

DISTRICT I

P.O. Box 1989, Hobbs, NM 88241 1980

DISTRICT II

811 South First St. Artesia NM 88210 2835

DISTRICT III

1000 Rio Brazos Rd. Aztec, NM 87410 1693

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429Form C-107-A
New 3-12-96

APPROVAL PROCESS.

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Conoco Inc.

10 Deste Dr. Ste 100W, Midland, Tx. 79705-4500

Operator

Address

Storey COM C

4E

Section 15, T-28-N, R-9-W, G

San Juan

Lease

Well No

Unit Ltr Sec Twp Rge

County

OGRID NO. 005073

Property Code

API NO.

30-045-24685

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)	4133-4698'		6626-6823'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	To Flow		Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing Measured Current All Gas Zones: Estimated Or Measured Original	a (Current) 563 b(Original) 1175	a. b.	715 2423
6. Oil Gravity ("API) or Gas BT Content	1335		1268
7. Producing or Shut-In?	To be Completed		Producing
Production Marginal? (yes or no)	Yes		Yes
• If Shut-In give date 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 • If Producing, date and oil/gas/water rates of recent test (within 60 days)	Date Rates Production to be allocated by Subtraction - See attached table	Date Rates Date Rates	Date Rates Est 1/98 56 MCFD, .7 BOPD, 0 BWPD
8. Fixed Percentage Allocation Formula - % of each zone	% Gas %	% Gas %	% 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?

X Yes ___ No

Yes ___ No

X Yes ___ No

11. Will cross-flow occur? X Yes ___ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flow production be lost?

Howed production be recovered, and will the allocation formula be reliable. X Yes ___ No (If No, attach explanation)

12. Are all produced fluids from all commingled zones compatible with each others X Yes ___ No (If No, attach explanation)

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. X Yes ___ No

15. NMOC Reference Cases for Rule 303(D) Exceptions: ORDER NO(S) _____

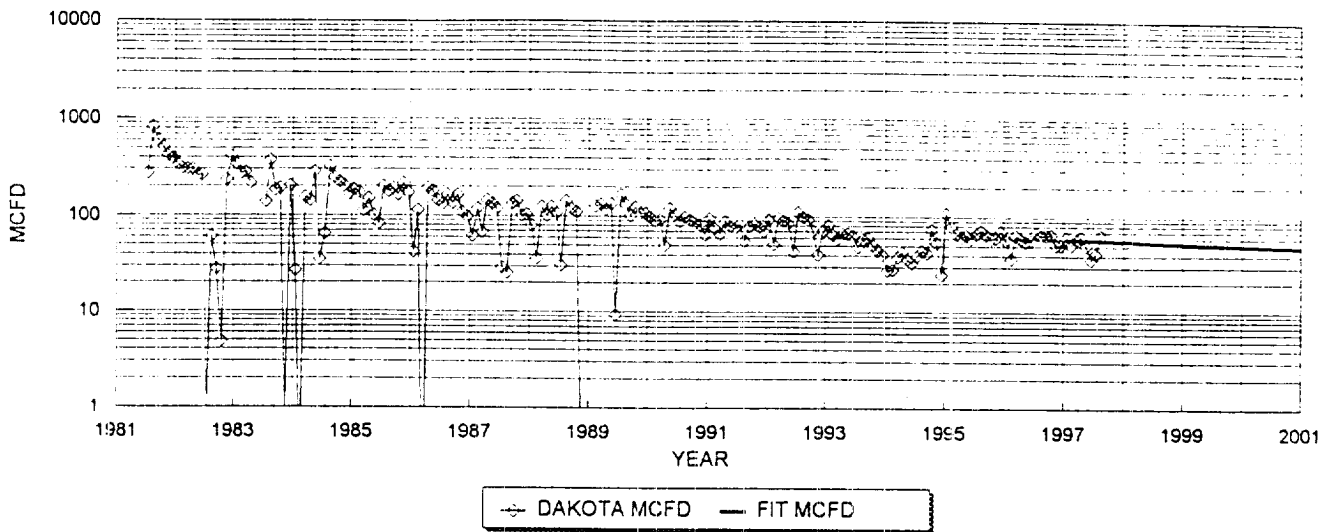
16. ATTACHMENTS
- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
 - Production curve for each zone for at least one year. (If not available, attach explanation.)
 - For zones with no production history, estimated production rates and supporting data.
 - Data to 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 Kay Maddox TITLE Regulatory Agent DATE 2/24/98

