	T-21-S, R-36-E, NMPM SEC. 15: NW1/4	160.00	B-230-1 HBP 02/28/28	STATE OF NEW MEXICO 12.500000	CHEVRON U.S.A. INC.		CHEVRON U.S.A. INC.	100.000000 2.6833210
023 STATE "D"	T-21-S, R-36-E, NMPM SEC. 16: W1/2 SE1/4	80.00	B-1889-3 HBP 06/08/28	STATE OF NEW MEXICO 12.500000	GETTY OIL COMPANY		TEXACO PRODUCING, INC.	100.000000 0.9185590
024 STATE "G"	T-21-S, R-36-E, NMPM SEC. 21: SE1/4 NE1/4	40.00	B-1651-4 HBP 09/18/28	STATE OF NEW MEXICO 12.500000	GETTY OIL COMPANY		TEXACO PRODUCING, INC.	100.000000 0.2774240
025 STATE "D" BATTERY 2	T-21-S, R-36-E, NMPM SEC. 11: SW1/4	160.00	B-1537 HBP 09/25/28	STATE OF NEW MEXICO 12.500000	CONOCO INC.		CONOCO INC.	100.000000 0.4743530
026 STATE "D"	T-21-S, R-36-E, NMPM SEC. 15: E1/2	320.00	B-1537 HBP 09/25/28	STATE OF NEW MEXICO 12.500000	CONOCO INC.		CONOCO INC.	100.000000 1.9578900
027 STATE "E"	T-21-S, R-36-E, NMPM SEC. 5: W1/2 SW1/4	80.00	B-1940-2 HBP	STATE OF NEW MEXICO	ATLANTIC RICHFIELD COMPANY	ATLANTIC RICHFIELD	ATLANTIC RICHFIELD COMPANY	100.000000 2.6806090

EUNICE MONUMENT SOUTH UNIT (EWSU) APPLICATION

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027			10/01/28	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	0.9344980
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.	3.5597650

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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.	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.	0.3610250
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.	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.	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	CITIES SERVICE O&G CORPORATION		CARPENTER OIL & GAS COMPANY FIVE STATES 1988-A, LTD. PAULEY, S.F.	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	CITIES SERVICE O&G CORPORATION	STUMP, RICHARD & CATHERINE	0.848750 CHEVRON U.S.A. INC. PFLUGER, A. LEE, CHILDRENS TRUST PFLUGER, WILLIAM CARL	0.0765490
041 STATE "C"	T-21-S, R-36-E, NMPM	160.00	B-1481-15	STATE OF	CITIES SERVICE O&G		CARPENTER OIL & GAS COMPANY	0.7510930

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

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	0.0649670 50.000000 25.000000 25.000000
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.	1.2693240 50.000000 50.000000
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 100.000000
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 100.000000
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 100.000000
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 100.000000
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, SUE C. TRUST CATRON, THOMAS B. III, & JOHN S CATRON CHEVRON U.S.A. INC.	0.2903690 6.250000 6.250000 87.500000

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
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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
049 STATE "B"	T-21-S, R-36-E, NMPM SEC. 8: W1/2 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 "O"	T-20-S, R-37-E, NMPM SEC. 32: W1/2 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 STATE	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	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	GETTY OIL COMPANY		TEXACO PRODUCING, INC.	0.1863220

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

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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
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.	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.	0.0318850
059	STATE "N"							
	T-20-S, R-36-E, NMPM SEC. 36: W1/2 SE1/4	80.00	B-1674-1 HBP 12/31/28	STATE OF NEW MEXICO 12.500000	ATLANTIC RICHFIELD COMPANY		ATLANTIC RICHFIELD COMPANY	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.	0.5596360
061	STATE "J"							
	T-21-S, R-36-E, NMPM SEC. 22: W1/2 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, JICANNE 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	0.1581160

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
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EUNICE MONUMENT SOUTH UNIT AREA - A
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
062	SEC. 6: SE1/4 SW1/4		HBP 01/11/29	NEW MEXICO 12.500000	COMPANY			
063 TURNER STATE	T-20-S, R-37-E, N1/4, NW1/4, W1/2 NE1/4	160.00	B-1463-3 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 RICHFIELD COMPANY BRUIN 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 Koch Exploration Company Koch Exploration Company PAULEY, S.F. SHELL WESTERN E&P INC. TURNER, FRED JR. TRUST WISER OIL COMPANY	0.154307 0.984044 2.335492 0.062658 0.101507 4.464585 1.105212 0.000782 0.589887 57.142800 0.028104 0.037307 0.038700 0.005796 0.793480 32.142900 0.012439 (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 RICHFIELD COMPANY BRUIN ENERGY LTD CARPENTER OIL & GAS COMPANY CHEVRON U.S.A. INC. CONOCO INC. ENERGY PRODUCTION CORPORATION EXXON COMPANY, U.S.A.	0.360050 2.296100 5.449475 0.146200 0.236850 10.417350 2.578825 0.001825 1.376400 (0.0290580) *

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
064 STATE "K"	T-21-S, R-36-E, N1/4 SEC. 6: NE1/4 SW1/4	40.00	B-2352-2 HBP 01/11/29	STATE OF NEW MEXICO 12.500000	ATLANTIC RICHFIELD COMPANY		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	0.065575 0.087050 0.090300 0.013525 1.851450 75.000000 0.029025
065 STATE "AY"	T-20-S, R-37-E, N1/4 SEC. 32: E1/2 NE1/4	80.00	B-2366-8 HBP 01/11/29	STATE OF NEW MEXICO 12.500000	GETTY OIL COMPANY		ATLANTIC RICHFIELD COMPANY TEXACO PRODUCING, INC.	100.000000 100.000000
066 STATE "P"	T-20-S, R-36-E, N1/4 SEC. 25: E1/2 NW1/4	80.00	B-1671-1 HBP 01/14/29	STATE OF NEW MEXICO 12.500000	ATLANTIC RICHFIELD COMPANY		ATLANTIC RICHFIELD COMPANY	100.000000
067 STATE "H" (NCT-1)	T-20-S, R-37-E, N1/4 SEC. 31: SE1/4	160.00	B-160-1 HBP 01/15/29	STATE OF NEW MEXICO 12.500000	TEXACO INC.		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.	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

