

| | | | | | |
|--------------------|----------------|----------------|-----------------|-------------------------------|----------------------|
| DATE IN 8/12/02 | SUSPENSE NA | ENGINEER WJ | LOGGED IN KN | TYPE AMEND DHC #1785 | APP NO. 223137970 |
|--------------------|----------------|----------------|-----------------|-------------------------------|----------------------|

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [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 - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [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

- [D] Other: Specify _____

[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] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Yolanda Perez
 Print or Type Name

Yolanda Perez
 Signature

Sr. Regulatory Analyst
 Title

8/18/02
 Date

yolanda.perez@conoco.com
 e-mail Address

RECEIVED
 AUG 12 2002
 Oil Conservation Division



Yolanda Perez
Sr. Regulatory Analyst
San Juan Asset Team
Exploration-Production USSA

Conoco Inc.
600 N. Dairy Ashford, DU 3084
Houston, TX 77079-6651
(281) 293-1613 fax (281) 293-5090

August 8, 2002

New Mexico Oil Conservation Division
1220 So. St. Francis Drive
Santa Fe, NM 87505

Attention: David Catanach

**RE: Amend DHC Order #1785
Jicarilla "B" No. 9A
API No. 30-039-06327
Unit D, Sec. 26, T26N, R4W
Rio Arriba County, New Mexico**

RECEIVED

AUG 12 2002

Oil Conservation Division

Dear Mr. Catanach,

Conoco Inc. is submitting the attached form C107A, along with supporting documentation, to amend the above-mentioned DHC Order. A copy of the Administrative Order DHC-11785 is also enclosed. Conoco now wishes to DHC the Blanco Mesaverde (72319) and Basin Dakota (71599) pools only and eliminate the Tapacito Pictured Cliffs (85920). This is a pre-approved pool combination. Interest owners are identical in both pools.

If you have any questions and/or comments, please call me at (281) 293-1613 or email yolanda.perez@conoco.com.

Sincerely,

Yolanda Perez
Sr. Regulatory Analyst
Lobo/San Juan Asset

Enclosures

District I
1625 N. French Drive, Hobbs, NM 68240

District II
811 South First Street, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals, and Natural Resources Department

Form C-107A
Revised May 15, 2000

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION TYPE

☒ Single Well

☒ Established Pre-Approved Pools

EXISTING WELLBORE

☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Conoco Inc. P. O. Box 2197, DU 3084 Houston, TX 77252-2197
Operator Address
JICARILLA B 9A D, Sec. 26, T26N, R4W RIO ARRIBA
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 005073 Property Code 18018 API No. 30-039-06327 Lease Type ☒ Federal ☐ State ☐ Fee

| DATA ELEMENT | UPPER ZONE | INTERMEDIATE ZONE | LOWER ZONE |
|--|-------------------------------------|-------------------------|-------------------------------------|
| Pool Name | Blanco Mesaverde | | Wildhorse Dakota |
| Pool Code | 72319 | | 64300 |
| Top and Bottom of Pay Section (Perforated or Open-Hole Interval) | 5663-5758' | | 7725-8000' |
| Method of Production (Flowing or Artificial Lift) | Flowing | | Flowing |
| Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone) | 450 | | 750 |
| Oil Gravity or Gas BTU (Degree API or Gas BTU) | 1245 BTU/SCF | | 1310 BTU/SCF |
| Producing, Shut-in or New Zone | Producing | | Producing |
| 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.) | Date: 02/01/1998 Rates: 43 MCFPD | Date: / /0000 Rates: | Date: 02/01/1998 Rates: 85 MCFPD |
| Fixed Allocation Percentage (Note: If allocation is based upon something other than current or part production, supporting data or explanation will be required.) | Oil Gas 90 % 34 % | Oil Gas % % | Oil Gas 10 % 66 % |

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingling zones? Yes ☒ No ☐
If not, have all working royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐

Are all produced fluids from all commingling zones compatible with each other? Yes ☒ No ☐

Will commingling decrease the value of production? Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: Administrative Order DHC-1785

- 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 working, royalty and overriding royalty interests for uncommon interest cases.
 - Any additional statements, data or documents required to support commingling.