TYPE OR PRINT NAME Kay Maddox TELEPHONE NO. (915) 686-5798

STOREY COM C #4E DAKOTA PRODUCTION
SECTION 15G-28N-09W



DAKOTA HISTORICAL DATA:		1ST PROD: 07/81	DAKOTA PROJECTED DATA	
OIL CUM:	9.04	MBO	1/1/98 Q1:	56 MCFD
GAS CUM:	686.1	MMCF	DECLINE RATE:	5.0% (EXPONENTIAL)
CUM OIL YIELD:	0.0132	BBL/MCF		
OIL YIELD:	0.0101	BBL/MCF, LAST 3 YRS		
AVG. USED:	0.0116	BBL/MCF		

PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION

YEAR	MID-YEAR	MID-YEAR
	AVG. MCFD	AVG. BOPD
1998	54.7	0.6
1999	52.0	0.6
2000	49.4	0.6
2001	46.9	0.5
2002	44.6	0.5
2003	42.3	0.5
2004	40.2	0.5
2005	38.2	0.4
2006	36.3	0.4
2007	34.5	0.4
2008	32.8	0.4
2009	31.1	0.4
2010	29.6	0.3
2011	28.1	0.3
2012	26.7	0.3
2013	25.3	0.3
2014	24.1	0.3
2015	22.9	0.3
2016	21.7	0.3
2017	20.6	0.2
2018	19.6	0.2
2019	18.6	0.2
2020	17.7	0.2
2021	16.8	0.2
2022	16.0	0.2
2023	15.2	0.2
2024	14.4	0.2
2025	13.7	0.2
2026	13.0	0.2
2027	12.4	0.1
2028	11.7	0.1
2029	11.2	0.1
2030	10.6	0.1
2031	10.1	0.1
2032	9.6	0.1

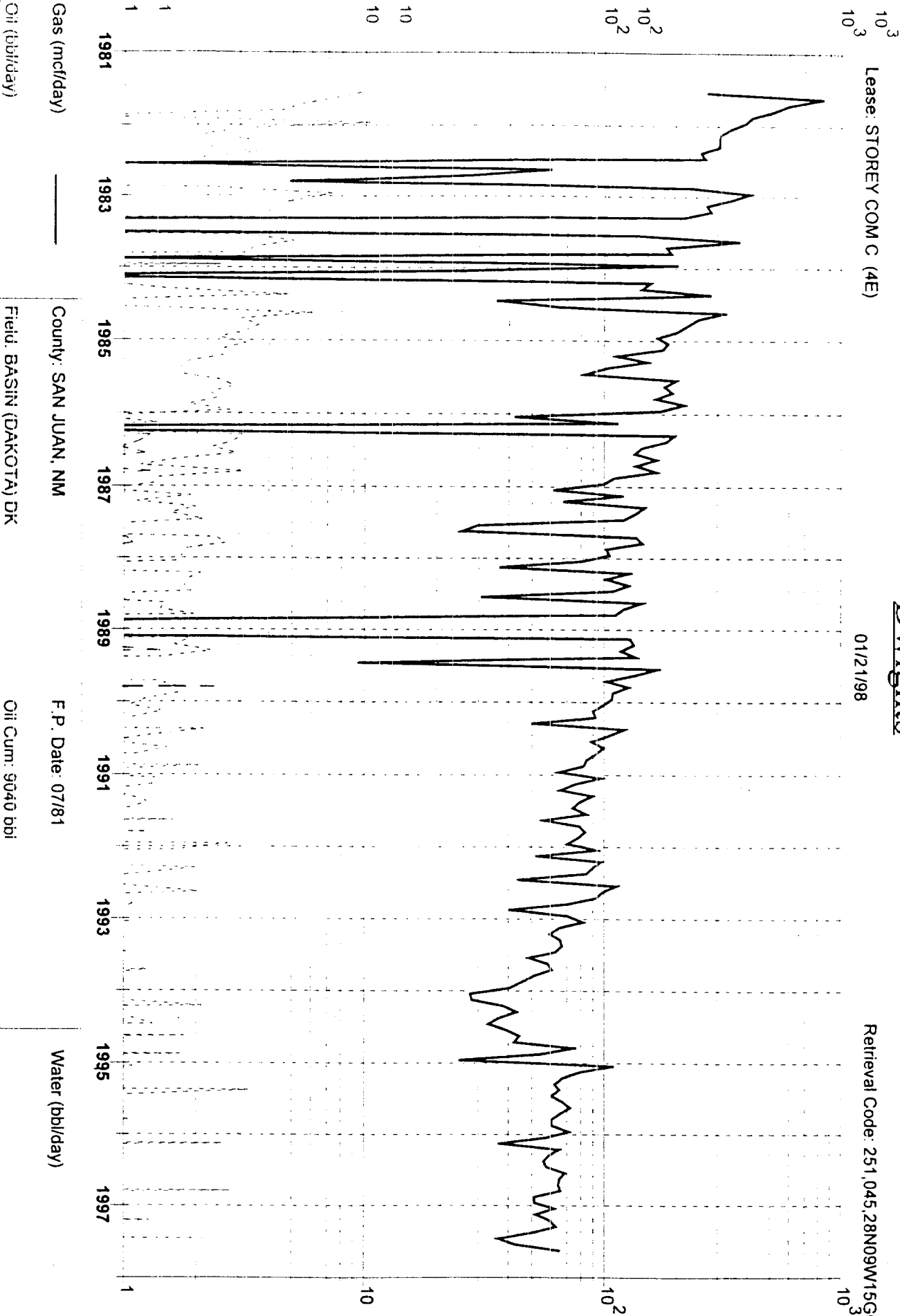
Paradox
9.45
925 FC (411314)

