

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

## 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  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator CDX Rio, LLC

3a. Address  
4801 N. Butler, Suite 2000, Farmington NM 874013b. Phone No. (include area code)  
505-326-30034. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2,365' FNL & 790' FEL  
Unit H, Sec 17, T26N, R5W

5. Lease Serial No.

Jicarilla Cont. 110

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Jicarilla Contract A #8

9. API Well No.

30-039-08163

10. Field and Pool, or Exploratory Area

Dakota-Mesaverde-Gallup

11. County or Parish, State

Rio Arriba, NM

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

## TYPE OF SUBMISSION

- ☒
- Notice of Intent
- 
- ☐
- Subsequent Report
- 
- ☐
- Final Abandonment Notice

## TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input checked="" type="checkbox"/> Recomplete     | <input type="checkbox"/> Other          |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
| <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 recompleate 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 recompleation 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.)

## Proposed operation

1. Run bit and casing scraper to PBTD.
2. Run GR/CBL log across Mesaverde.
3. Cement squeeze as necessary (notify the BLM before any cementing operations).
4. Set 4 1/2" CIBP at 5595'.
5. Pressure test casing to 1000 psi. Prepare wellbore to frac down tubing.
6. Fracture stimulate Point Lookout and Lower Menefee (5150-5440, 25 shots).
7. Flowback frac and allow well to log off.
8. Set 4 1/2" BP at 5110'.
9. Fracture stimulate Cliffhouse and Upper Menefee (4775-4975, 25 shots).
10. Flowback frac and allow well to log off.
11. Drill out bridge plug.
12. Flow test the Mesaverde.
13. Drill out BP over Dakota and Gallup
14. Place on production as a commingled Dakota, Gallup, and Mesaverde producer.

## CONDITIONS OF APPROVAL

Adhere to previously issued stipulations  
14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

David C. Smith

Signature

Title Production Engineer

Date

05/09/2005

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

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.

(Instructions on page 2)

NMOCD

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**

<sup>1</sup> API Number 30-039-08163		<sup>2</sup> Pool Code 71599 / 58090 / 72319		<sup>3</sup> Pool Name BASIN DAKOTA & TAPACITO GALLUP & BLANCO MESAVERDE	
<sup>4</sup> Property Code <b>33454</b>		<sup>5</sup> Property Name JICARILLA 'A'			<sup>6</sup> Well Number 8
<sup>7</sup> OGRID No. 222374		<sup>8</sup> Operator Name CDX RIO, LLC			<sup>9</sup> Elevation 6615 GR

<sup>10</sup> **Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	17	26N	5W		2365	NORTH	790	EAST	RIO ARRIBA

<sup>11</sup> **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

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

	<p><sup>17</sup> <b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature: </p> <p>Printed Name: David Smith</p> <p>Title and E-mail Address: Production Engineer, dave.smith@cdxgas.com</p> <p>Date: 5/9/05</p>	
	<p><sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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.</p> <p>Date of Survey: June 28, 1966</p> <p>Signature and Seal of Professional Surveyor:</p>	
	<p>ON FILE</p>	
	<p>Certificate Number: 2463</p>	

**District I**

1625 W. French Drive, Hobbs, NM 88240

**District II**

1301 W. Grand Avenue, Artesia, NM 88210

**District III**

1000 Rio Brazos Road, Aztec, NM 87410

**District IV**

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

State of New Mexico  
Energy, Minerals and Natural Resources DepartmentForm C-107A  
Revised June 10, 2003**Oil Conservation Division**

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

**APPLICATION FOR DOWNHOLE COMMINGLING****APPLICATION TYPE**☒ Single Well☐ Establish Pre-Approved Pools**EXISTING WELLBORE**☒ Yes ☐ No

070 FARMINGTON NM

**CDX RIO, LLC**

4801 North Butler Ave., Suite 2000, Farmington, NM 87401

Operator

Address

**JICARILLA CONTRACT A**

#8

H-17-T26N-R5W

**RIO ARRIBA**

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No 222374 Property Code 33454 API No. 30-039-08163 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	BLANCO MESAVERDE	TAPACITO GALLUP	BASIN DAKOTA
Pool Code	72319	58090	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	4,775 - 5,440	6,814 - 6,818	7,312 - 7,541
Method of Production (Flowing or Artificial Lift)	Plunger Lift	Plunger Lift	Plunger Lift
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)	750 psi (estimated)	540 psi (estimated)	540 psi (estimated)
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1200 BTU	1270 BTU	1210 BTU
Producing, Shut-In or New Zone	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: 80 mcf (estimated) Rates: .4 bopd (est) 2 bwpd (est)	Date: 5/9/05 100 mcf Rates: .7 bopd 0 bwpd	Date: 5/9/05 40 mcf Rates: .3 bopd 1 bwpd
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 36% Gas 36%	Oil 45% Gas 45%	Oil 19% Gas 19%

**ADDITIONAL DATA**

Are all working, royalty and overriding royalty interests identical in all commingled zones?  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

2005 MAY 11 PM 1 10  
RECEIVED  
070 FARMINGTON NM

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1625 N. French Dr., Hobbs, NM 88240  
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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
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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**

<sup>1</sup> API Number 30-039-08163	<sup>2</sup> Pool Code 71599 / 58090 / 72319	<sup>3</sup> Pool Name BASIN DAKOTA & TAPACITO GALLUP & BLANCO MESAVERDE
<sup>4</sup> Property Code <b>33454</b>	<sup>5</sup> Property Name JICARILLA 'A'	<sup>6</sup> Well Number 8
<sup>7</sup> OGRID No. 222374	<sup>8</sup> Operator Name CDX RIO, LLC	<sup>9</sup> Elevation 6615 GR