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	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
067									
068 STATE "196"	T-20-S, R-37-E, NMPM SEC. 32: NW/2 SW1/4	80.00	B-2406-1 HBP 01/15/29	STATE OF NEW MEXICO 12.500000	ATLANTIC RICHFIELD COMPANY			ATLANTIC RICHFIELD COMPANY	100.000000 0.2202460
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 HEPNORTH, BARBARA D., AGENCY KOCH EXPLORATION COMPANY RALSTIN, BETTY PERDEM, ESTATE	1.250000 1.250000 95.000000 2.500000 0.3437780
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 0.2875220
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 0.8259870
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 0.0732990
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 0.0812410
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 0.0290170

EUNICE MONUMENT SOUTH UNIT (ENSU) APPLICATION

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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
074	WM1/4 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. KOCHEXPLORATION 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	AMERADA 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

EUNICE MONUMENT SOUTH UNIT (EMSU) APPLICATION

EXHIBIT 'B'
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LEA COUNTY, NEW MEXICO

JULY 12, 1990

STATE LANDS

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

EUNICE MONUMENT SOUTH UNIT (EWSU) APPLICATION

EXHIBIT 'B'
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IN ACCORDANCE WITH THE PARTICIPATION FORMULA FOR THE UNITIZED FORMATION FOR THE
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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
* * * TOTAL ACRES IN THIS AREA IS 14,189.84 * * *							
079 WHITE (NCT-A)	T-20-S, R-36-E, NWPM 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 ORYX 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) *

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	

*TOTAL 0798					12.500000			

080 AKENS	T-21-S, R-36-E, NWPM SEC. 3: SE1/4, N1/2 SW1/4, SE1/4 SW1/4	280.00	HBP				0.4988530 *	

080A AKENS	SEC. 3: SE1/4	(160.00)	HBP	AKENS, HAFFORD AKENS, ROWLAND ANTRY, JO LAYNE ARCHER, LISTON ATLANTIC RICHFIELD COMPANY BOWER, DAVID A., IND. & AS AGENT BOWER, J.R. JR., TRUST CONE, S.E., JR. DEEN, JANIE 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 LOW 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 RANSOM, 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 0.356500 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	(0.2265520) *

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
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 LETGH		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 ANTRY, JO LAYNE ARCHER, LESTON ATLANTIC RICHFIELD COMPANY BOWER, DAVID A., IND. & AS AGENT BOWER, J.R. JR., TRUST CONE, S.E. JR. CORBETT, ALLIS V. FIVE STATES LIMITED 1987 FROTHINGHAM, JOHN L. GIBSON, EUNICE CONE GREENWOOD, RHEA S. GRIMES, C. W., TRUST HART, JACK L.	0.133900 0.156200 0.416700 2.083400 0.046200 0.135800 0.253900 0.056800 0.334800 0.334800 0.117200 0.167500 0.302800 0.003300	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	(0.2723010) *
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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
0808				HURLEY, MARY FRANCES (FRANA)	0.069440		
				JONES, EVERETT R. JR.	0.015400		
				KASTMAN, MARJORIE CONE	0.253900		
				KECK, KATHERINE CONE	0.253900		
				LON MORRIS COLLEGE	0.036625		
				MAHONEY, ROSEMARY	0.025100		
				METHODIST HOME, AGENCY	0.036625		
				MOBIL PRODUCING TEXAS & NEW MEXICO INC.	1.562500		
				MOBIL PRODUCING TEXAS & NEW MEXICO INC.	3.125000		
				MULDAVIN, ALBERT	0.133900		
				NISLAR, JAMES ROBERT, TRUST	0.048830		
				NISLAR, ORA LEE	0.048830		
				NISLAR, ORA LEE	0.097650		
				PENN BROTHERS, INC.	0.356500		
				PENSON, MARY ELIZABETH	1.069700		
				PETRUST 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	0.000700		
				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		
				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, MORA	0.000500		
				WILLIAMS, J.H.	0.195300		

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		

				12.500000					

081 AKENS	T-21-S, R-36-E, NWPM SEC. 3; SW1/4 SW1/4	40.00	HBP	AARCO OIL & GAS COMPANY ANTRY, JO LAYNE ARCHER, FANCHER ATLANTIC RICHFIELD COMPANY ATLANTIC RICHFIELD COMPANY BOWER, DAVID A., IND. & AS AGENT BOWER, 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. KASTMAN, MARJORIE CONE KECK, KATHERINE CONE LOW MORRIS COLLEGE METHODIST HOME, AGENCY MOBIL PRODUCING TEXAS & NEW MEXICO INC. MULDAVIN, 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		
				RAMSON, CHARLES DANIEL	0.034723		
				RAMSON, WILLIAM COLEMAN	0.034723		
				ROYALL, FANNIE MAY ESTATE	0.002610		
				ROYALL, JOHN R TRUST U/W F.K. ROYALL	0.000260		
				ROYALL, JOHN R TRUST U/W F.K. ROYALL	0.000522		
				ROYALL, JOHN R, TRUST U/W N R ROYALL JR	0.000349		
				ROYALL, N R, III TRUST, J R ROYALL TR,	0.000348		
				ROYALL, REBECCA	0.000116		
				ROYALL, REBECCA TRUST U/W F.K. ROYALL	0.000087		
				ROYALL, REBECCA TRUST U/W F.K. ROYALL	0.000175		
				ROYALL, TUCKER B TRUST U/W F.K. ROYALL	0.000087		
				ROYALL, TUCKER B TRUST U/W 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/W F.K. ROYALL	0.000086		
				SIDFORD, FRANCIS R. TR U/W 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		
				TEXARD 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		
				WOOLDRIDGE, MACK H.	0.175780		
					12.500000		
*TOTAL 081							
082 H.L. HOUSTON	T-21-S, R-36-E, NWPM SEC. 7: LOTS 1,2	70.27	HBP	AMOCO PRODUCTION COMPANY, U.S.A. ARCHIBSCHOPRIC OF NEW YORK	1.171880 2.296900	ATLANTIC RICHFIELD COMPANY TEXACO PRODUCING, INC.	50.000000 50.000000 0.5001130