Dwights

Lease: STOREY COM C (4E)

01/21/98

Retrieval Code: 251,045,28N09W15G00DK



Gas (mcf/day)

County: SAN JUAN, NM

F.P. Date: 07/81

Water (bbl/day)

Oil (bbl/day)

Field: BASIN (DAKOTA) DK

Oil Cum: 9040 bbl

Reservoir: DAKOTA

Gas Cum: 686 1 mmcf

Operator: AMOCO PRODUCTION CO

Location: 15G 28N 9W

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

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd. Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1991

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

93 MAR -2 PM 1:33

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-24685		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code		5 Property Name Storey COM C			6 Well Number #4E
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 5918'

10 Surface Location

UL or lot no. G	Section 15	Township 28N	Range 9W	Lot Idn	Feet from the 1790	North/South line North	Feet from the 1540'	East/West line East	County San Juan
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11 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
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12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <i>Kay Maddox</i> Kay Maddox Printed Name Regulatory Agent Title 2/24/98 Date			
				18 SURVEYOR 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 belief. Date of Survey Signature and Seal of Professional Surveyor Certificate Number			

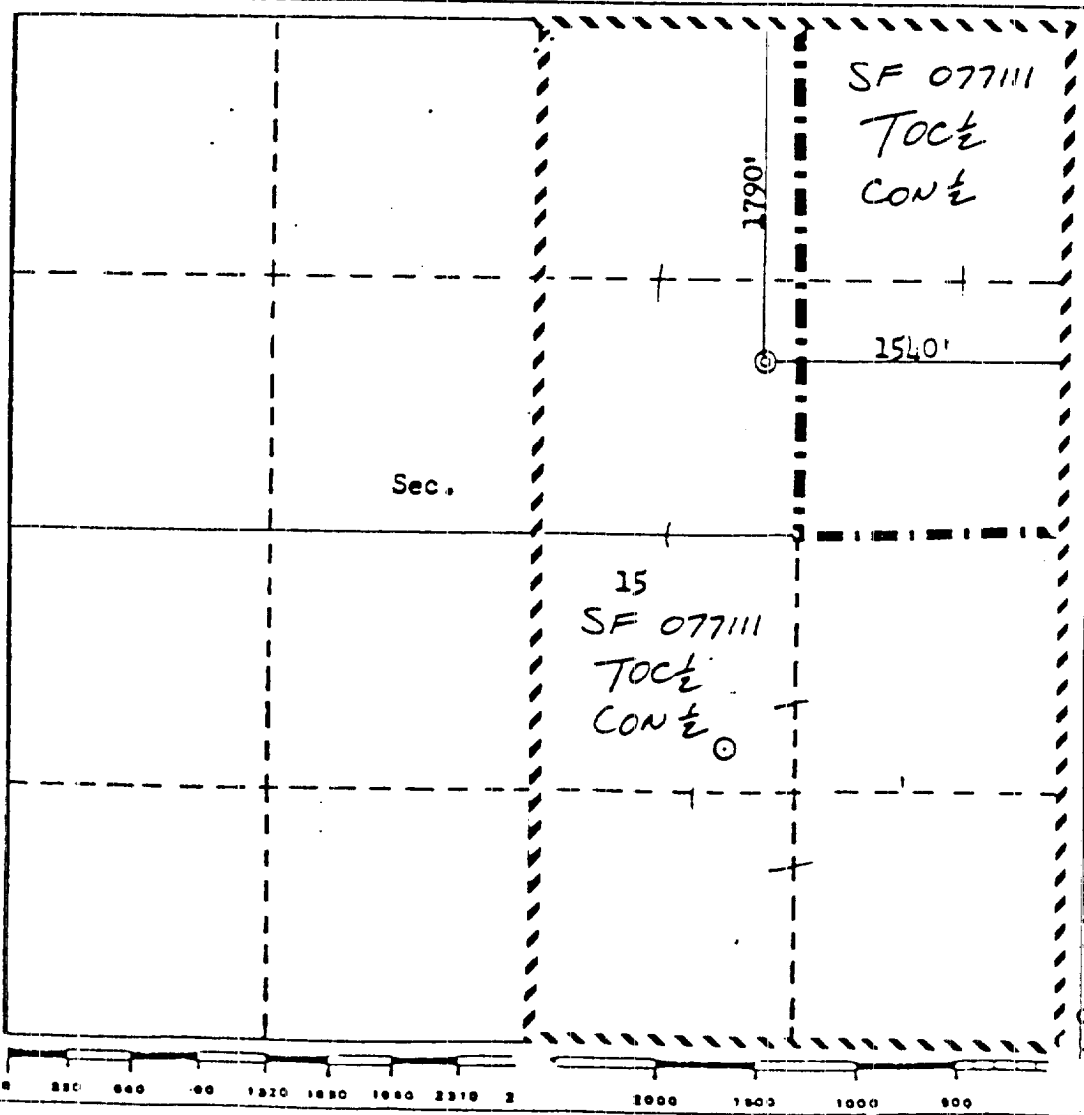
All distances must be from the center boundaries of the Section.

