

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

Amoco Production Company

PO Box 3092 Houston, TX 77253-3092

Operator

Fields

1

Address

m 29-32N-11W

San Juan

Lease

Well No.

Unit Ltr. - Sec Twp - Rge

County

OGRID NO. 000778

Property Code 000510

API NO. 30-045-22883

Spacing Unit Lease Types: (check 1 or more)
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)	5000' - 5823' EST		7836' - 7974'
3. Type of production (Oil or Gas)	Gas	1-27-00	Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure	a. (Current) 512 psig (est)	a.	a. 1037 psig
Oil Zones - Artificial Lift: Gas & Oil - Flowing: Measured Current	b. (Original) 2483 psig (est)	b.	b. 2040 psig
All Gas Zones: Estimated or Measured Original			
6. Oil Gravity (° API) or Gas BTU Content	1173 BTU		1203 BTU
7. Producing or Shut-In?	New zone		Producing
Production Marginal? (yes or no)	YES		YES
• If Shut-In, give data and oil/gas/water rates of last production	Date: Rates:	Date: Rates:	Date: Rates:
Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.			
• If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: Rates:	Date: Rates:	Date: Rates: 130 MCFD 2 BCPD 0 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?
If not, have all working, overriding, and royalty interests been notified by certified mail?
Have all offset operators been given written notice of the proposed downhole commingling?

☐ Yes ☒ No

☒ Yes ☐ No

☒ 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 NO FEDERAL OR STATE LANDS
15. NMOCD 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. SEE ATTACHED
 - * 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

Mary Corley

TITLE

Sr. Business Analyst

DATE

01/24/2000

TYPE OR PRINT NAME

Mary Corley

TELEPHONE NO. (

281

)

366-4491

Amoco Exploration & Production

501 Westlake Park Blvd.
Post Office Box 3092
Houston, TX 77079

January 24, 2000



**Ms. Lori Wrotenbery, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P. O. Box 6429
Santa Fe, NM 87505**

**Application for Exception to Rule 303-A- Downhole Commingling
Fields #1**

m **Unit D Section 29-T32N-R11W
Blanco Mesaverde and Basin Dakota 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 affected interest owners in the formations captioned above. The Division Director may approve the proposed downhole commingling in the absence of a valid objection from 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 her opinion, waste will not result thereby, and correlative rights will not be violated.

Should you have questions regarding this application, do not hesitate to call me at 281-366-4491.

Sincerely,


**Mary Corley
Enclosures**

cc:

**NMOCD District III
1000 Rio Brazos Road
Aztec, NM 87410**

James Dean

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

Well File

PRODUCTION ALLOCATION RECOMMENDATION

Fields # 1

Production is proposed to be allocated based on the subtraction method using the future projection of production for production from the Dakota. That production shall serve as a base for production subtracted from total production for the commingled well. The balance of the production will be attributed to the Blanco Mesaverde. Attached is the future production decline estimate for the Dakota.

WORKING, OVERRIDING, and ROYALTY INTEREST OWNERS NOTIFICATION

Fields # 1

All interest owners as indicated on attachment have been notified via certified mail, return receipt requested.

DATE IN	SUSPENSE	ENGINEER	LOGGED	TYPE
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
 [DD-Directional Drilling] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling
☐ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☒ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

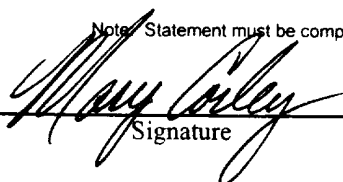
[F] ☐ Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Mary Corley
Print or Type Name


Signature

Sr. Business Analyst
Title

01/24/2000
Date

Fields # 1

AMOCO PRODUCTION COMPANY
(918) 581-4800
P O BOX 591
TULSA, OK, 74102-0591

BEAMON, R E, III
2603 AUGUSTA STE 1050
HOUSTON, TX, 77057-5640

BRYANT, BETSY
2201 BROOKHOLLOW
ABILENE, TX, 79605-5507

BUCHENAU, HARRIET M. LIVING TRUST
PO BOX 867585
PLANO, TX, 75086-7585

CHAPMAN, SANDRA MOSELEY, TRUST
PO BOX 5825
DENVER, CO, 80217-5825

CONOCO INC
PO BOX 201940
HOUSTON, TX, 77216-0001

CROSS TIMBERS OIL COMPANY
PO BOX 840287
DALLAS, TX, 75284-0287

EASLEY, MITZI
3900 DOMINION COVE
AUSTIN, TX, 78759-7300

GILMER, CLAUDIA MARCIA LUNDELL
30 GOLDEN PL
THE WOODLANDS, TX, 77381-4334

HORTON, PAUL B AND SUSAN D
C/O MCCALL PARKHURST AND HORTON
900 MAXUS ENERGY TOWER
717 NORTH HARWOOD SUITE 900
DALLAS, TX, 75201-6587