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
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 J., 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 SOCLOLW	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, NMPM SEC. 7; E1/2 NW1/4	80.00	HBP	AMOCO PRODUCTION COMPANY, U.S.A. ARCHIBSCHOPRIC OF NEW YORK ATLANTIC RICHFIELD COMPANY	ATLANTIC RICHFIELD COMPANY	100.000000	0.1927570
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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
083	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 I., 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 SOCOLOW				0.065100		
	TEXARO OIL COMPANY				0.016280		
	TRITON OIL & GAS CORPORATION				0.390620		
	WATSON, WILLIAM B., AGENT & AIF				0.437495		
	WATSON, WILLIAM B., AGENT & AIF				0.000005		

					12.500000		

*TOTAL 083

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
	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				0.032600		
	INJECTION ENGINEERING SVC				0.055800		
	KELLOUGH, ROBERT BOOTH				0.065100		
	KING, BUFORD I., TRUSTEE				0.258100		
	PEVEHOUSE, MYRTLY				0.111600		
	PICKENS, RUTH G., GRANDCHILDRENS JV				0.279000		
	RANSOM, MARY VERN				0.390600		
	READ, EDITH FABYAN				0.223225		
	SARTIN, BILLIE LOIS				0.223225		
	SEAL, WILLIAM G. & MARCELLYN J SEAL				0.000720		
	SIMPSON, JEAN ANDERSON				0.000720		
	SOCOLOM, EDITH G & A. WALTER SOCLOM				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				TEXARD 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, N4PM SEC. 7; SE1/4	160.00	HBP	ARCHER, FANCHER ASHLAND EXPLORATION INC. ATLANTIC RICHFIELD COMPANY ATLANTIC RICHFIELD COMPANY BOME, CATHERINE 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 COMBEL 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 0.223200 0.223225 0.032500 0.032600	CHEVRON U.S.A. INC.	100.000000 0.6496850

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
086				INJECTION ENGINEERING SVC KELLOUGH, ROBERT BOOTH KING, BUFORD L., TRUSTEE PEVEHOUSE, MYRTLY PICKENS, RUTH G., GRANDCHILDRENS JV RAMSON, MARY VERN READ, EDITH FABYAN SARTIN, BILLIE LOIS SEAL, WILLIAM G & MARCELLYN J SEAL SIMPSON, JEAN ANDERSON SOCOLOM, EDITH G & A. WALTER SOCLOM TEKELL, LOIS CONE TEXARG OIL COMPANY VENABLE, R.H., ESTATE WARNER, RACHEL LOUISE WILSON CHILDREN TRUST WISER OIL COMPANY WOOLDRIDGE, MACK H.	0.055800 0.065100 0.258100 0.111600 0.279000 0.390600 0.390600 0.223225 0.000720 0.000720 0.065100 0.111600 0.086000 0.195300 0.117200 0.021700 0.390600 0.027900		
				12.500000			

*TOTAL 086

087	E.C. ADKINS	T-21-S, R-36-E, NMPW SEC. 9: E1/2	320.00	HBP	ARCHER, FANCHER ARCHIBSCHOPRIC OF NEW YORK ATLANTIC RICHFIELD COMPANY ATLANTIC RICHFIELD COMPANY BOWER, DAVID A., IND. & AS AGENT BOWER, J.R. JR., TRUST CARBONE, JOAN A. COLONIAL ROYALTIES COMPANY CRAIG LTD CRAIG LTD CRAIG LTD DAMSON, IRIS GERBER DELOORE, MARCIA LYNN EXXON COMPANY, U.S.A. FIVE STATES LIMITED 1987	0.195310 3.937500 0.292968 2.050782 0.043370 0.127250 0.007323 0.045582 0.039060 0.039060 0.058590 0.019530 0.039060 0.026043 1.562500 0.071617	ATLANTIC RICHFIELD COMPANY	100.000000	3.4570040
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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
	GREENHAUGH, 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		
	LAWSON 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		
	TAIT, DONALD				0.009765		
	TAIT, JAMES T.				0.009765		
	WATSON, WILLIAM B., AGENT & AIF				0.750000		
					12.500000		

*TOTAL 087

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, NWPM SEC. 10: W1/2 NW1/4, SE1/4 NW1/4, SW1/4	280.00	HBP	ARCHBISCHOPRIC OF NEW YORK 2.343800 ATLANTIC RICHFIELD COMPANY 0.005758 CHAPARRAL ROYALTIES LIMITED PARTNERSHIP 0.012793 COLONIAL ROYALTIES LIMITED PARTNERSHIP 1.562500 EXXON COMPANY, U.S.A. 0.027766 HOME STAKE OIL & GAS CO. 0.027767 HOMESTAKE ROYALTY CORP. 0.250000 INTEGRITY OIL & GAS INC. 0.195300 LAW, MARILYN M., REVOC TRUST 0.781300 LYETH OIL TRUST 0.195300 MOREY, JIMMY D., REVOC TRUST 0.069400 PATTERSON, ELYSE SAUNDERS, TRUST B 0.009216 PENTAGON OIL COMPANY 0.416700 PETRUST CORP OF AMERICA 0.390600 ROONEY, ONEZ NORMAN TEST/TR 0.083300 SCHACHNER, FRIEDA 0.520800 SPEIGHT, JUNE D. 0.069500 SSG LIMITED PARTNERSHIP 0.069400 TOLES COMPANY 0.875000 WATSON, WILLIAM B., AGENT & AIF	EXXON COMPANY, U.S.A.	100.000000	0.9313310
*TOTAL 088				12.500000			
089 A.J. ADKINS	T-21-S, R-36-E, NWPM SEC. 10: NE1/4 NW1/4	40.00	HBP	ARCHBISCHOPRIC OF NEW YORK 2.296880 ATLANTIC RICHFIELD COMPANY 1.171880 CHAPARRAL ROYALTY COMPANY 0.002880 COLONIAL ROYALTIES LIMITED PARTNERSHIP 0.006400 EXXON COMPANY, U.S.A. 5.468740 EXXON COMPANY, U.S.A. 0.781260 EXXON COMPANY, U.S.A. 0.013900 HOME STAKE OIL & GAS CO. 0.013900 HOMESTAKE ROYALTY CORP. 0.125000 INTEGRITY OIL & GAS INC. 0.195314 LAW, MARILYN M., REVOC TRUST 0.781260 LYETH, PATRICIA D. 0.390630 MOREY, JAMES M., TEST TRUST	CHEVRON U.S.A. INC. EXXON COMPANY, U.S.A.	50.000000 50.000000	0.4233130