Operator TENNECO OIL COMPANY			Lease STOREY COM C			Well No. LE
Unit Letter Q	Section 15	Township 28N	Range 9W	County San Juan		3152-2 PM 1:38
Actual Footage Location of Well:						
1790		feet from the	North	line and	1540	feet from the
Ground Level Elev. 5918		Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 320
						Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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	<i>R. A. Mishler</i> R. A. Mishler
Position	Sr. Production Analyst
Company	Tenneco Oil Company
Date	October 20, 1980
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	August 6, 1980
Registered Professional Engineer and/or Land Surveyor	
<i>[Signature]</i> FRED B. KEYSER Certified 1978 & 1980	
3950	

Ccnoco, Inc.
10 Desta Dr Ste 100W
Midland, TX 79705

Re: Application to Downhole Commingle C-107A
Storey COM C #4E, Section 15, T-28-N, R-9-W, G
San Juan County, New Mexico

Notification Of Offset Operators:

Amoco
PO Box 800
Denver, CO 80201

Burlington Resources
PO Box 4289
Farmington, NM 87499

West Largo Corp.
6638 W. Ottawa Ave STE 100
Littleton, Co 80123

S&G Interests
811 Dallas STE 1505
Houston, TX 77002

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other	7. If Unit or CA, Agreement Designation I-SEC-942 (MV) SLM-1568 (LK)
2. Name of Operator CONOCO INC.	8. Well Name and No. Storey COM C # 4E
3. Address and Telephone No. 10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424	9. API Well No. 30-045-24685
4. Location of Well (Footage, Sec., T., R., M. or Survey Description) Section 15, T-28-N, R-9-W, G 1790 FNL & 1540 FEL	10. Field and Pool, or Exploratory Area Blanco Mesaverde, Basin Dakota
	11. County or Parish, State San Juan

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
☒ Notice of Intent	☐ Abandonment
☐ Subsequent Repon	☐ Recompletion
☐ Final Abandonment Notice	☐ Plugging Back
	☐ Casing Repair
	☐ Altering Casing
	☒ Other Downhole Commingle
	☐ Change of Plans
	☐ New Construction
	☐ Non-Routine Fracuring
	☐ Water Shut-Off
	☐ Conversion to Injection
	☐ Dispose Water

(Note: Repon results of multiple completion on Wd: Completion or Recompletion Report and Log form.)

3. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to downhole commingle this well in the Mesaverde & Dakot.