KLINE TRUST
11777 SAN VICENTE BLVD STE 520
LOS ANGELES, CA, 90049-5050

LANKFORD, GLORIA WYNNE
3501 ELM CREEK CT
FORT WORTH, TX, 76109-3110

LINDSEY, LINDA JEANNE LUNDELL
PO BOX 631565
NACOGDOCHES, TX, 75963-1565

LUNDELL, ROBERT WALTER
2450 FONDREN #304
HOUSTON, TX, 77063-2306

MAYTAG, MARQUITA M DENNY
PO BOX 1024
SUN VALLEY, ID, 83353-1024

MILNER TRUST
C/O STUWARDER AND COMPANY LLP
11075 SANTA MONICA BLVD NO. 150
LOS ANGELES, CA, 90025-3556

MIMS, SARAH S, TRUST
PO BOX 111846
CARROLLTON, TX, 75011-1846

MINERALS MANAGEMENT SERVICE
ROYALTY MANAGEMENT PROGRAM
PO BOX 5810 TA
DENVER, CO, 80217-5810

MOORE LOYAL TRUST
403 N MARIENFIELD
MIDLAND, TX, 79701-4323

MOSELEY, BARBARA J
7412 RIO GRANDE BLVD N W
ALBUQUERQUE, NM, 87107-6432

NICHOLSON, CAROLYN D
6816 N ELEVENTH AVE
PHOENIX, AZ, 85013-1018

PHILLIPS PETROLEUM COMPANY
DEPT 773
TULSA, OK, 74182-0001

RITTER, SUSAN
PO BOX 162606
AUSTIN, TX, 78716-2606

ROYCE, POLLY MOSELEY
PO BOX 869
RAUCHO SANTA FE, CA, 92067-0869

SCHULTZ, HENRIETTA E, TRUSTEE
LINCOLN PLAZA SUITE 2940 LB-1
500 NORTH AKARD
DALLAS, TX, 75201-3320

UNION OIL COMPANY OF CALIFORNIA
ATTN REVENUE ACCOUNTING
PO BOX 841055
DALLAS, TX, 75284-1055

WALKER, WILLIAM T, JR
812 BIRCHWOOD DR
LOS ANGELES, CA, 90024-2502

WARREN AMERICAN OIL COMPANY
PO BOX 470372
TULSA, OK, 74147-0372

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

311 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 and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
 Santa Fe, New Mexico 87505

Form C-102

Revised October 18, 1994
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-23883		Pool Code 71599	Pool Name Basin Dakota
Property Code 000510	Property Name Fields		Well Number 1
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY		Elevation 6589' GR

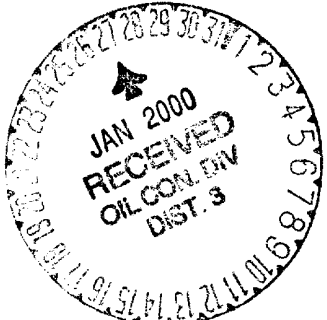
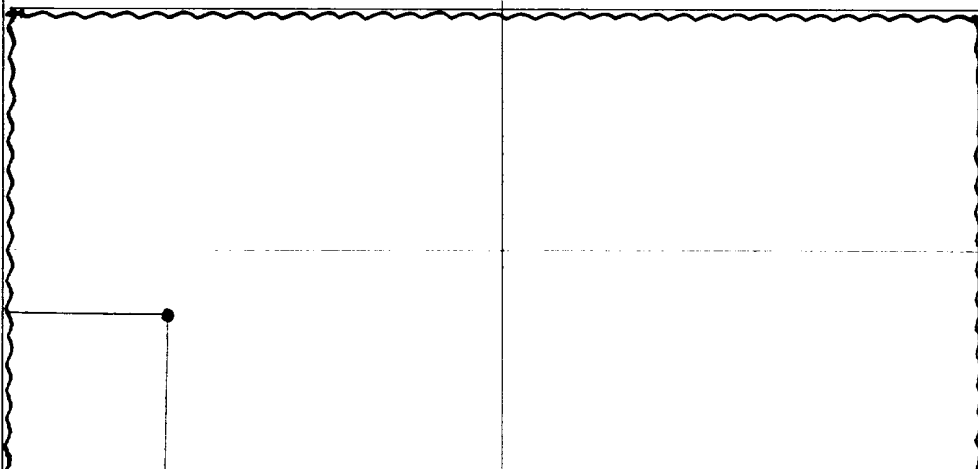
Surface Location