Pre-Approved Pools

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Yolanda Perez TITLE Sr. Regulatory Analyst DATE 08/08/2002

TYPE OR PRINT NAME Yolanda Perez TELEPHONE NO. (281)293-1613

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Revised February 21, 1994

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

OIL CONSERVATION DIVISION

instructions on back

District III
1000 Rio Brazos Rd. Aztec, NM 87410

PO Box 2088

Submit to Appropriate District Office

Santa Fe, NM 87504-2088

State Lease - 4 Copies

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

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|----------------------------|--|---|--|---------------------------------|----------------------|
| API Number 30-039-06327 | | 2 Pool Code 72319 | | 3 Pool Name Blanco Mesaverde | |
| 4 Property Code 18018 | | 5 Property Name Jicarilla B | | | 6 Well Number #9A |
| 7 OGRID No. 005073 | | 8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500 | | | 9 Elevation 6886' |

10 Surface Location

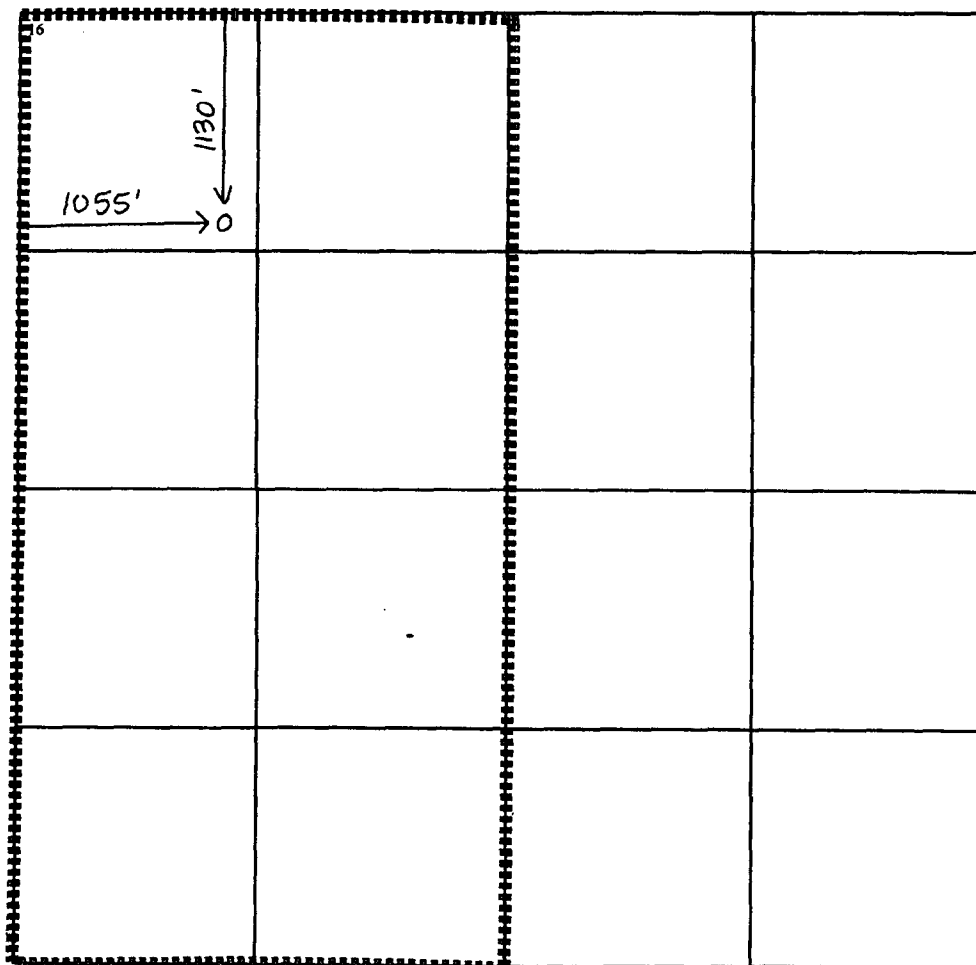
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
| D | 26 | 26N | 4w | | 1130 | North | 1055 | West | Rio Arriba |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| | | | |
|---------------------------|--------------------|-----------------------|--------------|
| 12 Dedicated Acres 320 | 13 Joint or Infill | 14 Consolidation Code | 15 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



17 OPERATOR CERTIFICATION

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

Kay Maddox
Signature
Kay Maddox
Printed Name
Regulatory Agent
Title
December 8, 1997
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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Revised February 21, 1994
instructions on back