<sup>10</sup> **Surface Location**

UL or lot no. H	Section 17	Township 26N	Range 5W	Lot Idn	Feet from the 2365	North/South line NORTH	Feet from the 790	East/West line EAST	County RIO ARRIBA
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<sup>11</sup> **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
<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

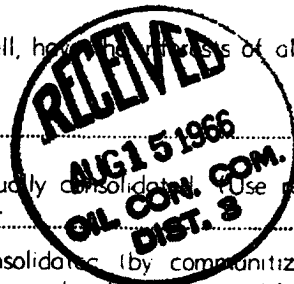
	<b>17 OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Printed Name David Smith Title and E-mail Address Production Engineer, dave.smith@cdxgas.com Date 5/8/05
	<b>18 SURVEYOR CERTIFICATION</b> <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> june 28, 1966 Date of Survey Signature and Seal of Professional Surveyor:  ON FILE  Certificate Number 2463

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

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

Operator <b>TENNECO OIL COMPANY</b>			Lease <b>JICARILLA "A"</b>		Well No. <b>8</b>
Unit Letter <b>H</b>	Section <b>17</b>	Township <b>26 North</b>	Range <b>5 West</b>	County <b>Rio Arriba</b> ✓	
Actual Footage Location of Well: <b>2365</b> feet from the <b>North</b> line and <b>790</b> feet from the <b>East</b> line Ground Level Elev. <b>6604' ungraded</b> Producing Formation <b>Basin Dakota</b> Pool <b>Basin Dakota</b> ✓ Dedicated Acreage: <b>E/2</b> <b>320</b> ✓ 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 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.



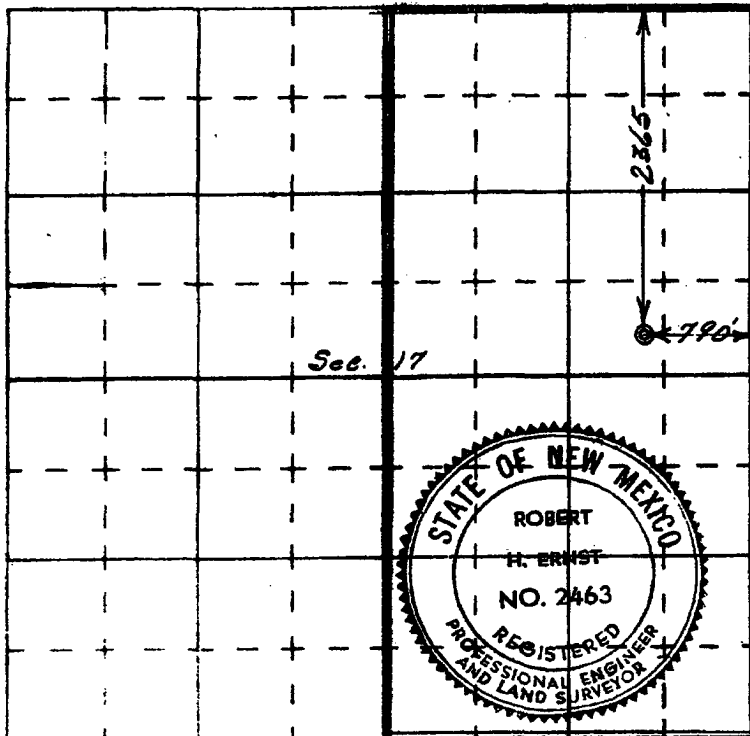
**CERTIFICATION**

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

*Harold C. Nichols*  
 Name  
**Harold C. Nichols**  
 Position  
**Senior Production Clerk**  
 Company  
**Tenneco Oil Company**  
 Date  
**August 10, 1966**

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.

**28 June 1966**  
 Date Surveyed  
*Robert H. Ernst*  
 Registered Professional Engineer  
 and/or Land Surveyor  
**Robert H. Ernst**  
**New Mexico PE & LS 2463**  
 Certificate No. \_\_\_\_\_



N

**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 <b>Tenneco Oil Company</b>			Lease <b>Jicarilla "A"</b>		Well No. <b>8</b>
Unit Letter <b>H</b>	Section <b>17</b>	Township <b>26-N</b>	Range <b>5-W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well:					
<b>2365</b>	feet from the	<b>North</b>	line and	<b>790</b>	feet from the <b>East</b> line
Ground Level Elev: <b>6604 GR</b>	Producing Formation <b>South Blanco Tocito</b>		Pool <b>South Blanco Tocito Gallup</b>		Dedicated Acreage: <b>E/2 NE/24 80 Acres</b>

