



OIL CONSERVATION DIVISION
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Southern

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Business

Unit

5/16/96
DHC-1239

April 22, 1996

Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P. O. Box 6429
Santa Fe, NM 87505

Application for Exception to Rule 303-C - Downhole Commingling
Mansfield A #1 Well
Unit L Section 25-T30N-R10W
Basin Dakota and Blanco Mesaverde Pools
San Juan County, New Mexico

Enclosed please find an administrative application form (C-107-A) and attachments for downhole commingling for the captioned well. By copy of this application by certified mail, return receipt requested, Amoco is notifying all offset operators in the formations captioned above as well as all affected interest owners if the ownership of those formations is not common. The Division Director may approve the proposed downhole commingling in the absence of a valid objection from any offset operator or any interest owner in those instances where ownership is not common in the zones to be commingled within 20 days after the receipt of the application if, in his opinion, waste will not result thereby, and correlative rights will not be violated.

Should there be questions concerning this matter, please contact me at (303) 830-5344.

Sincerely,

Pamela W. Staley

Enclosures

cc: Mike Kutas
Patty Haefele
Wellfile
Proration File

Frank Chavez, Supervisor
NMOCD District III
1000 Rio Brazos Road
Aztec, NM 87410

Duane Spencer
Bureau of Land Management
1235 La Plata Hwy.
Farmington, NM 87401

DISTRICT I
P.O. Box 1980, Hobbs NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-A
New 3-12-96

DISTRICT II
811 South First St., Artesia, NM 88210-2835

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

DISTRICT III
1000 Rio Brazos Rd. Aztec, NM 87410-1693

OIL CONSERVATION DIVISION

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE
☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Amoco Production Company

P.O. Box 800 Denver, CO 80201

Operator
Mansfield A

#1

L-25-T30N-R10W

San Juan

Lease Well No. Unit Ltr. - Sec Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 000778 Property Code 000818 API NO. 3004523295 Federal ☒ State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	BLANCO MESAVERDE 72319		BASIN DAKOTA 71599
2. Top and Bottom of Pay Section (Perforations)	4235' - 5192'		6992' - 7112'
3. Type of production (Oil or Gas)	GAS		GAS
4. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated or Measured Original	a. (Current) 553 PSI (EST) b. (Original) 1216 PSI	a. b.	a. 615 PSI b. 2622 PSI
6. Oil Gravity (" API) or Gas BTU Content	1190 BTU		1128 BTU
7. Producing or Shut-In?	NEW		PRODUCING
Production Marginal? (yes or no)	NO		YES
• If Shut-In, give data and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Date: Rates:	Date: Rates:	Date: Rates:
• If Producing, give date and oil/gas/water rates of recent test (within 60 days)	(EST) Date: 350 MCFD Rates: 1 BCPD 1 BWPD	Date: Rates:	2/95 Date: 128 MCFD Rates: 1 BCPD 1 BWPD
8. Fixed Percentage Allocation Formula -% for each zone	Oil: % Gas %	Oil: % Gas %	Oil: % Gas %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.
10. Are all working, overriding, and royalty interests identical in all commingled zones? ☐ Yes ☒ No
If not, have all working, overriding, and royalty interests been notified by certified mail? ☒ Yes ☐ No
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No
11. Will cross-flow occur? ☐ Yes ☒ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☐ Yes ☐ No (If No, attach explanation)
12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No
13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No SF-080776
15. NMOC Reference Cases for Rule 303(D) Exceptions: ORDER NO(S) _____
16. ATTACHMENTS:
- * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
 - * Production curve for each zone for at least one year. (If not available, attach explanation.)
 - * For zones with no production history, estimated production rates and supporting data.
 - * Data to support allocation method or formula.
 - * Notification list of all offset operators.
 - * Notification list of working, overriding, and royalty interests for uncommon interest cases.
 - * Any additional statements, data, or documents required to support commingling.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Pamela W. Staley TITLE REGULATORY AFFAIRS REP DATE 4/22/96
TYPE OR PRINT NAME PAMELA W. STALEY TELEPHONE NO. (303) 830-5344