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
089				MOREY, JIMMY D., REVOC TRUST PATTERSON, ELLYSE S., ESTATE PENTAGON OIL COMPANY PETRUST CORP OF AMERICA SCHACHNER, FRIEDA SPEIGHT, JUNE D. SSG LIMITED PARTNERSHIP THE TOLES COMPANY WATSON, WILLIAM B., AGENT & AIF	0.195316 0.034720 0.004600 0.208320 0.041660 0.260400 0.034720 0.034720 0.437500		
*TOTAL 089					12.500000		
090 J.D. KNOX	T-21-S, R-36-E, NMPM SEC. 10: E1/2	320.00	HBP	AARCO OIL & GAS COMPANY AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY BOONE, DAN E. BOONE, DOROTHY WALKER BOONE, J.E.B. ESTATE CARR, PHILLIP E. CLIFT, HUBERT E., TSTMTRY TRUST CLIFT, JEANNETTE C. ESTATE CONE, A. L., ESTATE COORE, ANNIE LEE CONE, ET AL GEORGE, JEANETTE E CLIFT MADELEY, FRANCES S., ESTATE MADELEY, HUBERT WAYNE MOBIL PRODUCING TEXAS & NEW MEXICO INC. PETRUST CORP OF AMERICA PHILLIPS, L D PHILLIPS, VIRGINIA W PROTESTANT EPISCOPAL CHURCH FOUNDATION SABINE ROYALTY TRUST SPEIGHT, JUNE D. SPEIGHT, JUNE D. W.E.F. HOLDING, INC.	0.585900 0.390700 6.250000 0.019945 0.035227 0.148676 0.018648 0.065100 0.195300 0.097650 0.097650 0.130200 0.139093 0.001037 1.562600 0.312500 0.006216 0.006216 0.015542 0.390600 0.976500 0.976600 0.078100	EXXON COMPANY, U.S.A.	100.000000 1.6048760

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					12.500000			

091 MCQUATTERS	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 MITCHELL, JOHN JEFFERSON PENN BROTHERS, INC. PENSON, NANCY ELIZABETH SEDLWAYR, THEODORE, ESTATE SHELL WESTERN E&P INC. SMITH, WELTON STIEREN, JACK, ESTATE TORTUGA OIL AND GAS VON GOTARD, CONSTANCE	AMOCO PRODUCTION COMPANY, U.S. 12.50000 0.260420 0.781250 0.781250 1.171880 3.125000 0.260420 0.083980 0.009770 0.007160 0.009770 0.843750 0.843750 0.039060 0.100580 0.763910 2.292240 0.781250 0.001120 0.022460 0.032530 0.028040 0.260410	AMERADA HESS CORPORATION AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY BRUJIN ENERGY LTD CARPENTER OIL & GAS COMPANY CHEVRON U.S.A. INC. 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. 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					12.500000			

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 (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
092				GILBERT, JOE HART, JACK L. HART, JACK L. HICKEL, RODNEY MANUFACTURES HANOVER 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		
*TOTAL 092					12.500000		

0.0558570 *

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

80.00 HBP

093A MARSHALL	SEC. 11: NE1/4 SE1/4	(40.00)	HBP	AGINS, FREDERICKA ANDREWS, SELMA E. TRUST ANTWEIL, 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.	0.260417 1.678280 0.781250 0.781250 0.156250 1.446730 0.156250 0.781250 0.260417 0.195310 0.195310 0.781250	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	(0.0558570) *
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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 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				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 SEDMAYR, THEODORE, ESTATE SHATTUCK-ST. MARY'S SCHOOLS SMITH, CHARLES TYSON II SPEIGHT, 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		
*TOTAL 093A					12.500000		

093B MARSHALL	SEC. 12: NW1/4 SW1/4	(40.00)	HBP	AGINS, FREDERICKA ANDREWS, SELMA E., TRUST ANTWELL, ALAN JOEL BERRYMAN, E. DOYLE BOYS CLUB OF AMERICA BRATTLE 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	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	0.0000000 *
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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
0938				RUTLAND, WILMA SEDLIMAYR, THEODORE, ESTATE SHATTUCK-ST. MARY'S SCHOOLS SHULTS, JACK SHULTS, VAW SHULTS, WANDA SMITH, CHARLES TYSON II VON GOTARD, CONSTANCE	0.195320 0.781250 0.156250 0.195310 0.195310 0.195310 0.781250 0.260417		
*TOTAL 0938					12.500000		

0.1536870 *

80.00

HBP

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

094 MARSHALL

094A MARSHALL	SEC. 11: SE1/4 SE1/4	(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 HANOVER 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 SEDLIMAYR, JOHN E.	1.678280 0.781250 0.156250 1.446730 0.156250 0.781250 0.781250 0.195310 0.195310 0.781250 0.260410 0.260420 0.260420 0.781250 0.195310 0.195310 0.156250 0.156250 0.781250	AMERADA HESS CORPORATION AMOCO PRODUCTION COMPANY, U.S.A. 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. KOCCH EXPLORATION COMPANY PAULEY, S.F. SHELL WESTERN ERP 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	(0.0623580) *
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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
094A				SHATTUCK-ST. MARY'S SCHOOLS SMITH, CHARLES TYSON 11 SPEIGHT, 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. BOYLE BOYS CLUB OF AMERICA BRAILLE INSTITUTE OF AMERICA INC ELKS NATIONAL FOUNDATION FINCH, JULIETTE R. FIVE STATES LIMITED 1987 HOMESTAKE OIL & GAS CO. HOMESTAKE ROYALTY CORP. KENT, MARQUERITE M. LEONARD, PATRICK J. LEONARD, ROBERT J. LEONARD, TIMOTHY T. MANUFACTURES HANOVER 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 SEDLMAYR, JOHN E. SHATTUCK-ST. MARY'S SCHOOLS SHULTS, JACK SHULTS, VAN SHULTS, MANDA SMITH, CHARLES TYSON 11	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 0.781250 0.195310 0.195310 0.156250 0.156250 0.195310 0.781250 0.156250 0.195310 0.195310 0.195310 0.781250 ----- 12.500000	AMERADA HESS CORPORATION AMOCO PRODUCTION COMPANY, U.S.A. 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. KOC 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"	1-21-S, R-36-E, N1/4 NW1/4 SEC. 17: NW1/4 NW1/4	40.00	HBP	ARCHER, FANCHER ARCHIBSCHOPIC OF NEW YORK ATLANTIC RICHFIELD COMPANY BRADLEY NOMINEE CORPORATION CARTER, ANDERSON CARTER, POMAYAN 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 HOME STAKE 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. RANSOM, CHARLES DANIEL RANSOM, WILLIAM COLEMAN SEAL, WILLIAM G. & MARCELLYN J. SEAL STIMPSON, JEAN ANDERSON, LIVING TRUST SOCOLOM, EDITH G. AND A. WALTER SOCOLOM SUMMERS, LOUISE TEXACO PRODUCING, INC. TEXARD OIL COMPANY VENABLE, R.H., ESTATE WENTZ HERITAGE WENTZ LEGACY WILLIS, PHILIP J. AND JACK WILLIS WILSON CHILDREN TRUST	2.148440 1.312500 0.227860 0.097660 0.097660 0.097660 0.052080 0.000720 0.195310 0.078130 0.078130 0.117190 0.234370 0.117190 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 0.781250 0.039060 0.021700	100.000000	0.3755530
						TEXACO PRODUCING, INC.	