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.) \_\_\_\_\_

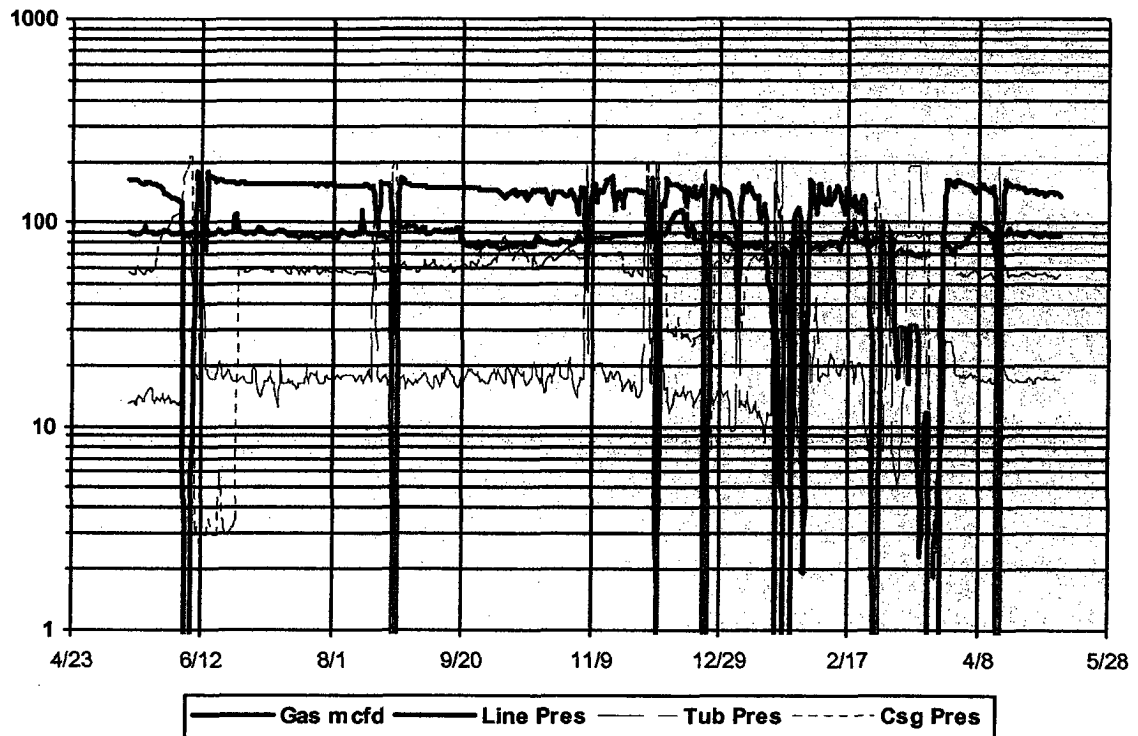
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



<b>CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	<b>Harold C. Nichols</b>
Position	<b>Senior Production Clerk</b>
Company	<b>Tenneco Oil Company</b>
Date	<b>November 1, 1966</b>
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	
Registered Professional Engineer and/or Land Surveyor	
Certificate No.	

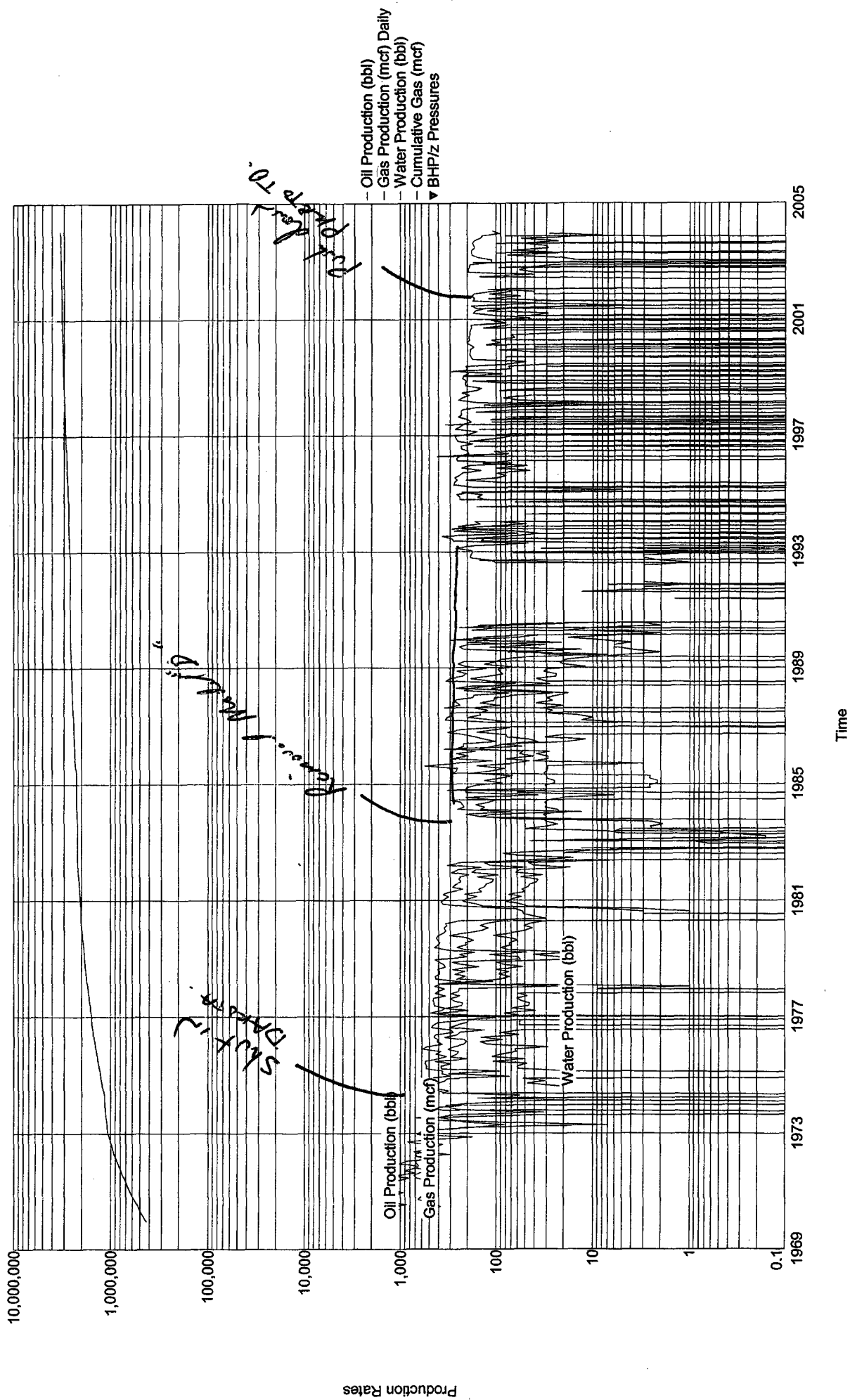


'JICARILLA A 008-DG API: 30-039-08163' (5/14/04 - 5/9/05)