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

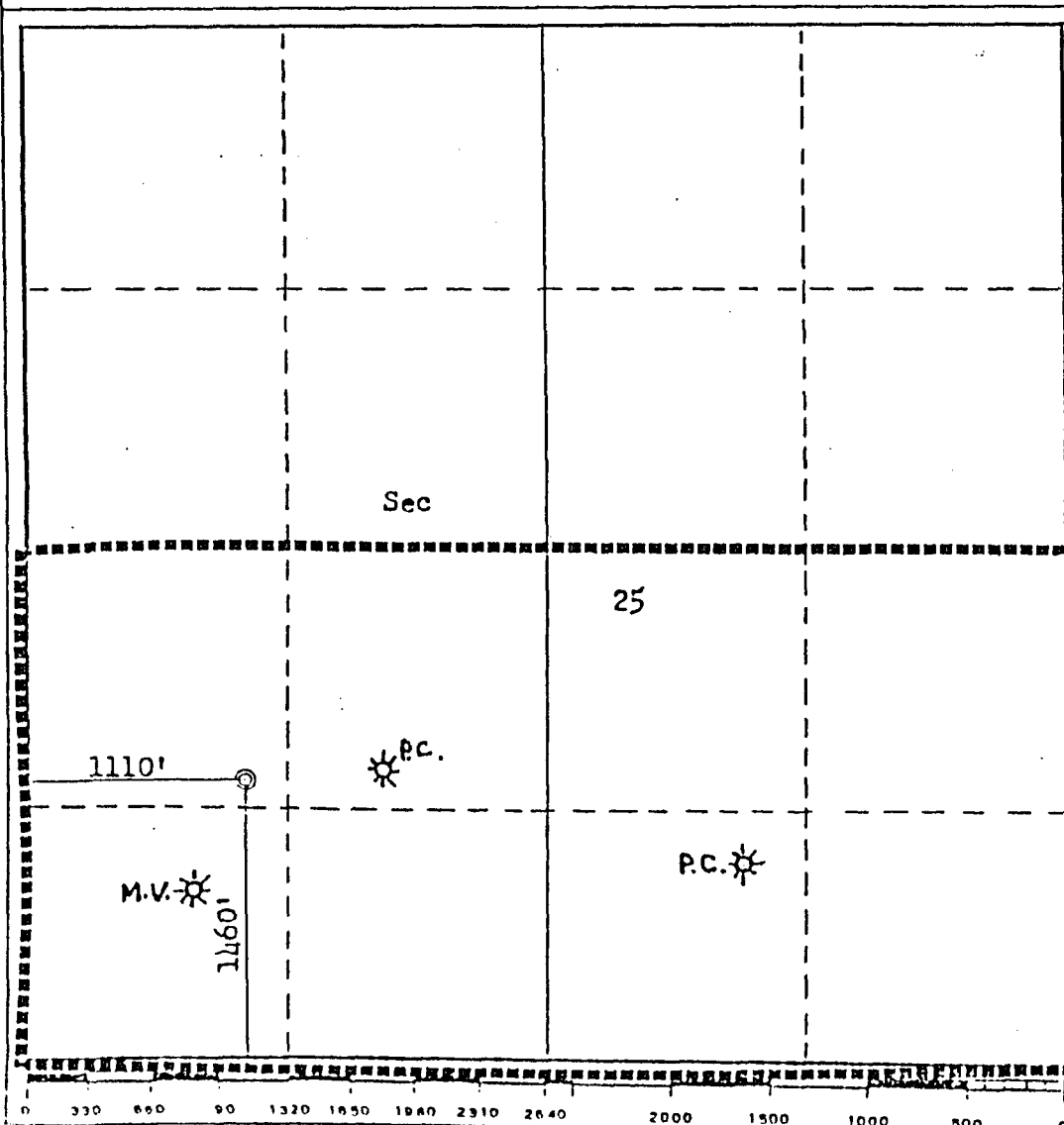
Operator TENNECO OIL COMPANY			Lease MANSFIELD "A"		Well No. 1
Unit Letter L	Section 25	Township 30N	Range 10W	County San Juan	
Actual Footage Location of Well:					
1460 feet from the South line and		1110 feet from the West line			
Ground Level Elev. 6062	Producing Formation Dakota	Pool Basin Dakota		Dedicated Acreage: 315.76 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name J. A. Rush
 Position Environmental Coordinator
 Company Tenneco Oil Company
 Date November 30, 1978

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed October 15, 1978
 Registered Professional Engineer and/or Land Surveyor
Edward B. Kerr, Jr.
 Certificate No. 3250
 NEAR, JR.

District I
PO Box 1980, Hobbs, NM 88241-1980

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-23295		Pool Code 72319		Pool Name Blanco Mesaverde	
Property Code 000818		Property Name Mansfield A			Well Number 1
OGRID No. 000778		Operator Name Amoco Production Company			Elevation 6062'

10 Surface Location

UL or lot no. L	Section 25	Township 30N	Range 10W	Lot Ida	Feet from the 1460	North/South line South	Feet from the 1110	East/West line West	County San Juan
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 315.76		Joint or Infill		Consolidation Code		Order No.			

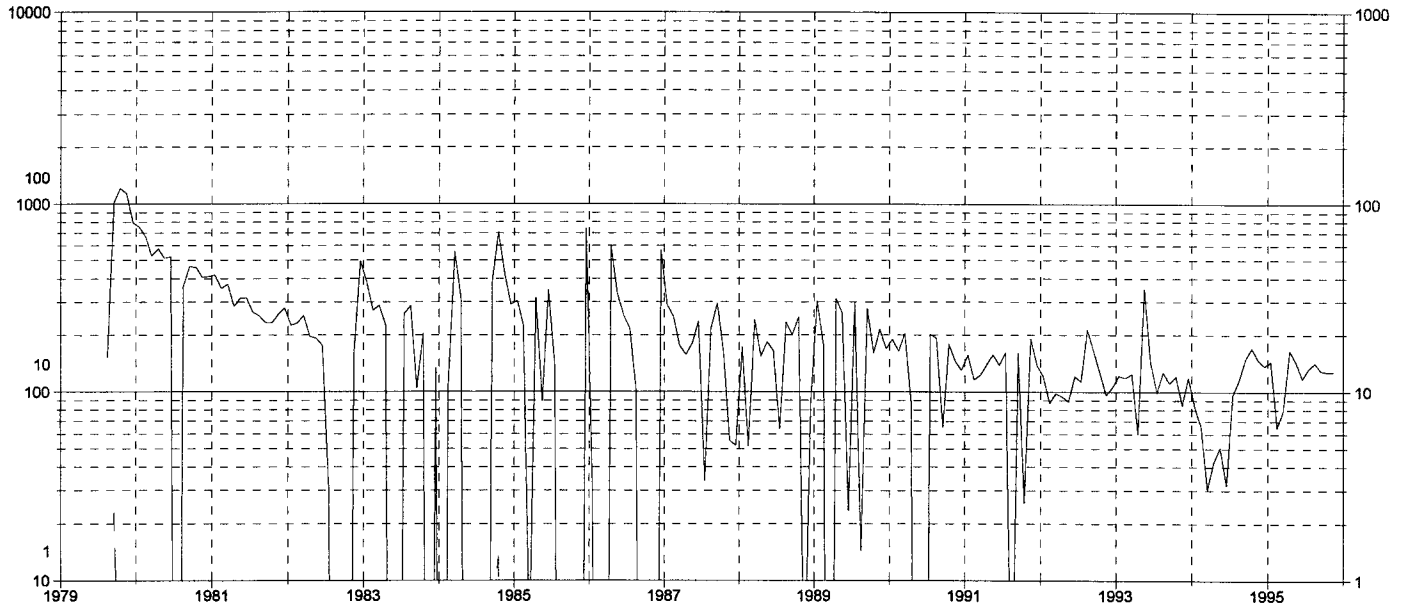
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16				17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature <u>Patty Haefele</u> Patty Haefele Printed Name Staff Assistant Title 4/16/96 Date
1110'	1460'			18 SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> 10/16/78 Date of Survey Signature and Seal of Professional Surveyer: on file 3950 Certificate Number