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

OIL CONSERVATION DIVISION

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District III
1000 Rio Brazos Rd. Aztec, NM 87410

PO Box 2088
Santa Fe, NM 87504-2088

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | |
|----------------------------|---|----------------------|---------------------------------|
| API Number 30-039-06327 | | 2 Pool Code 64300 | 3 Pool Name Wildhorse Dakota |
| 4 Property Code 18018 | 5 Property Name Jicarilla B | | 6 Well Number #9A |
| 7 OGRID No. 005073 | 8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500 | | 9 Elevation 6886' |

10 Surface Location

| 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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| 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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|---------------------------|--------------------|-----------------------|--------------|

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

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |

17 OPERATOR CERTIFICATION

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

Kay Maddox
Signature

Kay Maddox

Printed Name
Regulatory Agent

Title
December 8, 1997

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:

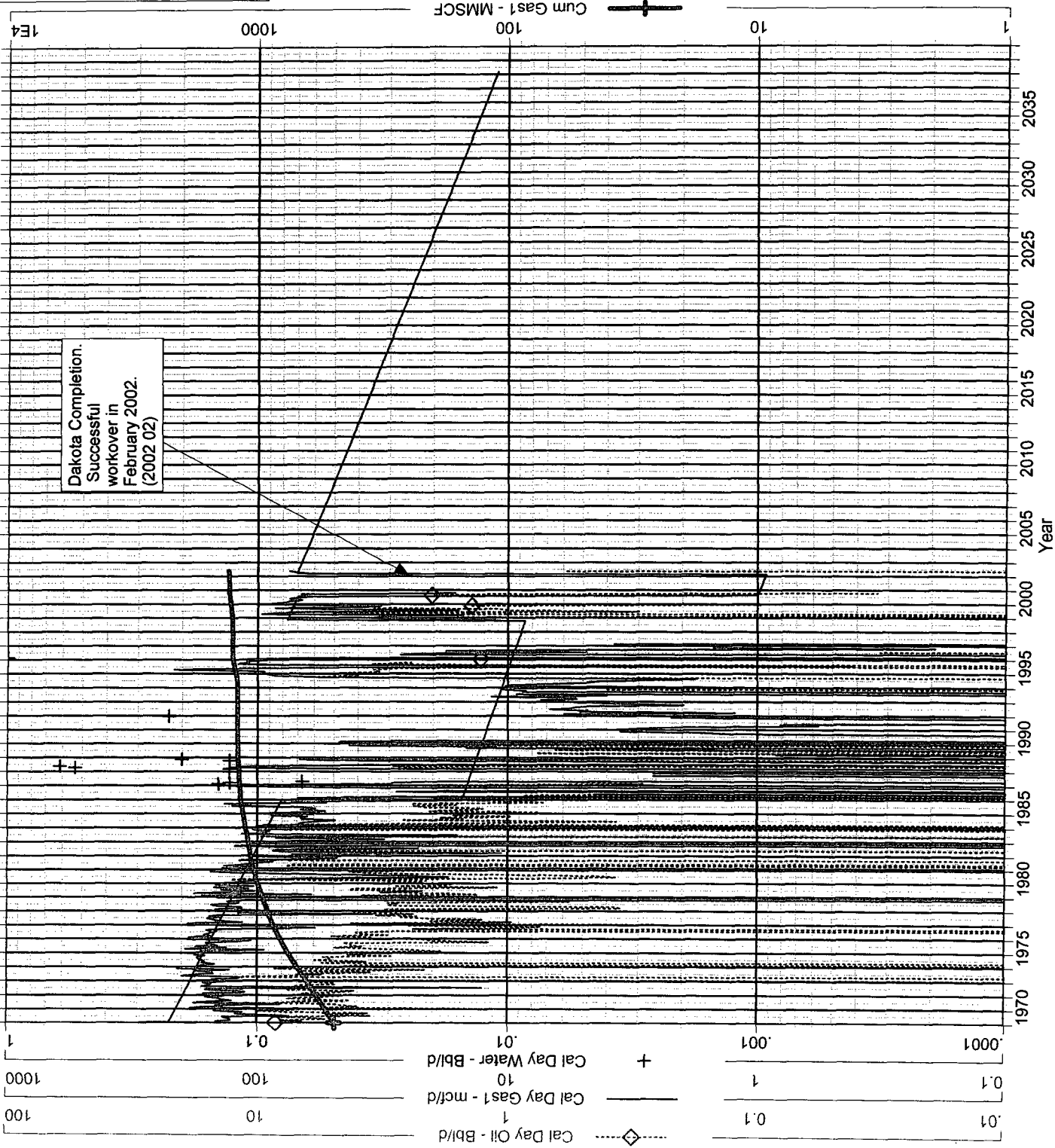
Certificate Number

JICARILLA B - 9A_DK (1884862) Data: Jan. 1970-May 2002

Operator: CONOCO INC
Field: WILD HORSE (DAKOTA) DK
Zone: DAKOTA
Type: Gas
Group: None

