

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

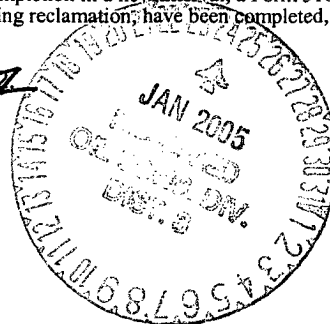
| | | |
|--|---|--|
| 1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 5. Lease Serial No. JIC 109 |
| 2. Name of Operator CDX GAS, LLC. | | 6. If Indian, Allottee or Tribe Name JICARILLA APACHE |
| Contact: ENID GRUBB E-Mail: ENID.GRUBB@CDXGAS.COM | | 7. If Unit or CA/Agreement, Name and/or No. |
| 3a. Address 4801 N. BUTLER AVE., SUITE 2000 FARMINGTON, NM 87401 | 3b. Phone No. (include area code) Ph: 505-326-3003 | 8. Well Name and No. JICARILLA B 2 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 16 T26N R5W NWNW 1305FNL 780FWL | | 9. API Well No. 30-039-27833 08/35 |
| | | 10. Field and Pool, or Exploratory TAPICITO GP / BASIN DK |
| | | 11. County or Parish, and State RIO ARRIBA COUNTY, NM |

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | Subsurface Commingling |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Application for permit to Downhole Commingle per Administrative Order DHC-1605A



| | |
|---|----------------------------|
| 14. I hereby certify that the foregoing is true and correct. | |
| Electronic Submission #52692 verified by the BLM Well Information System For CDX GAS, LLC., sent to the Farmington Committed to AFMSS for processing by ANGIE MEDINA-JONES on 01/12/2005 () | |
| Name (Printed/Typed) ENID GRUBB | Title AUTHORIZED SIGNATURE |
| Signature (Electronic Submission) | Date 01/06/2005 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|-----------------------------|---------------------|
| Approved By | Division of Multi-Resources | JAN 20 2005 Date |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | | Office |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

| | | |
|--|--|--|
| SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) | | WELL API NO. 30-039-08135 |
| 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other | | 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/> |
| 2. Name of Operator CDX RIO, LLC | | 6. State Oil & Gas Lease No. Indian / Federal Jicarilla Contract 109 |
| 3. Address of Operator 4801 North Butler Ave., Suite 2000 Farmington, NM 87401 | | 7. Lease Name or Unit Agreement Name Jicarilla B |
| 4. Well Location Unit Letter M : 815 feet from the South line and 845 feet from the West line Section 16 Township 26N Range 5W NMPM County Rio Arriba | | 8. Well Number 2 |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6549 GR | | 9. OGRID Number 222374 |
| Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> | | 10. Pool name or Wildcat Blanco Mesaverde / Basin Dakota |
| Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ | | |
| Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____ | | |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: **Down-Hole Commingle; Pre-Approved Pools** ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

CDX RIO, LLC request approval to down-hole commingle the subject well. CDX plans to down-hole commingle the Basin Dakota (71599) and the Blanco Mesaverde (72319) pools in this wellbore. These are pre-approved pools as per NMOCDC Order#11363.

The Mesaverde will be perforated 5143 - 5375 & 4675 - 4950, Frac stimulated and tested. Production allocation for the two pools will be determined by the subtraction method.

The commingling of the Basin Dakota and Blanco Mesa Verde pools in this wellbore will not reduce the value of the remaining production. Commingling these pools should increase the value of the remaining reserves due to the using the combined reservoir energy to produce the well. Commingling operations conducted on other similar wells have resulted in increased production rates and greater reserves that producing the zones separately.

The working, overriding, and royalty interest owners in the two pools affected by this commingle are identical, therefore no notification of this application need be submitted via certified mail (return receipt).

A copy of this application has been forwarded to the Bureau of Land Management.

DHC 160542

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCDC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE *Robert Lemmons* TITLE Operations Engineer DATE 8-20-04

Robert Lemmons

E-mail address: rob.lemmons@cdxgas.com

Telephone No. 505-326-3003

Original Filed by: [illegible]

RECEIVED BY: [illegible]

AUG 20 2004

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 Jicarilla "B" | | Well No. 2 |
| Unit Letter M | Section 16 | Township 26 N | Range 5 W | County Rio Arriba | |
| Actual Footage Location of Well: 815 feet from the south line and 845 feet from the west line | | | | | |
| Ground Level Elev. 6549 | Producing Formation Basin Dakota | | Pool Basin Dakota | Dedicated Acreage: 320 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.) None

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.

Note: Corrected Dedication Plat: Previous dedication plat showed erroneous acreage dedicated. Below is corrected.

Section 16

X

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
Signed By
R. E. Siverson

Name

R. E. Siverson

Position

Dist. Production Supt.

Company

Tenneco Oil Company

Date

April 1, 1965

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.

RECEIVED

Date Surveyed **APR 5 1965**

November 01, 1964 COM.
Registered Professional Engineer
and/or Land Surveyor **DIST. 3**

Robert H. Ernst

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

New Mexico PS&LS 2463

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---|--|---|
| ¹ API Number 30-039-08135 | ² Pool Code 82329 | ³ Pool Name BLANCO MESAVERDE & BASIN DAKOTA |
| ⁴ Property Code | ⁵ Property Name JICARILLA CONTRACT B | ⁶ Well Number 2 |
| ⁷ OGRID No. 222374 | ⁸ Operator Name CDX RIO, LLC | ⁹ Elevation 6549 GR |

¹⁰ Surface Location

| | | | | | | | | | |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|----------------------|
| UL or lot no. M | Section 16 | Township 26N | Range R5W | Lot Idn | Feet from the 815 | North/South line SOUTH | Feet from the 845 | East/West line WEST | County 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 390 | 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. | | | |
| | Signature Printed Name Robert Lemmons Title and E-mail Address Operations Engineer, rob.lemmons@cdxgas.com Date 8/20/04 | | | |
| | 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 April 1, 1965 Signature and Seal of Professional Surveyor: ON FILE Certificate Number 2463 | | | |

'JICARILLA B 002-DK' (8/21/03 - 8/20/04)