Dwights

1000 Lease: MANSFIELD A 000001

Retrieval Code: 251,045,30N10W25L00D



County: SAN JUAN

State: NM

F.P. Date: 08/79

Date: 04/04/96

Field: BASIN (DAKOTA) DK

Oil Cum: 576 bbl

Reservoir: DAKOTA

Gas Cum: 1198 mmcf

Water (bbl/day)

Operator: AMOCO PRODUCTION CO

Location: 25L 30N 10W

Gas (mcf/day)

Oil (bbl/day)

ALLOCATION METHOD
MANSFIELD A #1

The recommended allocation method for the Mansfield A #1 is to extrapolate the existing Dakota decline through the potential economic limit of the well and attribute any excess production after commingling to the Mesaverde recompletion. Attached you will find a tabulated listing of the expected Dakota production through time. Condensate production is expected from both zones and it is recommended that the condensate be split on the same percentage basis as the Dakota/Mesaverde gas production split for that month.

MANSFIELD DAKOTA EXTRAPOLATED PRODUCTION			
wellid	Date	Monthly mcf	ave mcfd
300452329500DK	Feb-96	3952	130
300452329500DK	Mar-96	3891.2	128
300452329500DK	Apr-96	3860.8	127
300452329500DK	May-96	3800	125
300452329500DK	Jun-96	3769.6	124
300452329500DK	Jul-96	3739.2	123
300452329500DK	Aug-96	3678.4	121
300452329500DK	Sep-96	3648	120
300452329500DK	Oct-96	3617.6	119
300452329500DK	Nov-96	3587.2	118
300452329500DK	Dec-96	3526.4	116
300452329500DK	Jan-97	3496	115
300452329500DK	Feb-97	3465.6	114
300452329500DK	Mar-97	3435.2	113
300452329500DK	Apr-97	3374.4	111
300452329500DK	May-97	3344	110
300452329500DK	Jun-97	3313.6	109
300452329500DK	Jul-97	3283.2	108
300452329500DK	Aug-97	3252.8	107
300452329500DK	Sep-97	3222.4	106
300452329500DK	Oct-97	3161.6	104
300452329500DK	Nov-97	3131.2	103
300452329500DK	Dec-97	3100.8	102
300452329500DK	Jan-98	3070.4	101
300452329500DK	Feb-98	3040	100
300452329500DK	Mar-98	3009.6	99
300452329500DK	Apr-98	2979.2	98
300452329500DK	May-98	2948.8	97
300452329500DK	Jun-98	2918.4	96
300452329500DK	Jul-98	2888	95
300452329500DK	Aug-98	2857.6	94
300452329500DK	Sep-98	2827.2	93
300452329500DK	Oct-98	2796.8	92
300452329500DK	Nov-98	2766.4	91
300452329500DK	Dec-98	2736	90
300452329500DK	Jan-99	2705.6	89
300452329500DK	Feb-99	2675.2	88
300452329500DK	Mar-99	2644.8	87
300452329500DK	Apr-99	2614.4	86
300452329500DK	May-99	2584	85
300452329500DK	Jun-99	2553.6	84
300452329500DK	Jul-99	2523.2	83
300452329500DK	Aug-99	2492.8	82
300452329500DK	Sep-99	2492.8	82
300452329500DK	Oct-99	2462.4	81
300452329500DK	Nov-99	2432	80
300452329500DK	Dec-99	2401.6	79
300452329500DK	Jan-00	2371.2	78
300452329500DK	Feb-00	2340.8	77
300452329500DK	Mar-00	2310.4	76
300452329500DK	Apr-00	2310.4	76
300452329500DK	May-00	2280	75
300452329500DK	Jun-00	2249.6	74
300452329500DK	Jul-00	2219.2	73
300452329500DK	Aug-00	2188.8	72
300452329500DK	Sep-00	2188.8	72