Cal Day Gas FC 1 (Rate-Time)
qi: 223.692 mcf/d, Jan, 1970
qf: 11.0223 mcf/d, Mar, 2038
di(Exp): 6.20625 CTD: 1302.3 MMSCF
RR: 413.777 MMSCF Tot: 1716.07 MMSCF

Production Cums
Oil: 66.762 MSTB
Gas: 1302.3 MMSCF
Water: 0.126 MSTB
Cond: 0.522 MSTB



Cal Day Oil - Bbl/d

Cum: 66.762 MSTB

Cal Day Gas - mcf/d

Cum: 1302.3 MMSCF

Cal Day Gas FC 1 - mcf/d

versus time

Qi: 223.692 mcf/d, Jan, 1970

Qf: 11.0223 mcf/d, Mar, 2038

Di(Exponential) : 6.20625

RR: 413.777 MMSCF

EUR: 1716.07 MMSCF

Corr coeff: N/A

Cal Day Water - Bbl/d

Cum: 0.126 MSTB

Cum Gas - MMSCF

Cum: 0

JICARILLA B - 9A_MV (1884873) Data: Jun. 1995-May.2002

Operator: CONOCO INC
Field: BLANCO (MESAVERDE) MV
Zone: MESAVERDE
Type: Other
Group: None

Cal Day Gas FC 1 (Rate-Time)
qi: 73.0527 mcf/d, Jun, 1995
qf: 9.00627 mcf/d, Sep, 2026
di(Hyp): 18.4764 CTD: 79.8962 MMSCF
RR: 156.555 MMSCF Tot: 236.452 MMSCF

Production Cums
Oil: 0.478 MSTB
Gas: 79.8962 MMSCF
Water: 0.066 MSTB
Cond: 0 MSTB