RECEIVED
OCT 25 1998
OIL COR. DIV.
POST 3

14. I hereby certify that the foregoing is true and correct		Kay Maddox	
Signed <u>Kay Maddox</u>	Title <u>Regulatory Agent</u>	Date <u>2/24/98</u>	
(This space for Federal or State office use)			
Approved by <u>Jim Jorako</u>	Title <u>Acting Team Lead</u>	Date <u>10/9/98</u>	
Conditions of approval if any:			

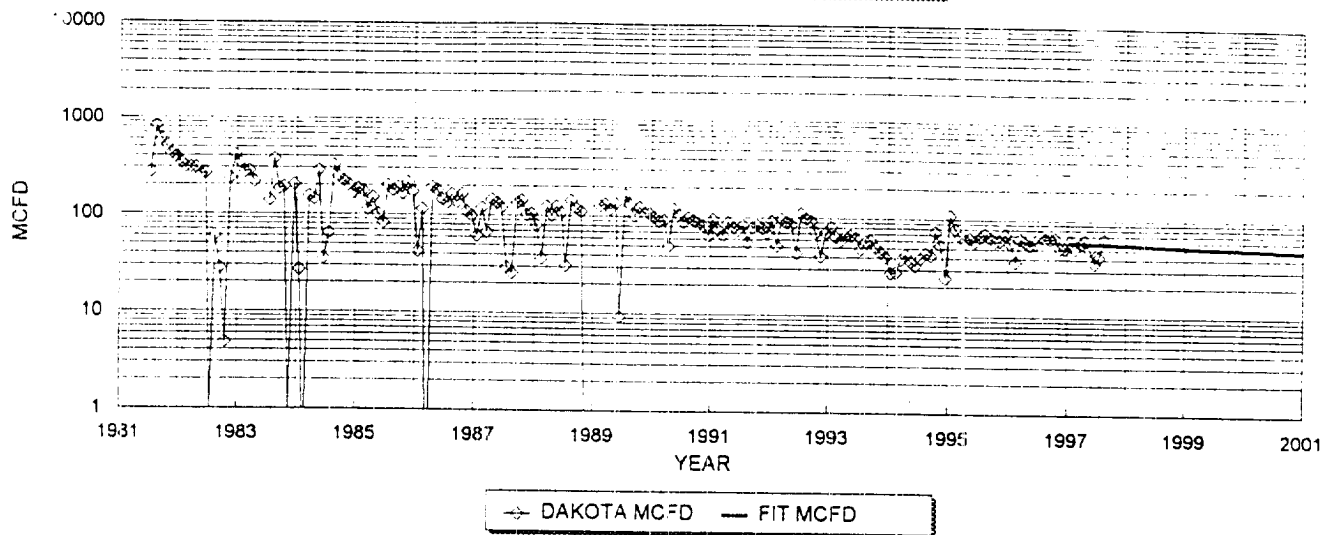
BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