300452329500DK	Oct-00	2158.4	71
300452329500DK	Nov-00	2128	70
300452329500DK	Dec-00	2097.6	69
300452329500DK	Jan-01	2097.6	69
300452329500DK	Feb-01	2067.2	68
300452329500DK	Mar-01	2036.8	67
300452329500DK	Apr-01	2006.4	66
300452329500DK	May-01	2006.4	66
300452329500DK	Jun-01	1976	65
300452329500DK	Jul-01	1945.6	64
300452329500DK	Aug-01	1945.6	64
300452329500DK	Sep-01	1915.2	63
300452329500DK	Oct-01	1884.8	62
300452329500DK	Nov-01	1884.8	62
300452329500DK	Dec-01	1854.4	61
300452329500DK	Jan-02	1824	60
300452329500DK	Feb-02	1824	60
300452329500DK	Mar-02	1793.6	59
300452329500DK	Apr-02	1763.2	58
300452329500DK	May-02	1763.2	58
300452329500DK	Jun-02	1732.8	57
300452329500DK	Jul-02	1702.4	56
300452329500DK	Aug-02	1702.4	56
300452329500DK	Sep-02	1672	55
300452329500DK	Oct-02	1672	55
300452329500DK	Nov-02	1641.6	54
300452329500DK	Dec-02	1641.6	54
300452329500DK	Jan-03	1611.2	53
300452329500DK	Feb-03	1580.8	52
300452329500DK	Mar-03	1580.8	52
300452329500DK	Apr-03	1550.4	51
300452329500DK	May-03	1550.4	51
300452329500DK	Jun-03	1520	50
300452329500DK	Jul-03	1520	50
300452329500DK	Aug-03	1489.6	49
300452329500DK	Sep-03	1489.6	49
300452329500DK	Oct-03	1459.2	48
300452329500DK	Nov-03	1459.2	48
300452329500DK	Dec-03	1428.8	47
300452329500DK	Jan-04	1398.4	46
300452329500DK	Feb-04	1398.4	46
300452329500DK	Mar-04	1368	45
300452329500DK	Apr-04	1368	45
300452329500DK	May-04	1368	45
300452329500DK	Jun-04	1337.6	44
300452329500DK	Jul-04	1337.6	44
300452329500DK	Aug-04	1307.2	43
300452329500DK	Sep-04	1307.2	43
300452329500DK	Oct-04	1276.8	42
300452329500DK	Nov-04	1276.8	42
300452329500DK	Dec-04	1246.4	41
300452329500DK	Jan-05	1246.4	41
300452329500DK	Feb-05	1216	40
300452329500DK	Mar-05	1216	40
300452329500DK	Apr-05	1216	40
300452329500DK	May-05	1185.6	39
300452329500DK	Jun-05	1185.6	39
300452329500DK	Jul-05	1155.2	38
300452329500DK	Aug-05	1155.2	38
300452329500DK	Sep-05	1124.8	37
300452329500DK	Oct-05	1124.8	37

300452329500DK	Nov-05	1124.8	37
300452329500DK	Dec-05	1094.4	36
300452329500DK	Jan-06	1094.4	36
300452329500DK	Feb-06	1064	35
300452329500DK	Mar-06	1064	35
300452329500DK	Apr-06	1064	35
300452329500DK	May-06	1033.6	34
300452329500DK	Jun-06	1033.6	34
300452329500DK	Jul-06	1033.6	34
300452329500DK	Aug-06	1003.2	33
300452329500DK	Sep-06	1003.2	33
300452329500DK	Oct-06	972.8	32
300452329500DK	Nov-06	972.8	32
300452329500DK	Dec-06	972.8	32
300452329500DK	Jan-07	942.4	31
300452329500DK	Feb-07	942.4	31
300452329500DK	Mar-07	942.4	31
300452329500DK	Apr-07	912	30
300452329500DK	May-07	912	30
300452329500DK	Jun-07	912	30
300452329500DK	Jul-07	881.6	29
300452329500DK	Aug-07	881.6	29
300452329500DK	Sep-07	881.6	29
300452329500DK	Oct-07	881.6	29
300452329500DK	Nov-07	851.2	28
300452329500DK	Dec-07	851.2	28
300452329500DK	Jan-08	851.2	28
300452329500DK	Feb-08	820.8	27
300452329500DK	Mar-08	820.8	27
300452329500DK	Apr-08	820.8	27
300452329500DK	May-08	790.4	26
300452329500DK	Jun-08	790.4	26
300452329500DK	Jul-08	790.4	26
300452329500DK	Aug-08	790.4	26
300452329500DK	Sep-08	760	25
300452329500DK	Oct-08	760	25
300452329500DK	Nov-08	760	25
300452329500DK	Dec-08	729.6	24
300452329500DK	Jan-09	729.6	24
300452329500DK	Feb-09	729.6	24
300452329500DK	Mar-09	729.6	24
300452329500DK	Apr-09	699.2	23
300452329500DK	May-09	699.2	23
300452329500DK	Jun-09	699.2	23
300452329500DK	Jul-09	699.2	23
300452329500DK	Aug-09	668.8	22
300452329500DK	Sep-09	668.8	22
300452329500DK	Oct-09	668.8	22
300452329500DK	Nov-09	668.8	22
300452329500DK	Dec-09	638.4	21
300452329500DK	Jan-10	638.4	21
300452329500DK	Feb-10	638.4	21
300452329500DK	Mar-10	638.4	21
300452329500DK	Apr-10	638.4	21
300452329500DK	May-10	608	20
300452329500DK	Jun-10	608	20
300452329500DK	Jul-10	608	20
300452329500DK	Aug-10	608	20
300452329500DK	Sep-10	577.6	19
300452329500DK	Oct-10	577.6	19
300452329500DK	Nov-10	577.6	19