Cal Day Oil - Bbl/d

Cum: 0.478 MSTB

Cal Day Gas1 - mcf/d

Cum: 79.8962 MMSCF

Cal Day Gas FC 1 - mcf/d

versus time

Qi: 73.0527 mcf/d, Jun, 1995

Qf: 9.00627 mcf/d, Sep, 2026

Di(Hyperbolic) : 18.4764

ni: 1.2

RR: 156.555 MMSCF

EUR: 236.452 MMSCF

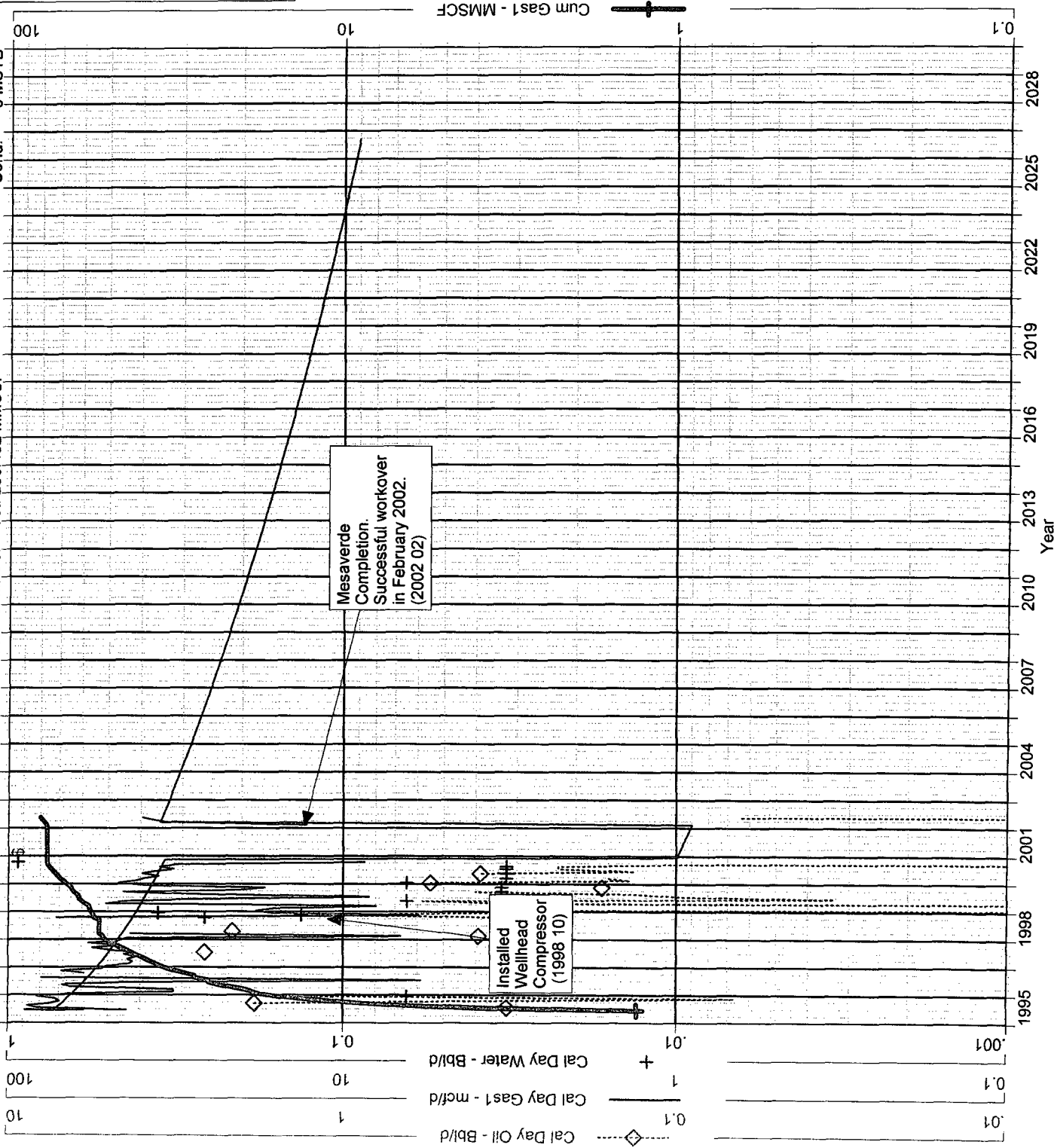
Corr coeff: N/A

Cal Day Water - Bbl/d

Cum: 0.066 MSTB

Cal Day Gas1 - MMSCF

Cum: 0





NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

ADMINISTRATIVE ORDER DHC-1785

Conoco Inc.
10 Desta Drive
Suite 100W
Midland, Texas 79705-4500

Attention: Ms. Kay Maddox

RECEIVED
FEB 27 1998

OIL CON. DIV.
DIST. 3

*Jicarilla "B" Well No. 9A
API No. 30-039-06327
Unit D, Section 26, Township 26 North, Range 4 West, NMPM,
Rio Arriba County, New Mexico.
Blanco-Mesaverde (Prorated Gas - 72319),
Tapacito-Pictured Cliffs (Prorated Gas - 85920) and
Wildhorse-Dakota (Oil-64300) Pools*

Dear Ms. Maddox:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

| | | |
|-----------------------------------|---------|---------|
| Tapacito-Pictured Cliffs Gas Pool | Gas 16% | Oil 0% |
| Blanco-Mesaverde Gas Pool | Gas 29% | Oil 10% |
| Wildhorse-Dakota Pool | Gas 55% | Oil 90% |

Administrative Order DHC-1785

Conoco Inc.

February 24, 1998

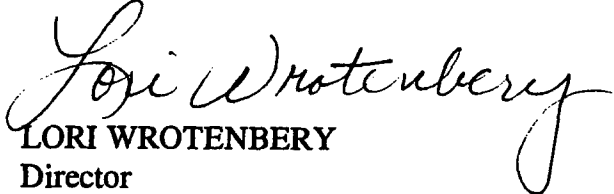
Page 2

REMARKS: The operator shall notify the Aztec District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303.H., the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 24th day of February, 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


LORI WROTENBERY
Director

S E A L

LW/DRC

cc: Oil Conservation Division - Aztec /
Bureau of Land Management-Farmington