UL or lot no. UNIT M	Section 29	Township 32N	Range 11W	Lot. Idn	Feet from the 790'	North/South Line SOUTH	Feet from the 790'	East/West Line WEST	County San Juan
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Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
Dedicated Acreage: 320		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**

	OPERATOR CERTIFICATION	
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
	Signature	
	Printed Name <i>MARY CORLEY</i> Position Sr. Business Analyst Date 01/24/2000	
	SURVEY CERTIFICATION	
	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 of Survey	
	Signature & Seal of Professional Surveyor Fred B. Kerr, Jr. Certificate No. 3950	

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State of New Mexico
Energy, Minerals and Natural Resources Department**OIL CONSERVATION DIVISION**2040 South Pacheco
Santa Fe, New Mexico 87505

Form C-102

Revised October 18, 1994

Submit to Appropriate District Office

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-23883	Pool Code 72319	Pool Name Blanco Measverde
Property Code 000510	Property Name Fields	Well Number 1
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 6589' GR

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UL or lot no. UNIT M	Section 29	Township 32N	Range 11W	Lot. Idn	Feet from the 790'	North/South Line SOUTH	Feet from the 790'	East/West Line WEST	County San Juan
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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

	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 Printed Name MARY CORLEY Position Sr. Business Analyst Date 01/24/2000
	SURVEY 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 knowledge and belief.</i> Date of Survey Signature & Seal of Professional Surveyor Fred B. Kerr, Jr. Certificate No. 3950

Fields #1

Future Production Decline Estimate

Month	Gas Volume
Jan-2000	130
Feb-2000	129
Mar-2000	128
Apr-2000	127
May-2000	126
Jun-2000	125
Jul-2000	124
Aug-2000	123
Sep-2000	122
Oct-2000	121
Nov-2000	120
Dec-2000	119
Jan-2001	118
Feb-2001	117
Mar-2001	116
Apr-2001	115
May-2001	114
Jun-2001	113
Jul-2001	113
Aug-2001	112
Sep-2001	111
Oct-2001	110
Nov-2001	109
Dec-2001	108
Jan-2002	107
Feb-2002	106
Mar-2002	105
Apr-2002	105
May-2002	104
Jun-2002	103
Jul-2002	102
Aug-2002	101
Sep-2002	101
Oct-2002	100
Nov-2002	99
Dec-2002	98

Month	Gas Volume
Jan-2003	97
Feb-2003	97
Mar-2003	96
Apr-2003	95
May-2003	94
Jun-2003	94
Jul-2003	93
Aug-2003	92
Sep-2003	91
Oct-2003	91
Nov-2003	90
Dec-2003	89
Jan-2004	88
Feb-2004	88
Mar-2004	87
Apr-2004	86
May-2004	86
Jun-2004	85
Jul-2004	84
Aug-2004	84
Sep-2004	83
Oct-2004	82
Nov-2004	82
Dec-2004	81
Jan-2005	80
Feb-2005	80
Mar-2005	79
Apr-2005	78
May-2005	78
Jun-2005	77
Jul-2005	77
Aug-2005	76
Sep-2005	75
Oct-2005	75
Nov-2005	74
Dec-2005	73

Month	Gas Volume
Jan-2006	73
Feb-2006	72
Mar-2006	72
Apr-2006	71
May-2006	71
Jun-2006	70
Jul-2006	69
Aug-2006	69
Sep-2006	68
Oct-2006	68
Nov-2006	67
Dec-2006	67
Jan-2007	66
Feb-2007	66
Mar-2007	65
Apr-2007	65
May-2007	64
Jun-2007	64
Jul-2007	63
Aug-2007	63
Sep-2007	62
Oct-2007	62
Nov-2007	61
Dec-2007	61
Jan-2008	60
Feb-2008	60
Mar-2008	59
Apr-2008	59
May-2008	58
Jun-2008	58
Jul-2008	57
Aug-2008	57
Sep-2008	56
Oct-2008	56
Nov-2008	55
Dec-2008	55