Lease Name: JICARILLA A  
 County, State: RIO ARBA, NM  
 Operator: CDX RIO LIMITED LIABILITY CORPORATIO  
 Field: MULTIPLE  
 Reservoir: MULTIPLE  
 Location:

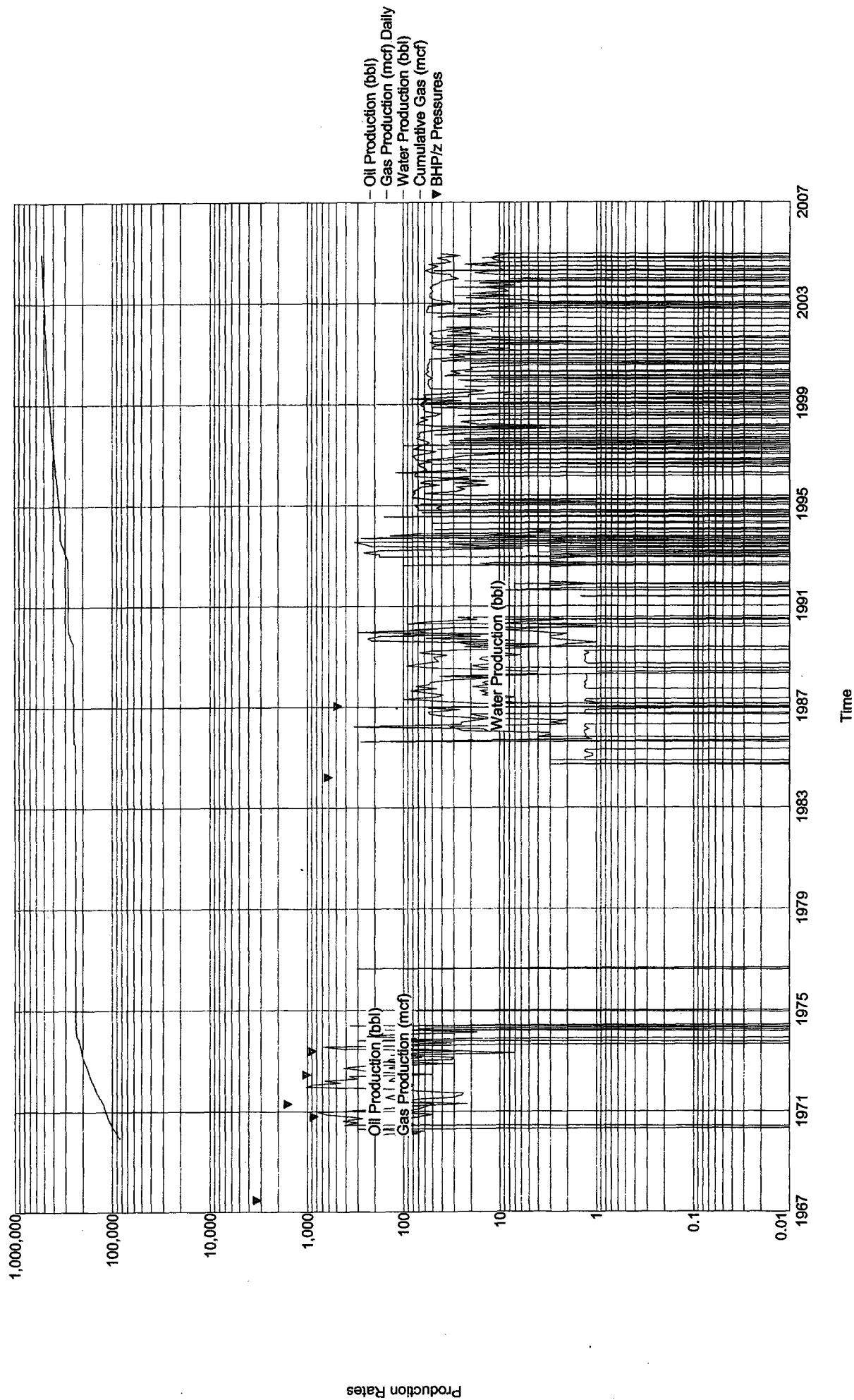
JICARILLA A - (MULTIPLE) **A-8**





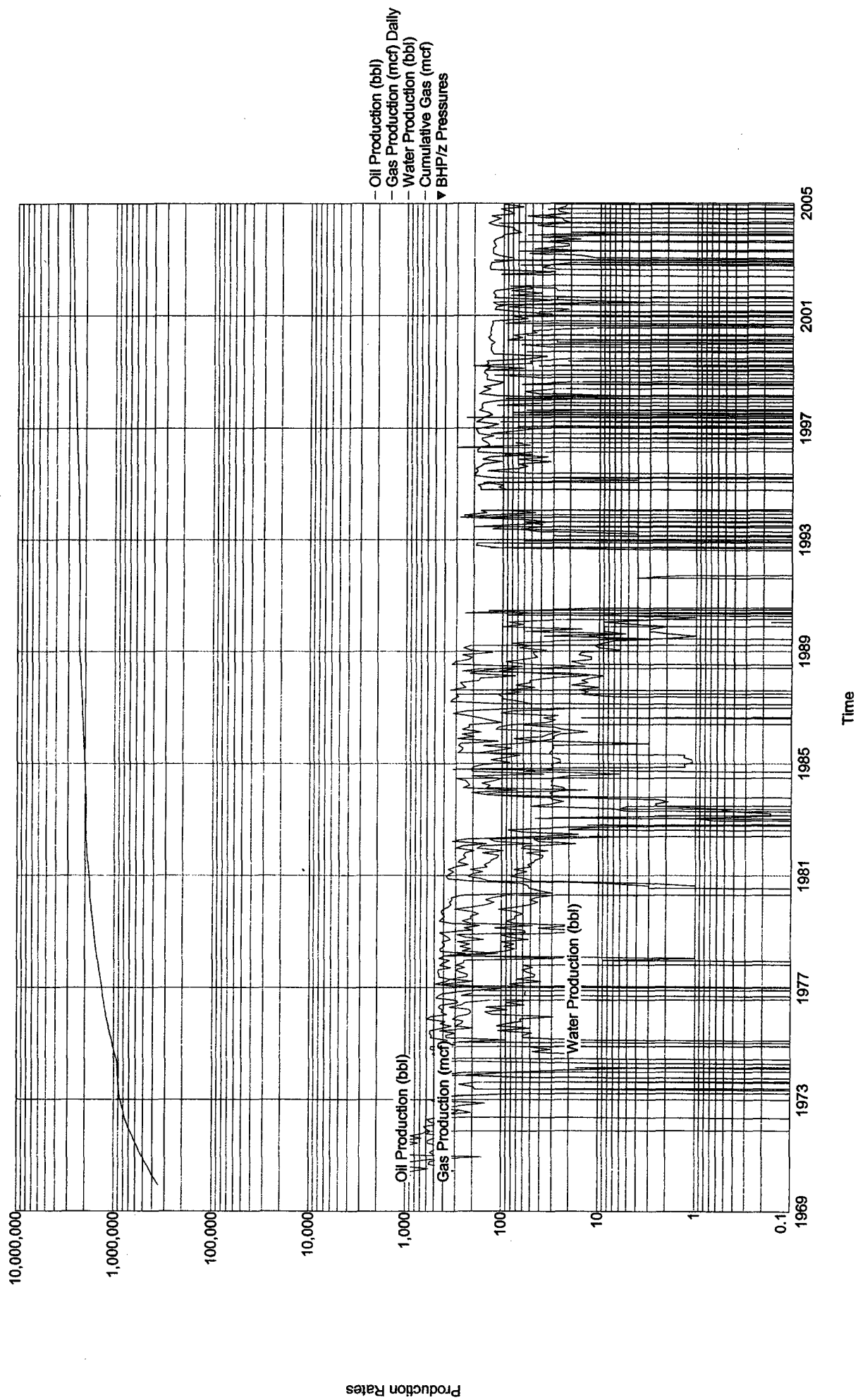
Lease Name: JICARILLA A  
County, State: RIO ARBA, NM  
Operator: CDX RIO LIMITED LIABILITY CORPORATIO  
Field: BASIN  
Reservoir: DAKOTA  
Location: 17 26N 5W SW SE NE

JICARILLA A - 8 ( DAKOTA)



Lease Name: JICARILLA A  
County, State: RIO ARBA, NM  
Operator: CDX RIO LIMITED LIABILITY CORPORATIO  
Field: TAPACITO  
Reservoir: GALLUP  
Location: 17 26N 5W SW SE NE