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	
095				WOOLDRIDGE, MACK H.	0.009770			
*TOTAL 095					12.500000			
096 COLEMAN	I-21-S, R-36-E, NMPM SEC. 17: NE1/4 NW1/4	40.00	HBP	ARCHER, FANCHER ARCHIBSCHOPPIC 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	ATLANTIC RICHFIELD COMPANY	100.000000	0.3636100

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
096	T-21-S, R-36-E, NMPM SEC. 17; NE1/4	160.00	HBP	NEAL, J. W.	0.048825	TEXACO PRODUCING, INC.	1.4153600
				NEAL, PATRICIA H	0.048825		
				SEAL, WILLIAM G	0.000722		
				SIMPSON, JEAN ANDERSON	0.000723		
				SOLOLOW, EDITH G & A. WALTER SOLOLOW	0.078100		
				SUMMERS, LOUISE	0.097650		
				TEXARO OIL COMPANY	0.078100		
				VENABLE, R.H., ESTATE	0.195300		
				WENTZ HERITAGE	0.781250		
				WENTZ LEGACY	0.781250		
				WILLIS, JACK	0.019550		
				WILLIS, PHILIP J	0.019550		
				WILSON CHILDREN TRUST	0.021691		
				WILSON, THOMAS B.	1.718700		
				WOOLDRIDGE, MACK H.	0.009750		
				-----	-----		
					12.500000		

097	T-21-S, R-36-E, NMPM SEC. 17; NE1/4	160.00	HBP	ADOBE ROYALTY, INC.	0.130210	TEXACO PRODUCING, INC.	1.4153600
				AMOCO PRODUCTION COMPANY, U.S.A.	0.520830		
				ARCHER, FANCHER	0.950560		
				ATLANTIC RICHFIELD COMPANY	0.384100		
				BLACKFORD, JANE CASE	0.049810		
				BOWER, DAVID A., IND. & AS AGENT	0.173440		
				BOWER, J.R. JR., TRUST	0.508980		
				BRADELEY ROMINEE CORPORATION	0.097650		
				COLLINS, J.L., ED FUND MCNB AGENCY #222	0.073240		
				CRAIG LTD	0.052080		
				EDWARDS, EMELY ANN	0.000720		
				FARMERS UNION CO-OPERATIVE ROYALTY CO.	0.292970		
				FIRST CITY NATIONAL BANK, TRUSTEE	0.195310		
				FIVE STATES LIMITED 1987	0.292970		
				H. R. STASNEY AND SONS COMPANY	0.009760		
				HOME STAKE OIL & GAS CO.	0.020620		
				HOMESTAKE ROYALTY CORP.	0.020620		
				HURLEY, MARY FRANCES (FRANA)	0.442710		

					12.500000		

*TOTAL 096

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
097	INJECTION ENGINEERING SVC						
	JONES, EVERETT R. JR.				0.019530		
	KELLOUGH, ROBERT BOOTH				0.057810		
	LYETH, J.M. RICHARDSON JR. & MUNRO LYETH				0.065110		
	MCILLIAN, A.M., ESTATE 89				0.195320		
	MOBIL PRODUCING TEXAS & NEW MEXICO INC.				0.234380		
	PANHANDLE ROYALTY COMPANY				3.125000		
	RANSOM, CHARLES DANIEL				0.585940		
	RANSOM, WILLIAM COLEMAN				0.442700		
	ROMAN CATHOLIC DIOCESE OF DALLAS,				0.442700		
	ROMAN CATHOLIC DIOCESE OF DALLAS				0.073240		
	ROONEY, ONEZ NORMAN				0.073240		
	ROYALL, FRANCES K				0.195310		
	ROYALL, JOHN R TRUST U/W/ F.M. ROYALL				0.003910		
	ROYALL, N R III TRUST U/W F.M. ROYALL				0.006510		
	ROYALL, TUCKER K. TRUST U/W F.M. ROYALL				0.006510		
	ROYALL,N R III, EX OF N R ROYALL JR EST				0.006510		
	SEAL, WILLIAM G & MARCELLYN J SEAL				0.015630		
	SIMPSON, JEAN ANDERSON, LIVING TRUST				0.000720		
	SMITH OIL COMPANY				0.000720		
	SMITH, W. BLAKE JR.				0.292960		
	SPINDLETOP EXPLORATION CO., INC.				0.292970		
	TEXAS SCOTTISH RITE HOSPITAL FOR				0.001950		
	VENABLE, R.H., ESTATE				0.073250		
	WENTZ HERITAGE				0.195310		
	WENTZ LEGACY				0.781250		
	WHEELLOCK, MAUDE C., ESTATE				0.781250		
	WHEELLOCK, MAUDE C., ESTATE				0.073240		
	WHEELLOCK, SUSAN JANE, TRUST				0.073240		
	WILLIS, PHILIP J. AND JACK WILLIS				0.096680		
	WILSON CHILDREN TRUST				0.039060		
	WOOLDRIDGE, MACK H.				0.021700		
					0.009770		