Month	Gas Volume
Jan-2009	55
Feb-2009	54
Mar-2009	54
Apr-2009	53
May-2009	53
Jun-2009	52
Jul-2009	52
Aug-2009	52
Sep-2009	51
Oct-2009	51
Nov-2009	50
Dec-2009	50
Jan-2010	50
Feb-2010	49
Mar-2010	49
Apr-2010	48
May-2010	48
Jun-2010	48
Jul-2010	47
Aug-2010	47
Sep-2010	46
Oct-2010	46
Nov-2010	46
Dec-2010	45
Jan-2011	45
Feb-2011	45
Mar-2011	44
Apr-2011	44
May-2011	44
Jun-2011	43
Jul-2011	43
Aug-2011	43
Sep-2011	42
Oct-2011	42
Nov-2011	42
Dec-2011	41

Fields #1

Future Production Decline Estimate

Month	Gas Volume
Jan-2012	41
Feb-2012	41
Mar-2012	40
Apr-2012	40
May-2012	40
Jun-2012	39
Jul-2012	39
Aug-2012	39
Sep-2012	38
Oct-2012	38
Nov-2012	38
Dec-2012	37
Jan-2013	37
Feb-2013	37
Mar-2013	37
Apr-2013	36
May-2013	36
Jun-2013	36
Jul-2013	35
Aug-2013	35
Sep-2013	35
Oct-2013	35
Nov-2013	34
Dec-2013	34
Jan-2014	34
Feb-2014	33
Mar-2014	33
Apr-2014	33
May-2014	33
Jun-2014	32
Jul-2014	32
Aug-2014	32
Sep-2014	32
Oct-2014	31
Nov-2014	31
Dec-2014	31

Month	Gas Volume
Jan-2015	31
Feb-2015	30
Mar-2015	30
Apr-2015	30
May-2015	30
Jun-2015	29
Jul-2015	29
Aug-2015	29
Sep-2015	29
Oct-2015	28
Nov-2015	28
Dec-2015	28
Jan-2016	28
Feb-2016	28
Mar-2016	27
Apr-2016	27
May-2016	27
Jun-2016	27
Jul-2016	27
Aug-2016	26
Sep-2016	26
Oct-2016	26
Nov-2016	26
Dec-2016	25
Jan-2017	25
Feb-2017	25
Mar-2017	25
Apr-2017	25
May-2017	24
Jun-2017	24
Jul-2017	24
Aug-2017	24
Sep-2017	24
Oct-2017	23
Nov-2017	23
Dec-2017	23

Month	Gas Volume
Jan-2018	23
Feb-2018	23
Mar-2018	23
Apr-2018	22
May-2018	22
Jun-2018	22
Jul-2018	22
Aug-2018	22
Sep-2018	22
Oct-2018	21
Nov-2018	21
Dec-2018	21
Jan-2019	21
Feb-2019	21
Mar-2019	20
Apr-2019	20
May-2019	20
Jun-2019	20
Jul-2019	20
Aug-2019	20
Sep-2019	20
Oct-2019	19
Nov-2019	19
Dec-2019	19
Jan-2020	19
Feb-2020	19
Mar-2020	19
Apr-2020	18
May-2020	18
Jun-2020	18
Jul-2020	18
Aug-2020	18
Sep-2020	18
Oct-2020	18
Nov-2020	17
Dec-2020	17

Month	Gas Volume
Jan-2021	17
Feb-2021	17
Mar-2021	17
Apr-2021	17
May-2021	17
Jun-2021	16
Jul-2021	16
Aug-2021	16
Sep-2021	16
Oct-2021	16
Nov-2021	16
Dec-2021	16
Jan-2022	15
Feb-2022	15
Mar-2022	15
Apr-2022	15
May-2022	15
Jun-2022	15
Jul-2022	15
Aug-2022	14
Sep-2022	14
Oct-2022	14
Nov-2022	14
Dec-2022	14
Jan-2023	14
Feb-2023	14
Mar-2023	14
Apr-2023	13
May-2023	13
Jun-2023	13
Jul-2023	13
Aug-2023	13
Sep-2023	13
Oct-2023	13
Nov-2023	13
Dec-2023	13