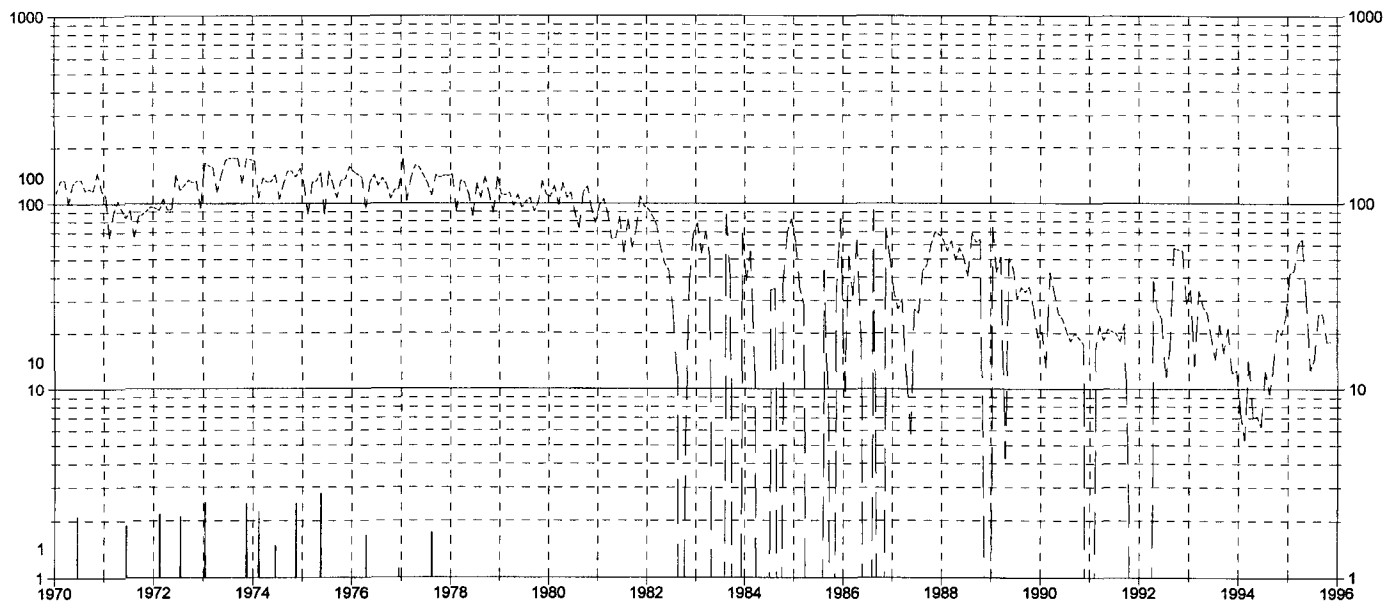
300452329500DK	Dec-10	577.6	19
300452329500DK	Jan-11	577.6	19
300452329500DK	Feb-11	547.2	18
300452329500DK	Mar-11	547.2	18
300452329500DK	Apr-11	547.2	18
300452329500DK	May-11	547.2	18
300452329500DK	Jun-11	547.2	18
300452329500DK	Jul-11	516.8	17
300452329500DK	Aug-11	516.8	17
300452329500DK	Sep-11	516.8	17
300452329500DK	Oct-11	516.8	17
300452329500DK	Nov-11	516.8	17
300452329500DK	Dec-11	486.4	16
300452329500DK	Jan-12	486.4	16
300452329500DK	Feb-12	486.4	16
300452329500DK	Mar-12	486.4	16
300452329500DK	Apr-12	486.4	16
300452329500DK	May-12	486.4	16
300452329500DK	Jun-12	456	15
300452329500DK	Jul-12	456	15
300452329500DK	Aug-12	456	15
300452329500DK	Sep-12	456	15
300452329500DK	Oct-12	456	15
300452329500DK	Nov-12	456	15
300452329500DK	Dec-12	425.6	14
300452329500DK	Jan-13	425.6	14
300452329500DK	Feb-13	425.6	14
300452329500DK	Mar-13	425.6	14
300452329500DK	Apr-13	425.6	14
300452329500DK	May-13	425.6	14
300452329500DK	Jun-13	395.2	13
300452329500DK	Jul-13	395.2	13
300452329500DK	Aug-13	395.2	13
300452329500DK	Sep-13	395.2	13
300452329500DK	Oct-13	395.2	13
300452329500DK	Nov-13	395.2	13
300452329500DK	Dec-13	395.2	13
300452329500DK	Jan-14	364.8	12
300452329500DK	Feb-14	364.8	12
300452329500DK	Mar-14	364.8	12
300452329500DK	Apr-14	364.8	12
300452329500DK	May-14	364.8	12
300452329500DK	Jun-14	364.8	12
300452329500DK	Jul-14	364.8	12
300452329500DK	Aug-14	364.8	12
300452329500DK	Sep-14	334.4	11
300452329500DK	Oct-14	334.4	11
300452329500DK	Nov-14	334.4	11
300452329500DK	Dec-14	334.4	11
300452329500DK	Jan-15	334.4	11
300452329500DK	Feb-15	334.4	11
300452329500DK	Mar-15	334.4	11
300452329500DK	Apr-15	334.4	11
300452329500DK	May-15	304	10
300452329500DK	Jun-15	304	10
300452329500DK	Jul-15	304	10
300452329500DK	Aug-15	304	10
300452329500DK	Sep-15	304	10
300452329500DK	Oct-15	304	10
300452329500DK	Nov-15	304	10
300452329500DK	Dec-15	304	10