JICARILLA A - 8 ( GALLUP)



# PI/Dwights PLUS on CD Map Report

*Acc Wells*

30	29	28
31	32	33
6	5	4
3 1A 5 7 5A 1 11 18 24 9 4E 8 19 3B 4	4 3E 3R 7 7E 13 7 17 13E CDX 5 3 5 1 6 20 5E 7	8 6B 6 5E 8 9 6E 7E 13 12 16 2 5 4 5 4 21 4E 5
30	29	28
31	32	33
6	5	4
MADE DATA IS COPYRIGHTED BY TERN INTERNATIONAL LTD. ALL RIGHTS RESERVED.		

# PI/Dwights PLUS on CD Map Report

DAKOTA

30	29	28
31	32	33
6	5	4
3 3E 1 7 2 1E 1 18 2E 4E 3 4 19 3E	3 3E 3R 7 8 7E 8 7 17 8E 6E 5 6 20 5E	5E 6 5 9 6E 7E 7 2 16 2E 5E 4 5 5 21 4E
30	29	28
31	32	33
6	5	4
3 3E 1 7 2 1E 1 18 2E 4E 3 4 19 3E	3 3E 3R 7 8 7E 8 7 17 8E 6E 5 6 20 5E	5E 6 5 9 6E 7E 7 2 16 2E 5E 4 5 5 21 4E