Fields #1 Future Production Decline Estimate

Month	Gas Volume
Jan-2024	12
Feb-2024	12
Mar-2024	12
Apr-2024	12
May-2024	12
Jun-2024	12
Jul-2024	12
Aug-2024	12
Sep-2024	12
Oct-2024	11
Nov-2024	11
Dec-2024	11
Jan-2025	11
Feb-2025	11
Mar-2025	11
Apr-2025	11
May-2025	11
Jun-2025	11
Jul-2025	11
Aug-2025	10
Sep-2025	10
Oct-2025	10
Nov-2025	10
Dec-2025	10
Jan-2026	10
Feb-2026	10
Mar-2026	10
Apr-2026	10
May-2026	10
Jun-2026	10
Jul-2026	9
Aug-2026	9
Sep-2026	9
Oct-2026	9
Nov-2026	9
Dec-2026	9

Month	Gas Volume
Jan-2027	9
Feb-2027	9
Mar-2027	9
Apr-2027	9
May-2027	9
Jun-2027	9
Jul-2027	8
Aug-2027	8
Sep-2027	8
Oct-2027	8
Nov-2027	8
Dec-2027	8
Jan-2028	8
Feb-2028	8
Mar-2028	8
Apr-2028	8
May-2028	8
Jun-2028	8
Jul-2028	8
Aug-2028	8
Sep-2028	7
Oct-2028	7
Nov-2028	7
Dec-2028	7
Jan-2029	7
Feb-2029	7
Mar-2029	7
Apr-2029	7
May-2029	7
Jun-2029	7
Jul-2029	7
Aug-2029	7
Sep-2029	7
Oct-2029	7
Nov-2029	7
Dec-2029	7

Month	Gas Volume
Jan-2030	6
Feb-2030	6
Mar-2030	6
Apr-2030	6
May-2030	6
Jun-2030	6
Jul-2030	6
Aug-2030	6
Sep-2030	6
Oct-2030	6
Nov-2030	6
Dec-2030	6
Jan-2031	6
Feb-2031	6
Mar-2031	6
Apr-2031	6
May-2031	6
Jun-2031	6
Jul-2031	5
Aug-2031	5
Sep-2031	5
Oct-2031	5
Nov-2031	5
Dec-2031	5
Jan-2032	5
Feb-2032	5
Mar-2032	5
Apr-2032	5
May-2032	5
Jun-2032	5
Jul-2032	5
Aug-2032	5
Sep-2032	5
Oct-2032	5
Nov-2032	5
Dec-2032	5

Month	Gas Volume
Jan-2033	5
Feb-2033	5
Mar-2033	5
Apr-2033	5
May-2033	5
Jun-2033	4
Jul-2033	4
Aug-2033	4
Sep-2033	4
Oct-2033	4
Nov-2033	4
Dec-2033	4
Jan-2034	4
Feb-2034	4
Mar-2034	4
Apr-2034	4
May-2034	4
Jun-2034	4
Jul-2034	4
Aug-2034	4
Sep-2034	4
Oct-2034	4
Nov-2034	4
Dec-2034	4
Jan-2035	4
Feb-2035	4
Mar-2035	4
Apr-2035	4
May-2035	4
Jun-2035	4
Jul-2035	4
Aug-2035	4
Sep-2035	3
Oct-2035	3
Nov-2035	3
Dec-2035	3