300452329500DK	Jan-16	304	10
300452329500DK	Feb-16	273.6	9
300452329500DK	Mar-16	273.6	9
300452329500DK	Apr-16	273.6	9
300452329500DK	May-16	273.6	9
300452329500DK	Jun-16	273.6	9
300452329500DK	Jul-16	273.6	9
300452329500DK	Aug-16	273.6	9
300452329500DK	Sep-16	273.6	9
300452329500DK	Oct-16	273.6	9
300452329500DK	Nov-16	273.6	9
300452329500DK	Dec-16	243.2	8
300452329500DK	Jan-17	243.2	8
300452329500DK	Feb-17	243.2	8
300452329500DK	Mar-17	243.2	8
300452329500DK	Apr-17	243.2	8
300452329500DK	May-17	243.2	8
300452329500DK	Jun-17	243.2	8
300452329500DK	Jul-17	243.2	8
300452329500DK	Aug-17	243.2	8
300452329500DK	Sep-17	243.2	8
300452329500DK	Oct-17	243.2	8
300452329500DK	Nov-17	212.8	7
300452329500DK	Dec-17	212.8	7
300452329500DK	Jan-18	212.8	7
300452329500DK	Feb-18	212.8	7
300452329500DK	Mar-18	212.8	7
300452329500DK	Apr-18	212.8	7
300452329500DK	May-18	212.8	7
300452329500DK	Jun-18	212.8	7
300452329500DK	Jul-18	212.8	7
300452329500DK	Aug-18	212.8	7
300452329500DK	Sep-18	212.8	7
300452329500DK	Oct-18	212.8	7

Dwights

Lease: FLORANCE AE 000001

Retrieval Code: 251,045,30N10W25M00M



County: SAN JUAN

State: NM

F.P. Date: 03/54

Date: 04/04/96

Field: BLANCO (MESAVERDE) MV

Oil Cum: 2006 bbl

Reservoir: MESAVERDE

Gas Cum: 1353 mmcf

Water (bbl/day)

Operator: AMOCO PRODUCTION CO

Location: 25M 30N 10W

Oil (bbl/day)

Gas (mcf/day)

118272 00 466-25-6491

JOHN B ALLINSON JR
2013 DOUGLAS DRIVE
SAN ANGELO

TX 76904-5025

762567 00 461-32-0958

HAZEL ASHLEY BRACKEN
101 WESTCOTT NO 403
HOUSTON

TX 77007-7030

926118 00 074-6078322

W R ARCHER U/W/O
ELEANOR M ARCHER TRUSTEE
3615 PIPING ROCK LANE
HOUSTON

TX 77027-4116

129567 00 464-84-9744

BETSY BRYANT
2201 BROOKHOLLOW
ABILENE

TX 79605-5507

925662 00 571-40-3379

DOUGLAS E ATWILL
602 CANYON ROAD
SANTA FE

NM 87501-2722

921248 00 461-56-3311
ELIZABETH TURNER CALLOWAY
4801 ST JOHNS DR
DALLAS

TX 75205-3143

925596 00 563-34-5259

EDWARD R ATWILL
P O BOX 1551
TUBAC

AZ 85646-1551

603416 25 073-0196000

CONOCO INC
P O BOX 951063
DALLAS

TX 75395-1063

124877 00 086-6166976

JANE B BAER TRUST
U/T DATED 04-04-86
FIRST INTERSTATE BK ARIZONA TRUSTEE
FIRST INTERSTATE BK DENVER AGENT
P O BOX 5825
DENVER

CO 80217-5825

127556 00 075-6435011

DAVANT FAMILY TRUST C
U/A DATED 11-19-1986
NATIONSBANK OF TEXAS NA TRUSTEE
ACCOUNT NUMBER 30011053442647
P O BOX 840738
DALLAS

TX 75284-0738

146802 00 222-34-2428

PAMELA GRAY BALDWIN
TEXAS COMMERCE BK AGENT AND ATY-N-FACT
TRUST MINERALS SECTION 1049313
P O BOX 200555
HOUSTON

TX 77216-0555

378966 00 044-26-7661

JEREMY S DAVIS
7539 BROMPTON BLVD
HOUSTON

TX 77025-2267

682516 00 456-40-4346

R E BEAMON III
SUITE 470
THREE RIVERWAY
HOUSTON

TX 77056-1942

918304 00 043-28-9850

WATERS S DAVIS III
TEXAS COMMERCE BK AGENT AND ATY-N-FACT
TRUST MINERALS SECTION 1049308
P O BOX 200555
HOUSTON

TX 77216-0001

924253 00 521-10-5322

JOHN M BOSICK
FOR INTEREST OF JOHN M BOSICK AND
JON T BOSICK AND KAREN L MCAFEE
JOINT TENANTS
7354 ROBB STREET
ARVADA

CO 80005-3541

685965 00 133-38-5194

RUTH DEMEREE
15 TERRACE HILL ROAD
BAINBRIDGE

NY 13733-1043

297950 00 458-56-7220
BARBARA REESE DINGES
6510 SHADOW CREST
HOUSTON

TX 77074-6818

129569 00 458-35-2216
MITZI EASLEY
3900 DOMINION COVE
AUSTIN

TX 78759-7300

150770 00 075-2572952
FLORANCE LIMITED COMPANY
C/O NORTHERN TRUST BANK OF TX
P O BOX 226270
DALLAS

TX 75222-6270

271629 00 129-44-6360
OLIVE C GERLACH
1189 WEST CAMINO SAGASTA
GREEN VALLEY

AZ 85614-4512

517362 00 348-30-2363
PATRICIA C GORDEN
1740 N LIMA ST
BURBANK

CA 91505-1524

676688 00 529-20-3274
GORDON L GOTTSTEIN
9433 NORTH EAST 14TH
BELLEVUE

WA 98004-3438

128169 00 529-24-6671
JAY GOTTSTEIN TRUST
DATED 11-11-92
JAY GOTTSTEIN TRUSTEE
577 DOGWOOD RD
LAKE OZARK

MO 65049-9488

146798 00 044-22-8815
DAVID H GRAY
TEXAS COMMERCE BK AGENT AND ATY-N-FACT
TRUST MINERALS SECTION 1049309
P O BOX 200555
HOUSTON