# PI/Dwights PLUS on CD Map Report

GALLUP

30	29	28
31	32	33
6	5	4
7	8	9
2	3E	7
18 2E	17	9
3	5	4
19	20	21
30	29	28
31	32	33
6	5	4

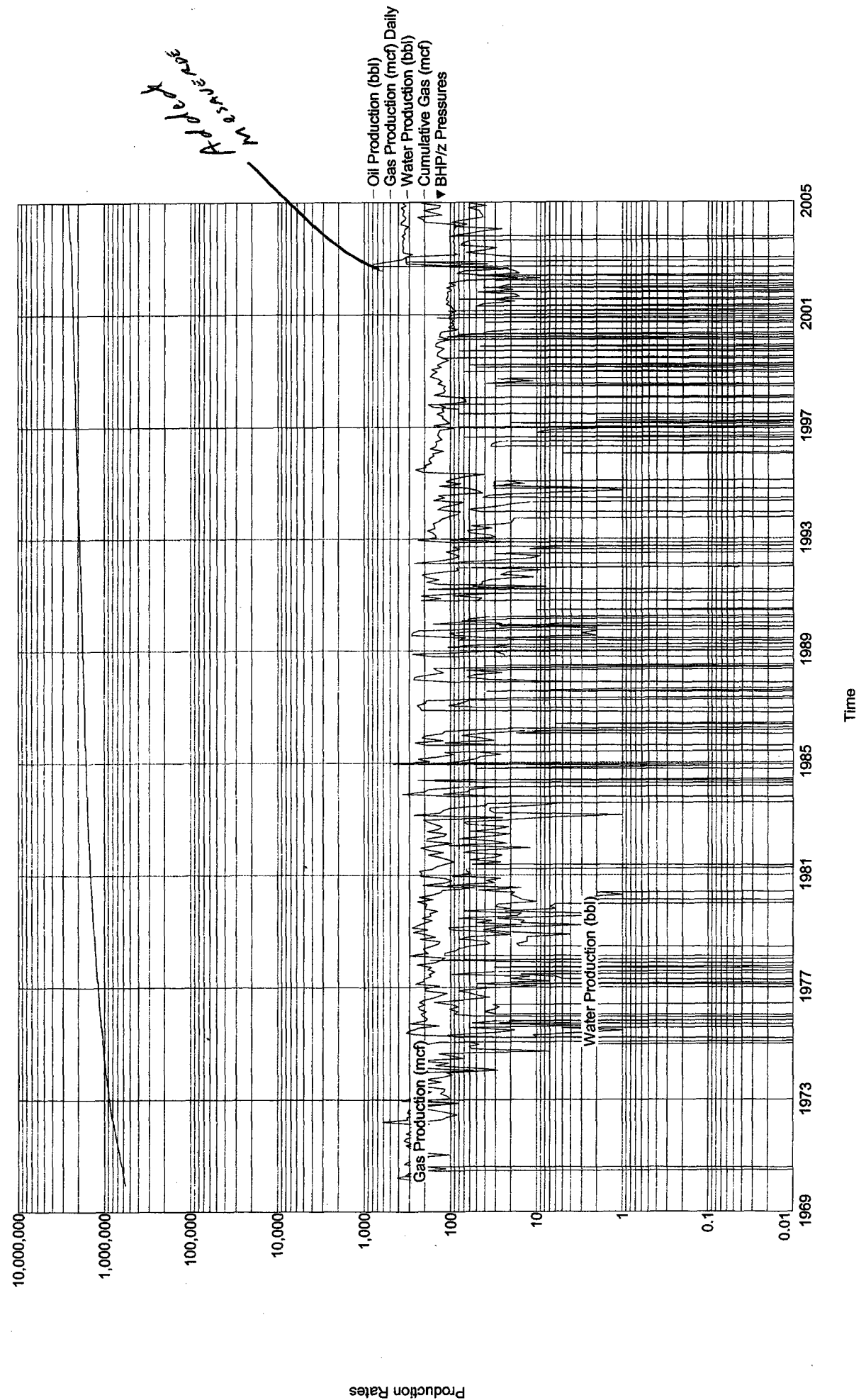
# PI/Dwights PLUS on CD Map Report

MESAVEROE

30	29	28
31	32	33
6	5	4
1A 3E 5 6B	4A 3R 8 9A	8 6
1 7 5A 7E	4 3E 7 8A	8A 9A
1 18	17 8E 9	7 16
19	20	5E 5 21
30	29	28
31	32	33
6	5	4

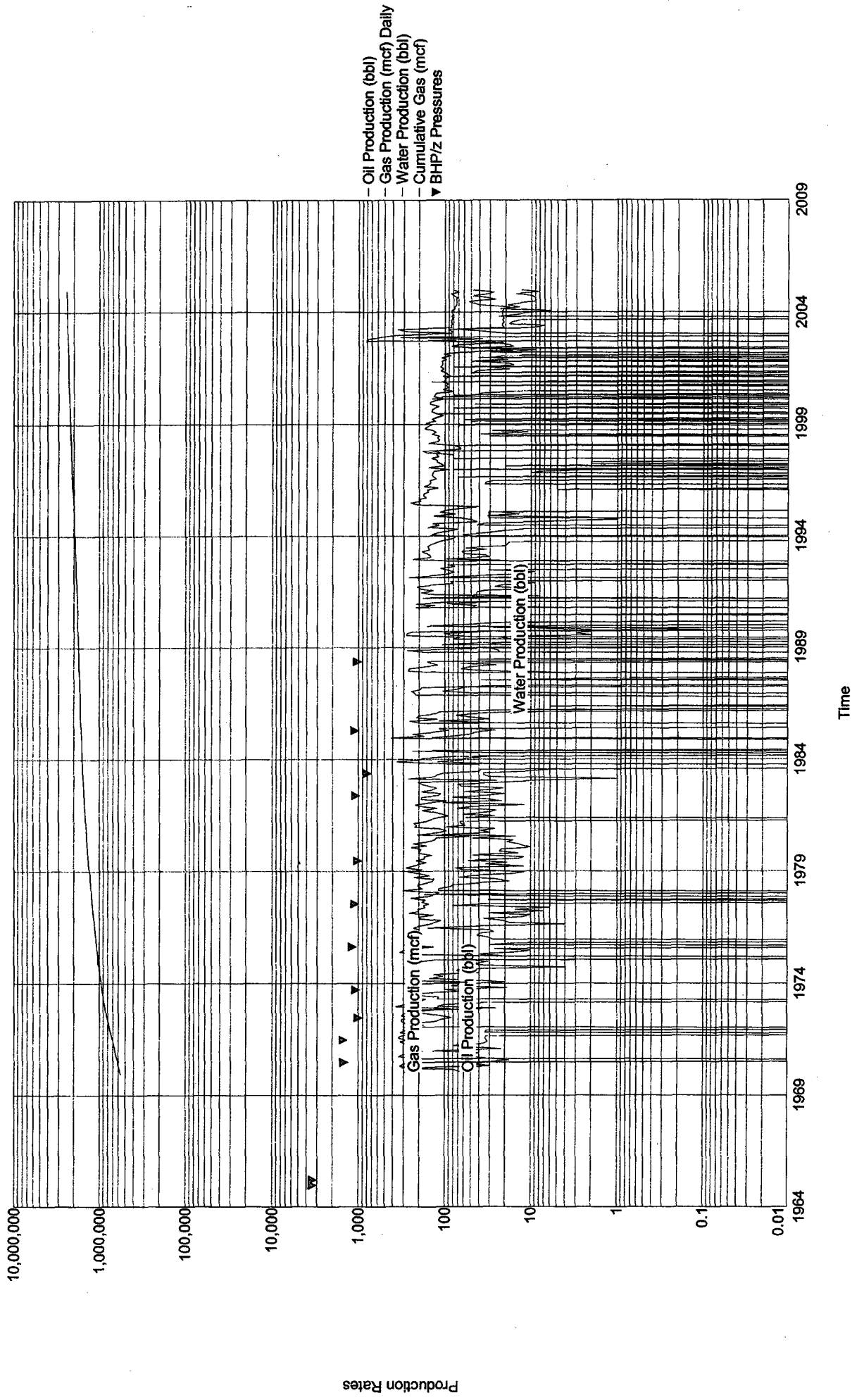
Lease Name: JICARILLA A  
County, State: RIO ARBA, NM  
Operator: MULTIPLE  
Field: MULTIPLE  
Reservoir: MULTIPLE  
Location:

JICARILLA A - (MULTIPLE) A-2



Lease Name: JICARILLA A  
County, State: RIO ARBA, NM  
Operator: CDX RIO LIMITED LIABILITY CORPORATIO  
Field: BASIN  
Reservoir: DAKOTA  
Location: 18 26N 5W SE NW NE

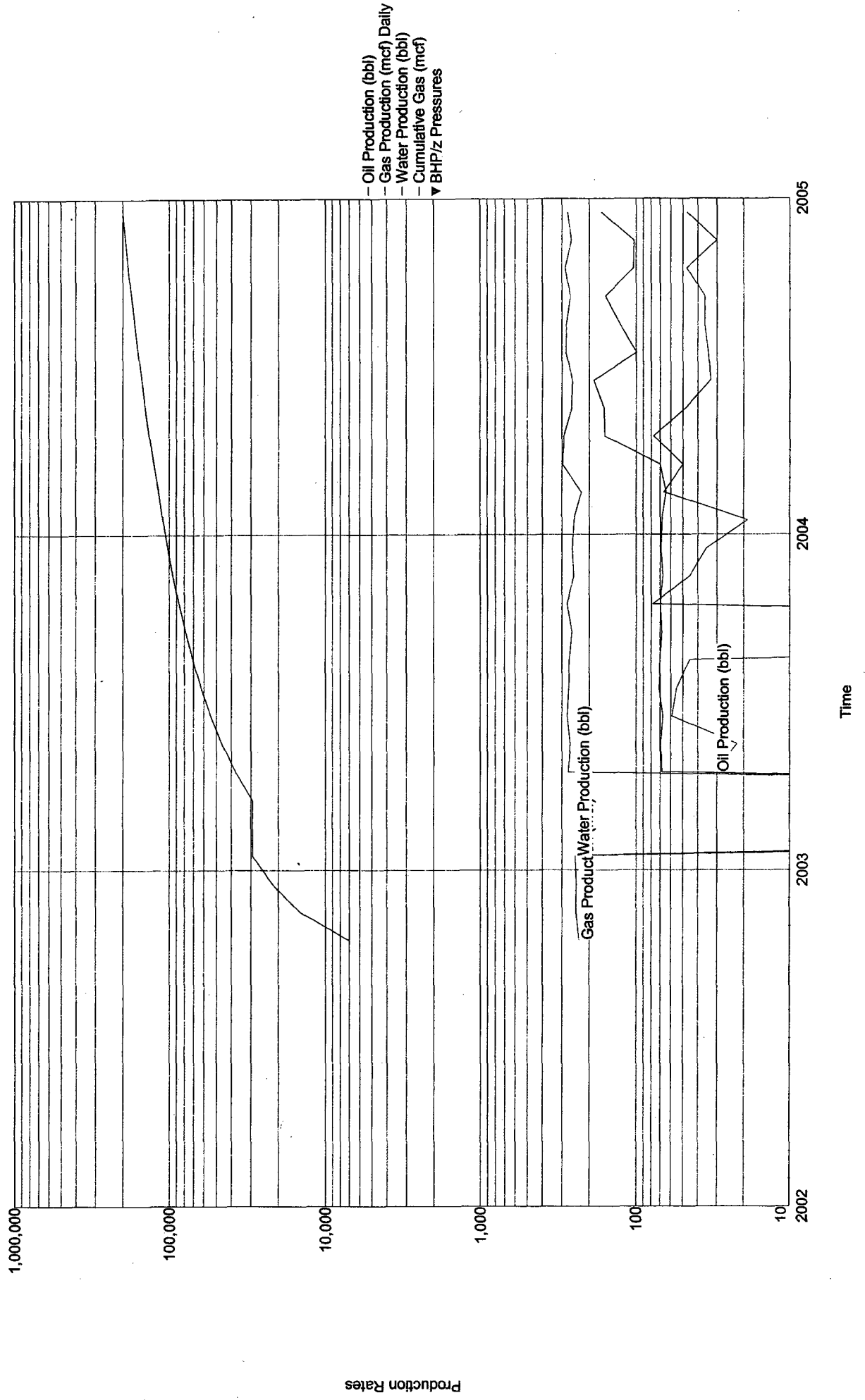
JICARILLA A - 2 ( DAKOTA )