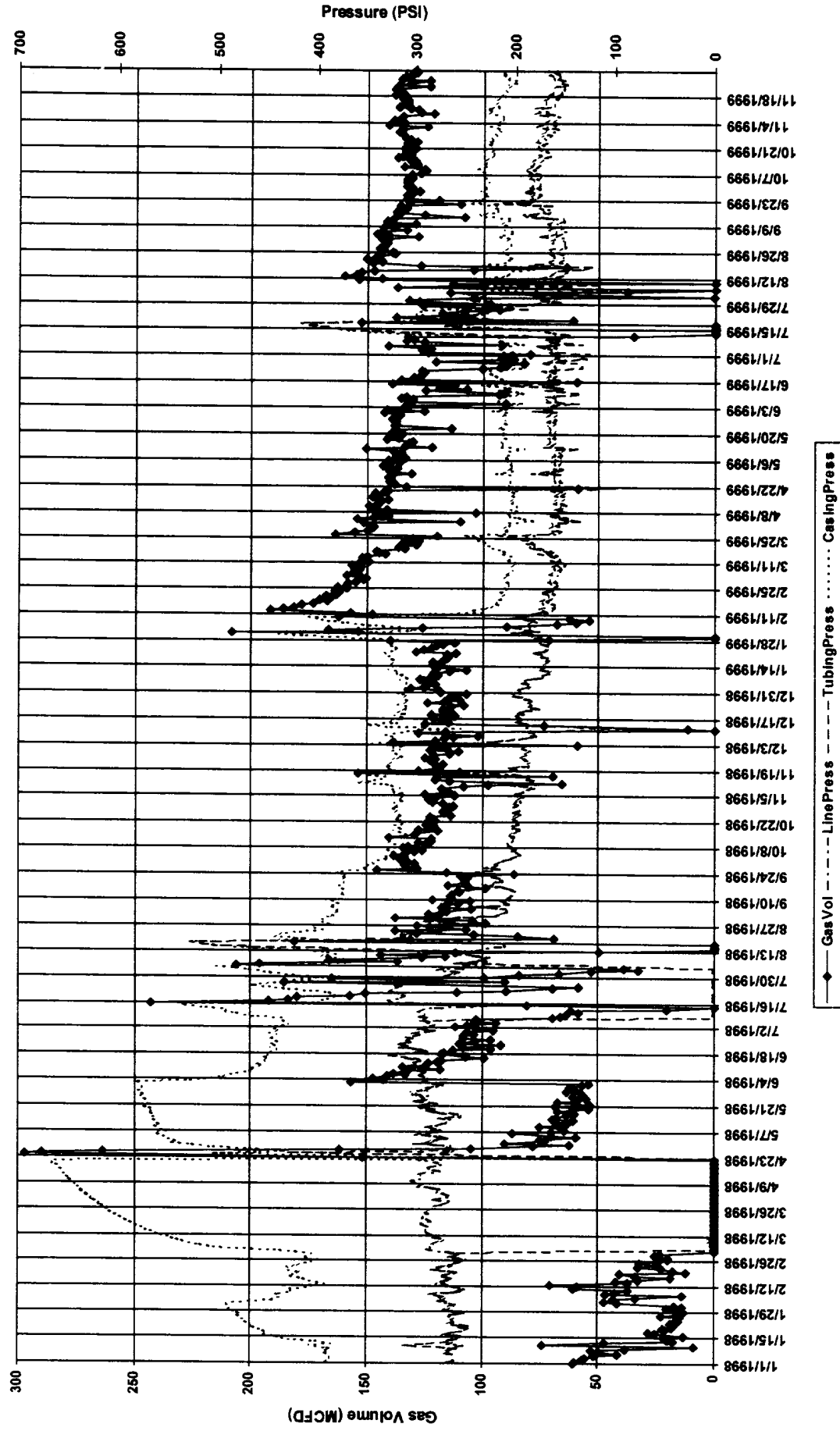
Wellname: **FIELDS 001-DK**

Flacwell: **97943201**

API: **300452288300**

Amoco - OIDB/Synergy Data

Daily Well Production



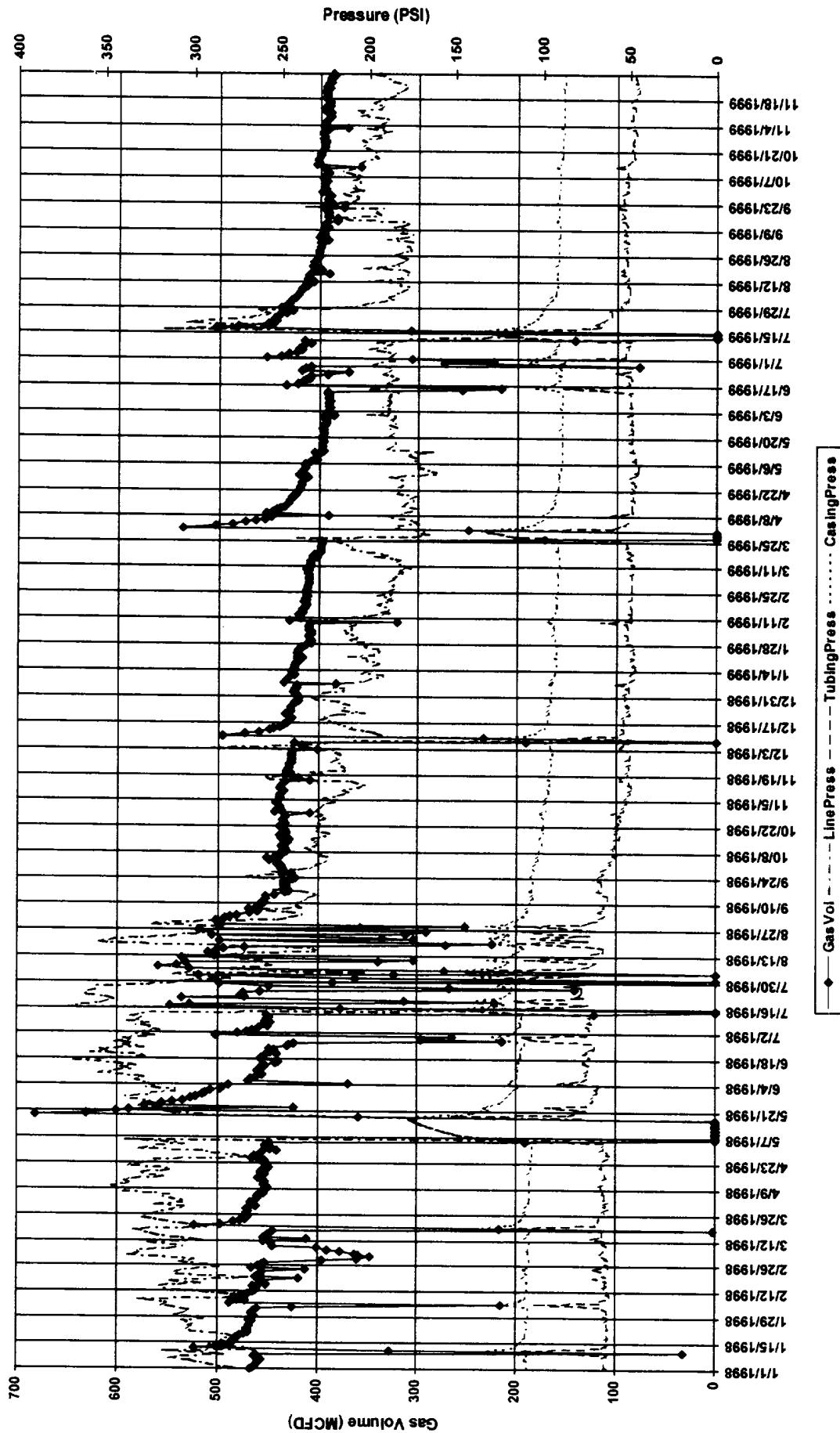
Wellname: **FIELDS A 003A-MV**

Flacwell: **97941601**

API: **300452282500**

Amoco - OIDB/Synergy Data

Daily Well Production



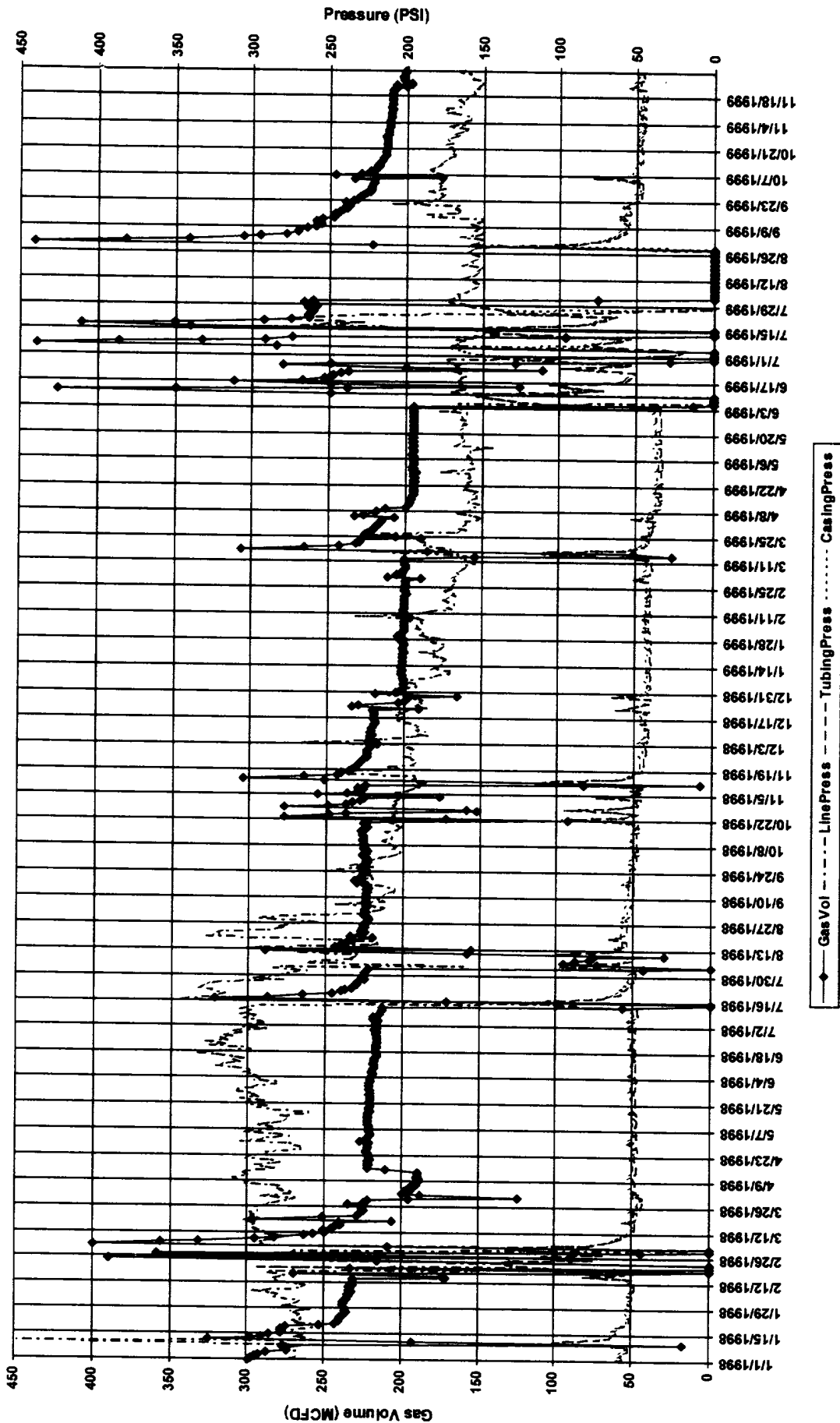
Wellname: FIELDS A 003-MV

Flacwell: 97889201

API: 300451126600

Amoco - OIDB/Synergy Data

Daily Well Production



Fields #1

DK	0.08	PC	0.04
MV	0.07	FT	0.04
		CK	0.04

WELL NAME: **Fields 1**