					12.500000		
*TOTAL 097							
098 COLEMAN	7-21-S, R-36-F, NMPM	80.00		ADBE ROYALTY, INC.	0.130210	SHELL WESTERN E&P INC.	0.5722680

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
098	SEC. 17: W1/2 SE1/4		HBP	AMOCO PRODUCTION COMPANY, U.S.A. ARCHER, FANCHER ARCHIBSOPRIC OF NEW YORK ATLANTIC RICHFIELD COMPANY BOWER, DAVID A., IND. & AS AGENT BOWER, J.R. JR., TRUST BRADLEY NOMINEE CORPORATION CRAIG LTD DEVENPORT, JUDITH H., TRUSTEE EDWARDS, EMELY ANN FINNERAN, BETTY ANN FIRST CITY NATIONAL BANK, TRUSTEE GUTMAN, ALFRED E. GUTMAN, CHARLES GUTMAN, MAX, TRUST GUTTAG, BETTY H. R. STASNEY AND SONS COMPANY HOMESTAKE ROYALTY CORP. HOMESTAKE ROYALTY CORP. HURLEY, MARY FRANCES (FRAMA) INJECTION ENGINEERING SVC JONES, EVERETT R. JR. KELLOUGH, ROBERT BOOTH LASCA, INC. LAW, MARILYN M., REVOC TRUST LYETH, PATRICIA D. MOBIL PRODUCING TEXAS & NEW MEXICO INC. MOREY, JIMMY D., REVOC TRUST RANSOM, CHARLES DANIEL RANSOM, WILLIAM COLEMAN ROONEY, ONEZ NORMAN TEST/TR ROYALL, FRANCES K ROYALL, JOHN R TRUST U/W/ F.M. ROYALL ROYALL, JOHN R, TRUST U/W N R ROYALL JR ROYALL, N R III TRUST U/W F M ROYALL ROYALL, N R III TRUST U/W N R ROYALL JR ROYALL, REBECCA	0.520830 1.731780 1.312500 0.227860 0.173430 0.508980 0.097660 0.048660 0.002370 0.000730 0.390630 0.195310 0.234370 0.117190 0.234370 0.117190 0.009770 0.020620 0.020620 0.572920 0.019530 0.057820 0.065100 0.250000 0.097650 0.390630 1.562500 0.097660 0.572920 0.572910 0.195310 0.011710 0.006510 0.002610 0.006510 0.002610 0.003040		

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
098				ROYALL, TUCKER B. SEAL, WILLIAM G. & MARCELLYN J. SEAL SIDFORD, FRANCES R. SIMPSON, JEAN ANDERSON, LIVING TRUST SPINDLETOP EXPLORATION CO., INC. TEXARD 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. ----- 12.500000	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		
*TOTAL 098							
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 BLEWETT, BARBARA TRUST BOWEN, RACHEL BEDFORD CARTER, ANDERSON CARTER, POWHATAN JR. CRAIG LTD CRUMP, JESSIE BLEVINS, FAMILY TRUSTS CRUMP, JOE & JESSIE FUND CRUZ, JUDITH, TRUST DYMESICH, RENATE JONES ETZ OIL PROPERTIES, LIMITED ETZ, GEORGE H. SR., TRUST FARDON, RACHEL B. FIVE STATES LIMITED 1987 GLAISTER, IRENE FARDON GLASS, EVA PAYNE, TRUST GLASS, JULIAN W.	ATLANTIC RICHFIELD COMPANY CHEVRON U.S.A. INC. TEXACO PRODUCING, INC.	28.565948 57.140060 14.289992	0.6078380

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
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 DUKINFIELD				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, BOYD 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		
	RANSON, MARY VERN				0.097700		
	ROELKE, MARY ELIZABETH				0.130200		
	SNOW, BILL R.				0.065100		
	SNOW, PHILIP				0.065100		
	SPEIGHT, JUNE D.				0.390600		
	SSG LIMITED PARTNERSHIP				0.065100		
	THE TOLES COMPANY				0.065100		
	TORCH OIL & GAS COMPANY				0.421200		
	WILLIAMS, ELLEN ANNE W.				0.125000		
	WOOLDRIDGE, MACK H.				0.013750		
					12.500000		
*TOTAL 099							

100	FRONA LECK	T-21-S, R-36-E, NWPM	40.00	ARCHER, FANCHER	0.097600	ATLANTIC RICHFIELD COMPANY	28.569587	0.0930850
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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 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, ALANN P., TRUST BEDFORD, HELEN LEARMONT BEDFORD, HENRY DEGRAFFENREID, ESTATE BLEWETT, BARBARA TRUST BOWEN, RACHEL BEDFORD CARTER, ANDERSON CARTER, POMHATAN JR. CRAIG LTD CRUMP, JESSIE BLEVINS, FAMILY TRUSTS CRUMP, JOE & JESSIE FUND CRUZ, JUDITH, TRUST DYMESICH, RENATE JONES ETZ OIL PROPERTIES, LIMITED ETZ, GEORGE H. SR., TRUST FARDON, RACHEL B. FIVE STATES LIMITED 1987 GLAISTER, IRENE FARDON GLASS, EVA PAYNE, TRUST GLASS, JULIAN W. GLASS, JULIAN W. JR. H. R. STASNEY AND SONS COMPANY HESS, WANDA PRUETT INJECTION ENGINEERING SVC JOCHIMSEN, ALAN JONES, CHRISTOPHER DUKINFELD JONES, PETER FRANCIS LAW, MARTILYN M., REVOC TRUST LIGHT, ROBERT S. LYETH, PATRICIA D. MOBIL PRODUCING TEXAS & NEW MEXICO INC. MOREY, JAMES M. TEST TRUST MOREY, JIMMY D., REVOC TRUST PATTERSON, ELLYSE S., ESTATE PENFIELD, BOYED E. PHILLIPS, D. MICHAEL, CO-TRUSTEE PHILLIPS, JOHN W. PHILLIPS, PAUL M.	0.125000 0.125000 0.125000 0.002730 0.125000 0.097650 0.097650 0.062500 0.195300 0.195300 0.002730 0.010420 0.390600 0.390600 0.015620 0.156250 0.015620 0.013750 0.027500 0.013750 0.013750 0.156200 0.027500 0.781250 0.010420 0.010420 0.703125 0.781250 2.812500 0.968800 1.406250 0.703125 0.065100 0.156250 0.011000 0.011000 0.011000	CHEVRON U.S.A. INC. TEXACO PRODUCING, INC.	57.140248 14.290165