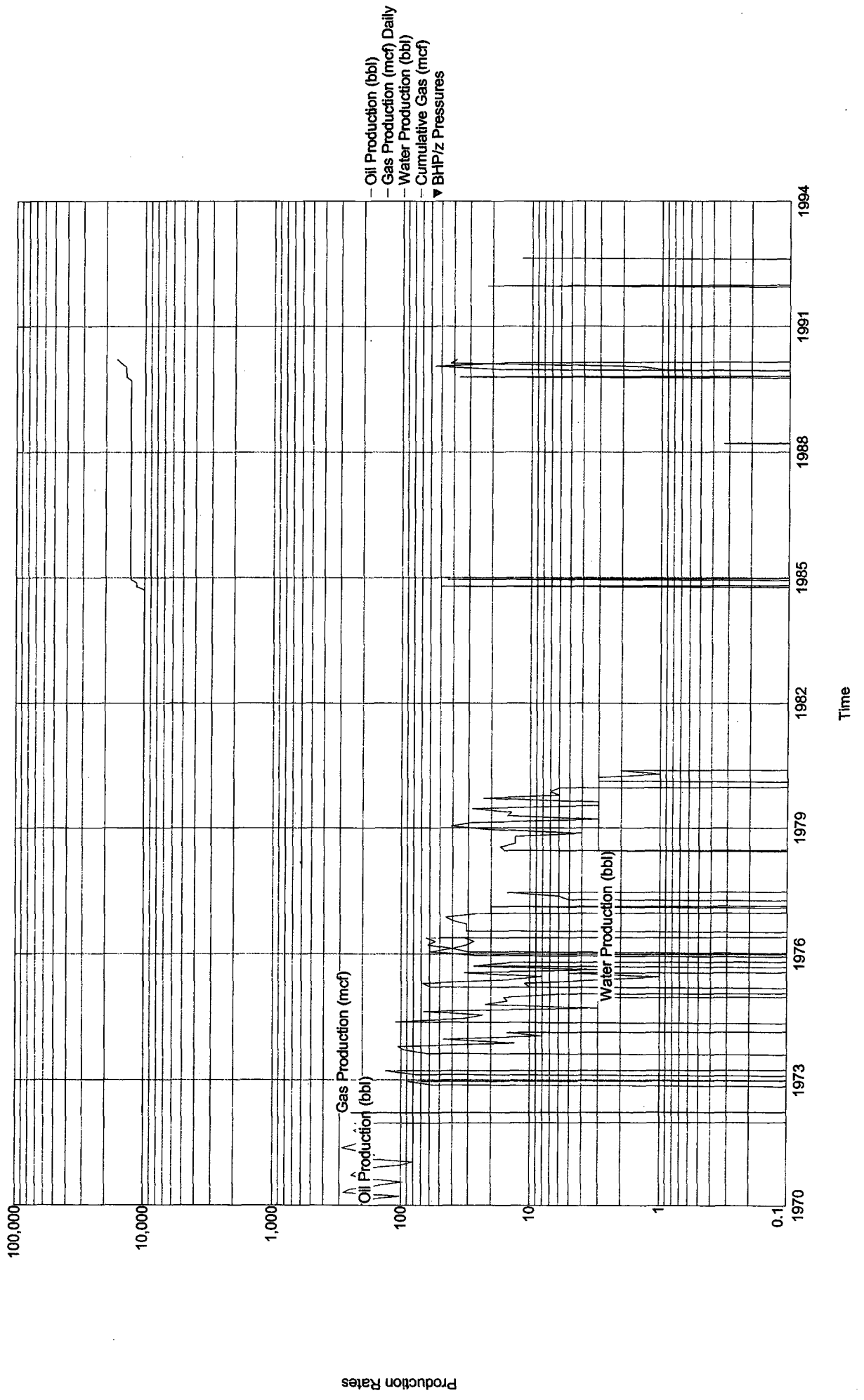
Lease Name: JICARILLA A  
 County, State: RIO ARBA, NM  
 Operator: CDX RIO LIMITED LIABILITY CORPORATIO  
 Field: BLANCO  
 Reservoir: MESAVERDE  
 Location: 18 26N 5W SE NW NE

# JICARILLA A - 2 ( MESAVERDE)



Lease Name: JICARILLA A  
County, State: RIO ARBA, NM  
Operator: BP AMERICA PRODUCTION COMPANY  
Field: TAPACITO  
Reservoir: GALLUP  
Location: 18 26N 5W SE NW NE

JICARILLA A - 2 ( GALLUP)



## **Bureau of Land Management Conditions of Approval:**

- 1) If cement squeeze work is necessary, contact Matt Halbert of the BLM Farmington Field Office @ (505) 599-6350.**
- 2) If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.**
- 3) Pits must be lined with an impervious material at least 12 mils thick. The pit must be fenced on three (3) sides during workover operations and on the 4<sup>th</sup> side after the rig moves off location. Pits must be closed within 90 days of completion of the workover operations. Prior to closing the pit the liner must be cut off at mud level.**