TX 77216-0555

146799 00 044-28-6154
JOHN L GRAY
TEXAS COMMERCE BK AGENT AND ATY-N-FACT
TRUST MINERALS SECTION 1049310
P O BOX 200555
HOUSTON

TX 77216-0555

120851 00 075-2252517
GROVER BROS LTD PARTNERSHIP
SAN JUAN ROYALTY JV-90
P O BOX 3666
MIDLAND

TX 79702-3666

634423 00 475-20-1680
ARDEN R GROVER
SAN JUAN ROYALTY JV-90
P O BOX 3666
MIDLAND

TX 79702-3666

149220 00 484-72-2929
DAVID HENDERSON
9411 WINDING RIDGE DRIVE
DALLAS

TX 75238-1449

105640 00 450-24-2249
MARY ANNE AND ROBERT L HOWARD
JOINT TENANTS
438 FOX BRIAR
SUGARLAND

TX 77478-3717

925561 00 558-38-1773
JOHN E HUDSON
2231 WESTRIDGE ROAD
LOS ANGELES

CA 90049-1822

252130 01 427-46-0617
W L JENNINGS
BILLY G EDWARDS ATTY IN FACT
SAN JUAN ROYALTY JV-90
P O BOX 117
ABILENE

TX 79604-0117

925546 00 556-40-5488
ANN JONES
RIVERTON ROAD
IRVINGTON ON HUDSON
NEW YORK

NY 10037-2310

922618 00 035-6465292
MARGARET A KEARNS TRUST
U/A F/B/O HELENE D GORMAN
HELENE D GORMAN TRUSTEE
1440 OSPREY AVENUE
NAPLES

FL 33962-3410

926551 00 003-6046047
MARGARET A KEARNS TRUST
JAMES B DRAPER TRUSTEE
F/B/O JAMES B DRAPER
77 SOUTH BIRCH ROAD APT #8D
FORT LAUDERDALE

FL 33316-1556

677180 00 095-6153710
LAURENCE CORBETT KELLY TRUST
ROBERT LORENZO KELLY SUCCESSOR TRUSTEE
C/O BRITTICKS & COMPANY
3660 WILSHIRE BLVD SUITE 944
LOS ANGELES

CA 90010-2759

639077 03 462-10-9875
W D KENNEDY
SAN JUAN ROYALTY JV-90
550 WEST TEXAS #1225
MIDLAND

TX 79701-4266

571491 00 085-6081680
BARBARA E KOONS TRUST
FIRST NATL BK IN ALBUQUERQUE
TRUSTEE U/A DATED 7-16-76
P O BOX 1305
ALBUQUERQUE

NM 87103-1305

118271 00 466-25-6346
MARGARET ALLINSON LAYCOCK
1511 WEST 31ST STREET
AUSTIN

TX 78703-1405

242970 00 454-86-9390
JAMES R LEETON JR
SAN JUAN ROYALTY JV-90 ACCOUNT
P O BOX 10561
MIDLAND

TX 79702-7561

680325 00 457-42-0628
PATTIE BEAMON LUNDELL
1616 SOUTH VOSS #870
HOUSTON

TX 77057-2626

686120 00 529-44-5728
BENJAMIN JOSEPH MANSFIELD
2615 EVERETT DRIVE
RENO NV 89503-3912

541140 00 522-58-3756
KAREN BOSICK MCAFEE
7354 ROBB ST
ARVADA CO 80005-3541

146800 00 222-34-2450
CYNTHIA GRAY MILANI
TEXAS COMMERCE BK AGENT AND ATY-IN-FACT
TRUST MINERALS SECTION 1049313
P O BOX 200555
HOUSTON TX 77216-0555

710000 01 084-0848646
MINERALS MANAGEMENT SERVICE
ROYALTY MANAGEMENT PROGRAM
PO BOX 5810 TA
DENVER CO 80217-5810

105639 00 440-14-6936
LLOYD J AND RUTH R MONEY 1990 TRUST
DATED 10-9-90
LLOYD J AND RUTH R MONEY TRUSTEES
904 21ST STREET
HERMOSA BEACH CA 90254-3105

118270 00 455-04-7823
KELLEY A MURRELL
3512 CORNELL
DALLAS TX 75205-2817

776245 00 074-1617645
NORDAN TRUST
LOUIS BELINSKY TRUSTEE
112 EAST PECAN SUITE 500
SAN ANTONIO TX 78205-1516

173984 00 074-2726771
PEARL NEUGENT NORDAN ESTATE
MARIAN NORDAN HARWELL
FOREIGN PERSONAL REPRESENTATIVE
112 EAST PECAN SUITE 500
SAN ANTONIO TX 78205-1516

926372 00 076-6004364
HARRY D PORTER REVOCABLE TRUST
NATIONSBANK OF TEXAS NA TRUSTEE
NO 15-020-6401500
C/O TRUST OIL AND GAS
P O BOX 840738
DALLAS TX 75284-0738