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
100				PHILLIPS, PIERRE D., TRUST # 1 PHILLIPS, WILMA M. RANDOLPH, JANE D. RANDOLPH, RAYMOND W. RANSOM, MARY VERN ROELKE, MARY ELIZABETH SNOW, BILL R. SNOW, PHILIP SPETIGHT, JUNE D. SSG LIMITED PARTNERSHIP THE TOLES COMPANY TORCH OIL & GAS COMPANY WILLIAMS, ELLEN ANNE W. WOOLDRIDGE, MACK H. ----- *TOTAL 100	0.01000 0.00540 0.065100 0.065100 0.097700 0.130200 0.065100 0.065100 0.390600 0.065100 0.065100 0.421200 0.125000 0.013750 ----- 12.500000		

101	MEQUATTERS	T-21-S, R-36-E, NMPM SEC. 11: N1/2 NE1/4	80.00	HBP	AGINS, FREDERICKA BERRYMAN, E. DOYLE BRADLEY NOMINEE CORPORATION EXXON COMPANY, U.S.A. FIVE STATES LIMITED 1987 FLEISCHMANN, WILLIAM H. JR GARLAND MINERALS CORPORATION GILBERT, JOE HART, JACK L. HENCKEL, RODNEY MARY IRIS GOLDSTON CORPORATION MAYFIELD CORPORATION MITCHELL MINERALS CORPORATION MITCHELL, JOHN JEFFERSON PENN BROTHERS, INC. PENSON, NANCY ELIZABETH PFOUTS, MAUDE EAGLE, ESTATE SEDLWAYR, JOHN E. SHELL WESTERN E&P INC.	0.260420 0.781250 1.171880 3.125000 0.781250 0.260420 0.083990 0.009770 0.006000 0.009770 0.843740 0.843750 0.039060 0.100580 0.763920 2.292250 0.001130 0.781250 0.001130	AMOCO PRODUCTION COMPANY, U.S.A.	100.000000	0.2285420
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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
101				SMITH, WELTON STIEREN, JACK, ESTATE TORTUGA OIL AND GAS VON GOTARD, CONSTANCE			
				0.022460 0.032530 0.028040 0.260410			
				----- 12.500000			
*TOTAL 101							

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

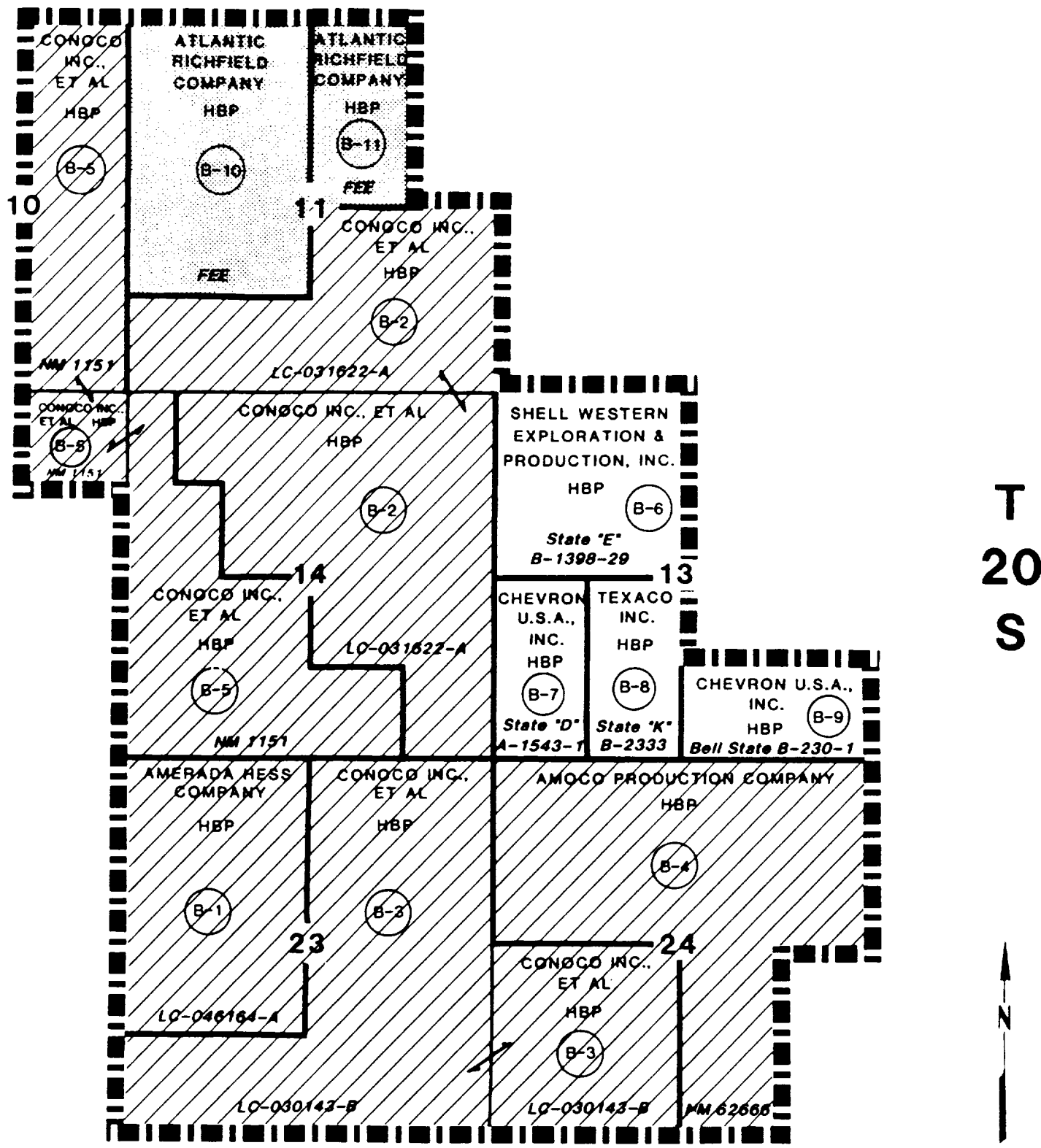


EXHIBIT "A"