NMOCD

STOREY COM C #4E DAKOTA PRODUCTION
SECTION 15G-28N-09W



DAKOTA HISTORICAL DATA:		1ST PROD: 07/81	DAKOTA PROJECTED DATA	
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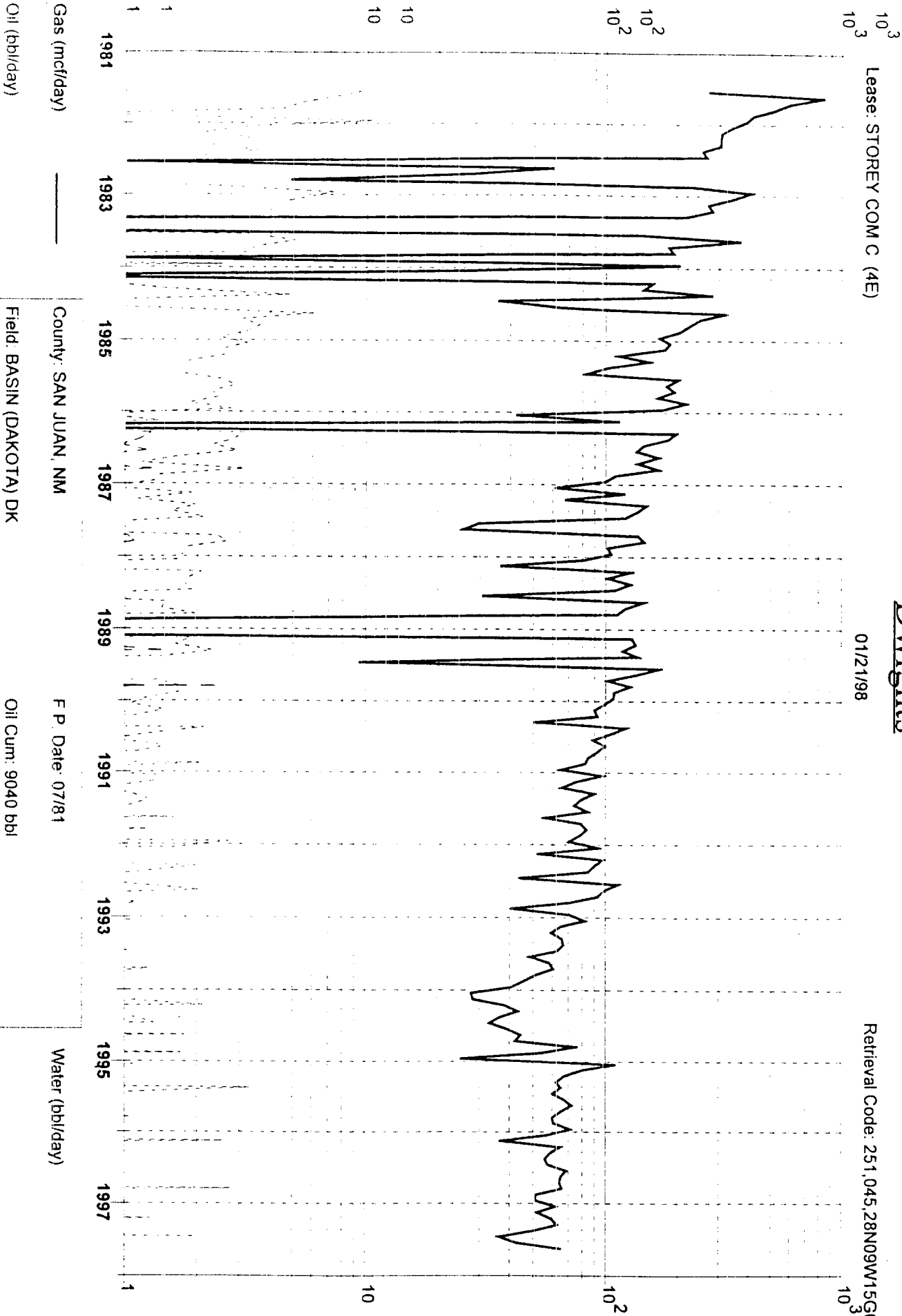
RECEIVED
OCT 28 1998
OIL SERVICE DIV.

Dwights

Lease: STOREY COM C (4E)

01/21/98

Retrieval Code: 251,045,28N09W15G00DK



Gas (mcf/day)

County: SAN JUAN, NM

F.P. Date: 07/81

Water (bbl/day)

Oil (bbl/day)

Field: BASIN (DAKOTA) DK

Oil Cum: 9040 bbl

Reservoir: DAKOTA

Gas Cum: 686.1 mmcf

Operator: AMOCO PRODUCTION CO

Location: 15G 28N 9W

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PO Drawer DD, Artesia, NM 88211-0719
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1000 Rio Brazos Rd. Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

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7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 5918'

10 Surface Location

UL or lot no. G	Section 15	Township 28N	Range 9W	Lot Idn	Feet from the 1790	North/South line North	Feet from the 1540'	East/West line East	County San Juan
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11 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
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12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Kay Maddox Printed Name Regulatory Agent Title 2/24/98 Date	
				18 SURVEYOR 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 belief. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number	

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

Operator TENNECO OIL COMPANY		Lease STOREY COM C		Well No. LE
Unit Letter G	Section 15	Township 28N	Range 9W	County San Juan
Actual Footage Location of Well: 1790 feet from the North line and 1540 feet from the East line				
Ground Level Elev. 5918	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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).
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☐ 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.) _____

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Sec. 1790' 1540' SF 077111 TOC $\frac{1}{2}$ CON $\frac{1}{2}$ 15 SF 077111 TOC $\frac{1}{2}$ CON $\frac{1}{2}$	CERTIFICATION
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
	Name R. A. Mishler
	Position Sr. Production Analyst
	Company Tenneco Oil Company
Date October 20, 1980	
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 Survey August 5, 1980	
Registered Professional Engineer and/or Land Surveyor Fred B. Kopp	
Certificate No. 3950	