297951 00 462-80-3271
DAVID ELBERT REESE
2203 N BELMONT
RICHMOND TX 77469-5501

297953 00 457-46-4697
ELIZABETH GOODWIN REESE
7800 NAIRN
HOUSTON TX 77074-5321

146801 00 222-34-2419
CATHARINE GRAY REMENICK
TEXAS COMMERCE BK AGENT AND ATY-N-FACT
TRUST MINERALS SECTION 1049313
P O BOX 200555
HOUSTON TX 77216-0555

129568 00 464-84-9584
SUSAN RITTER
P O BOX 162606
AUSTIN TX 78716-2606

922869 00 437-74-3851
JOANNE THOMPSON RUGELEY
3813 TOLMAS
METAIRIE LA 70002-1846

270025 00 051-6026962
LORENE RAYBOURN SMITH TESTAMENTARY
TRUST
CLAUD W AND JESSE S RAYBOURN
CO-TRUSTEES
207 WILSHIRE LANE
NEWARK DE 19711-2757

719688 00 458-76-3973
BETTY WEST STEDMAN
ATTN LOCK BOX
P O BOX 1349
HOUSTON TX 77210-1349

117331 00 523-56-4779
E HUNTER STONE II TRUST
P O BOX 61419
DENVER CO 80206-8419

924552 00 523-28-7665
ENID LILLIAN THOMPSON LIFE ESTATE
MWOOD ROBERT THOMPSON ATTY IN FACT
316 DAHLIA
DENVER CO 80220-5714

923318 00 460-09-4244
G E THOMPSON
P O BOX 111
ROUND TOP TX 78954-0111

926579 00 094-12-1539
JANE M THOMPSON TRUST
APARTMENT 407
THE FOUR SEASONS
333 SUNSET DRIVE
FORT LAUDERDALE FL 33301-2641

144321 00 076-6094733
DORTHY M TUCKER ESTATE
BRAD TUCKER EXECUTOR
P O BOX 2822
HOUSTON TX 77252-2822

432704 00 460-60-4455
FRED E TURNER
4925 GREENVILLE AVENUE
ONE ENERGY SQUARE SUITE 852
DALLAS TX 75206-4079

432702 00 460-60-4458
J GLENN TURNER JR
3131 TURTLE CREEK BLVD SUITE 1201
DALLAS TX 75219-5441

432703 00 467-82-2785
JOHN L TURNER
P O BOX 33610
KERRVILLE TX 78029-3610

615188 03 095-1315450
UNION OIL COMPANY OF CALIFORNIA
ATTN REVENUE ACCOUNTING
P O BOX 841055
DALLAS TX 75284-1055

923549 00 466-05-2217
MARGARET HARDY VAN SANT
P O BOX 817
LEAGUE CITY TX 77574-0817

297952 00 452-70-0230
REBECCA ANN REESE WARD
2210 CUSTER PARKWAY
RICHARDSON TX 75080-2502

571492 00 085-6081679
MIRIAM N WASHBURN TRUST
FIRST NATL BK IN ALBUQUERQUE
TRUSTEE U/A DATED 7-16-76
P O BOX 1305
ALBUQUERQUE NM 87103-1305

925573 00 560-44-7600
NEAL S WATERFALL
12020 SOUTHWEST PAR 4 DRIVE
KING CITY OR 97224-2512

914070 00 076-6046720
GLADYS WATFORD TRUST
GLADYS WATFORD, TRUSTEE
P O BOX 571814
HOUSTON TX 77257-1814

927938 00 076-0236305
WESLEY WEST MINERAL CORPORATION
P O BOX 4383
HOUSTON TX 77210-4383

923298 00 458-56-6111
JAMES WENDELL WEST
P O BOX 5591
SHERMAN OAKS CA 91413-5591

926371 00 076-0213423
L DORIS WILLIAMS ESTATE
WILLIAM P TRAYLOR AND JOHN G HEARD
CO-INDEPENDENT EXECUTORS
PO BOX 8306
HOUSTON TX 77288-8306

119776 00 573-20-0271
EDWARD AND JACQUELINE WINTERER
REVOCABLE TRUST NO 1
DATED 12-4-91
EDWARD AND JACQUELINE WINTERER TRS
289 OCEAN VIEW
DEL MAR CA 92014-3321

141556 00 550-40-0577
WINTERWIDER FAMILY REVOCABLE TRUST
JOAN WINTERER AND ROY FULWIDER
TRUSTEES
600 N SIXTH STREET
SANTA PAULA CA 93060-1605

116086 00 459-66-6208
CREPS FAMILY TRUST
DATED 12-5-91
JOHN E CREPS JR AND VIRGINIA CREPS
CO-TRUSTEES
4556 AVALON COVE
LAKE LAND FL 33801-0572

ROBERT E BEAMON
C/O IRS
ATTN: P ANTHONY 76011491
BOX 275114HAL
8701 S GESSNER
HOUSTON TX 77074

BRADFORD TUCKER
301 SAGE ROAD #3
HOUSTON TX 77056

F LOUIS TUCKER JR
6438 VANDERBILT
HOUSTON TX 77005

MARTHA M TUCKER
21 BRIAR HOLLOW #803
HOUSTON TX 77027

OFFSET OPERATORS
MANSFIELD A #1

Koch Oil Company
P.O. Box 2256
Wichita, KS 67201

Meridian Oil, Inc.
P.O. Box 4289
Farmington, NM 87499

Texaco E&P Inc.
P.O. Box 2100
Denver, Colorado 80201