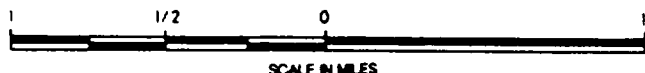
EUNICE MONUMENT
SOUTH UNIT
EXPANSION AREA "B"

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

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 (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 - 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
* * * TOTAL ACRES IN THIS AREA IS 3,000.00 * * *								
102 ANDREWS FEDERAL	T-20-S, R-36-E, NMPM 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
103 SANDERSON "A"	T-20-S, R-36-E, NMPM 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, GTRVIN 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. 2.812500	25.000000 33.5842940 25.000000 25.000000 25.000000
104 REED "B"	T-20-S, R-36-E, NMPM 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 14.0376231 25.000000 25.000000 25.000000
105 GILLULY "A"	T-20-S, R-36-E, NMPM 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 ORX 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
105						WARD, DANIEL ROBERT WARD, LINDA DOLLEY	0.500000 0.100000	
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 HBP 10/01/56 EXCHANGED 10/01/56	USA "C"	HELEN T. SANDERSON		AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY CHEVRON U.S.A. INC. CONOCO INC.	7.7032192 25.000000 25.000000 25.000000

* * * 5 FEDERAL LANDS TRACTS TOTALING 2,280.00 ACRES -OR- 76.00% OF AREA 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 EL PASO NATURAL GAS		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 AMOCO PRODUCTION COMPANY, U.S.A. ATLANTIC RICHFIELD COMPANY CHEVRON U.S.A. INC. CONOCO INC. SHELL WESTERN E&P INC.	1.727989 0.6429433 30.739571 29.590155 19.523183 13.920787 4.498315
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 (ENSU) 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	*** TOTAL ACRES IN THIS AREA IS 3,000.00 ***		OVERRIDING ROYALTY OWNER AND PERCENTAGE	WORKING INTEREST OWNER AND PERCENTAGE	PARTICIPATION OF TRACT IN UNIT
1111 W. P BYRD	T-20-S, R-36-E, NMPM SEC. 11: NW 1/4, N 1/2 SW 1/4	240.00	HBP	AMROY COMPANY ANDERSON, R. G., CONSOLIDATED TRUST ARMSTRONG, JAMES G. BAKER, WILLIAM B, ESTATE BICKFORD, ELSIE D & HAROLD E, IRREV. TR. BYRON, JEANNINE HOOPER CARTER, DANNIE A CORDER, EULA CORRIGAN III, HUGH CORRIGAN, J. PATRICK DELTEX ROYALTY COMPANY DOWNING, CHARLES DOWNING, LELAND DUWITGER, DOROTHY DUWITGER, DOROTHY DUWITGER, DOROTHY DUWITGER, DOROTHY ELLINGHAUSEN, MARY ELIZABETH ELLINGHAUSER, MARIE, ESTATE GEODYNE RESOURCES, INC. GREENFIELD FAMILY TRUST GRIGGS, EMMA M. ESTATE HANNERS, JEROME T. HARLOW ROYALTIES, INC. HOOPER, JERRY L. HOOPER, JIMMY JOE HURLEY, G. WILLIAM HYLAND, EDWIN F JENNINGS, JANE JOHN M. MOUSER COMPANY KEC ACQUISITION CORP. KENDALL, RUTH C. KNOWLES, JAMES W. KOPPEL, ROLLINS M.	0.061690 0.043400 0.173610 0.045570 0.097660 1.388887 0.001080 0.000030 0.260410 0.260420 0.520830 0.008682 0.008682 0.013020 0.004340 0.006515 0.002170 0.007520 0.071610 2.734370 0.048830 0.000010 0.039060 0.000430 1.388886 1.388887 0.043400 0.032550 0.008681 0.173610 0.173610 0.026045 0.347220 0.001090		ATLANTIC RICHFIELD COMPANY	100.000000	10.8068693

EUNICE MONUMENT SOUTH UNIT (ENSU) 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				MARFLEET, CHRISTINE			
	MEADER, MARION L.				0.078120		
	MELINDA INVESTMENT CORPORATION				0.000120		
	MUDO, SEELEY G., TRUST				0.082460		
	NCMB TEXAS NATIONAL BANK, AS SUCCESSOR				0.195310		
	PENN ROYALTY COMPANY				0.520840		
	POMONA COLLEGE, A CORPORATION				0.001830		
	PRICE, HOSEA V.				0.032550		
	ROSEN, MARVIN N., TRUSTEE				0.000010		
	RUSHING, IRMA J.				0.048820		
	SCHNEIDER, FRANCES				0.347230		
	SCHNEIDER, FRANCES				0.013020		
	SCHNEIDER, FRANCES				0.004340		
	SCHNEIDER, FRANCES				0.006515		
	SKAGGS, JACK, ESTATE				0.002170		
	SMITH, LUCILLE T., ESTATE				0.001090		
	STONE, STIERBERG ANN				0.045570		
	W A YEAGER GROUP.				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		
	WAV ENTERPRISES, INC.				0.520830		
	WOOLDRIDGE, MACK H.				0.694440		
	WOOLDRIDGE, MACK H.				0.347220		
TOTAL 111					12.500000		

112 M.J. BYRD	T-20-S, R-36-E, N4PM SEC. 11: W 1/2 NE 1/4	80.00	HBP	ARMROY COMPANY BAKER, WILLIAM B., ESTATE BARTON JR., ROY G. BICKFORD, ELSIE D. & HAROLD E, IRREV. TR. CLEBOSKI, JANICE LYNN CORDER, EULA		ATLANTIC RICHFIELD COMPANY	100.000000 4.7617539
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EUNICE MONUMENT SOUTH UNIT (EWSU) APPLICATION

EXHIBIT 'B'
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PATENTED LANDS

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	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		
	ELLINGHAUSEN, 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		
	MARFLEET, CHRISTINE				0.078120		
	MEADER, MARION L.				0.000730		
	MENDOZA, MICHAEL L. A.				0.078130		
	MUDD, SEELEY G., TRUST				0.195320		
	MURDOCH, M. G.				0.078130		
	MCMB 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		

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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			
*TOTAL	112				12.500000		

***TOTAL 112**

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