FORMATION: **DK**

SURFACE PRESS: **405**

PERFS TOP: **7836**

BOTTOM: **7974**

$$(7836 + 7974) / 2 = 7905 \text{ Mid Perf}$$

$$7905 \times 0.08 = 632$$

$$632.4 + 405 = 1037 \text{ Bottom Hole Pressure}$$

Initial Bottom Hole Pressure= **2040**

WELL NAME: **Fields A 3**

FORMATION: **MV**

SURFACE PRESS: **155**

PERFS TOP: **5045**

BOTTOM: **5857**

$$(5045 + 5857) / 2 = 5451 \text{ Mid Perf}$$

$$5451 \times 0.07 = 382$$

$$381.57 + 155 = 537 \text{ Bottom Hole Pressure}$$

Initial Bottom Hole Pressure= **2536**

WELL NAME: **Fields A 3A**

FORMATION: **MV**

SURFACE PRESS: **133**

PERFS TOP: **4518**

BOTTOM: **5596**

$$(4518 + 5596) / 2 = 5057 \text{ Mid Perf}$$

$$5057 \times 0.07 = 354$$

$$353.99 + 133 = 487 \text{ Bottom Hole Pressure}$$

Initial Bottom Hole Pressure= **2430**

WELL NAME: **Fields 1**

FORMATION: **MV**

Initial Bottom Hole Pressure: $(2536 + 2430) / 2 = 2483$

Bottom Hole Pressure: $(537 + 487) / 2 = 512 \text{ est.}$

Fields A 3 + Fields A 3A BBLs $(15 + 533) / 2 = 274 \text{ est. annual production}$

Fields A 3 + Fields A 3A MCF $(79150 + 151761) / 2 = ##### \text{ est. annual production}$

ALLOCATION: SUBTRACTION METHOD