

DATE IN 2-17-10	SUSPENSE	ENGINEER Jones	LOGGED IN 2-17-10	TYPE DHC	APP NO. 1004855277
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ABOVE THIS LINE FOR DIVISION USE ONLY

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



RECEIVED  
 Barlingham  
 2010 FEB 17 PM 1 35

**ADMINISTRATIVE APPLICATION CHECKLIST**

CLU #2390

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

30-039-30883

**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.**

Crystal Tafuya  
 Print or Type Name

Crystal Tafuya  
 Signature

Regulatory Tech  
 Title

2/16/2010  
 Date

crystal.tafuya@conocophillips.com  
 e-mail Address

District I  
1625 N. 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 Department

Form C-107A  
Revised June 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE  
  X   Single Well  
  X   Establish Pre-Approved Pools  
EXISTING WELLBORE  
       Yes   X   No

APPLICATION FOR DOWNHOLE COMMINGLING

DAC-4262

Burlington Resources P.O.Box 4289 Farmington, NM 87499  
Operator Address

Canyon Largo Unit 239N Unit L, Sec. 1, 025N, 006W Rio Arriba  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No: 14538 Property Code 6886 API No. 300393088300000 Lease Type:   X   Federal        State        Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	OTERO CHACRA	BLANCO MESAVERDE	BASIN DAKOTA
Pool Code	82329	72319	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3760' - 3880' Estimated	5000' - 5420' Estimated	7125' - 7309' Estimated
Method of Production (Flowing or Artificial Lift)	New Zone	New Zone	New Zone
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)	700 psi	750 psi	1911 psi OK
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1000	BTU 1000	BTU 1000
Producing, Shut-In or New Zone	New Zone	New Zone	New Zone
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: N/A Rates: N/A	Date: N/A Rates: N/A	Date: N/A Rates: N/A
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas Will be supplied upon completion	Oil Gas Will be supplied upon completion	Oil Gas Will be supplied upon completion

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes   X   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 commingled zones compatible with each other? Yes   X   No       

Will commingling decrease the value of production? Yes        No   X  

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   X   No       

NMOCD Reference Case No. applicable to this well: \_\_\_\_\_

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  TITLE Engineer DATE 2/11/10

TYPE OR PRINT NAME Bill Akwari, Engineer TELEPHONE NO. ( 505 ) 326-9700

E-MAIL ADDRESS Bill.N.Akwari@conocophillips.com

Canyon Largo Unit 239N  
Unit F, Section 29, T27N, R07W

The Canyon Largo Unit 239N is a Blanco Mesaverde, Basin Dakota and Otero Chacra New Drill. A cased hole neutron log will be run prior to completion to identify the Blanco Mesaverde, Basin Dakota and Otero Chacra zones. If the Blanco Mesaverde, Basin Dakota and Otero Chacra horizons can be isolated, a separator test will be performed and the allocation will be assigned with results using the subtraction method applied to the rate. In the event that the Blanco Mesaverde, Basin Dakota and Otero Chacra can not be tested separately, a volumetric calculation will be performed to determine the allocation percentages between the Blanco Mesaverde, Basin Dakota and Otero Chacra. All documentation will be submitted to the Aztec NMOCD office.

DISTRICT I  
1626 N. French Dr., Hobbs, N.M. 88240

DISTRICT II  
1301 W. Grand Avenue, Artesia, N.M. 88210

DISTRICT III  
1000 Rio Brazos Rd., Asteo, N.M. 87410

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised October 12, 2005

OIL CONSERVATION DIVISION

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-30883	Pool Code 82329/71599/72319	OTERO	Pool Name CHACRA/BASIN DAKOTA/BLANCO MESA VERDE
Property Code 6886	Property Name CANYON LARGO UNIT	Well Number 239 N	
OGUID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	Elevation 6749'	

<sup>10</sup> Surface Location

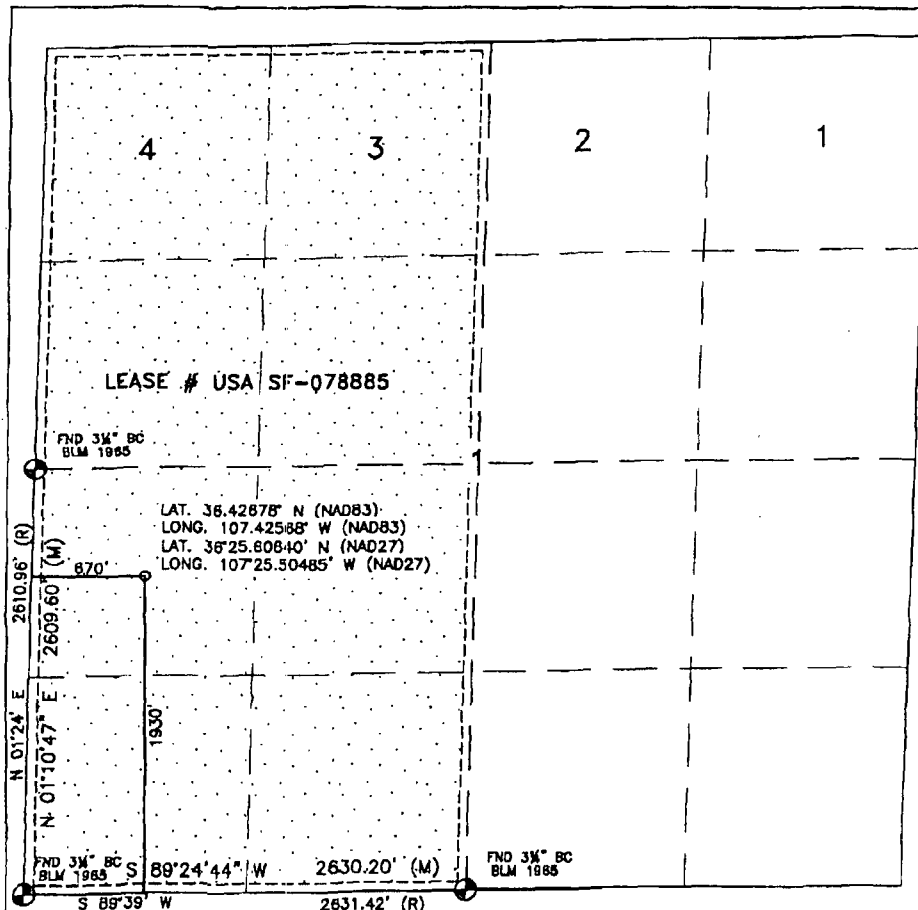
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	1	25N	6W		1930'	SOUTH	670'	WEST	RIO ARriba

<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
L									
<sup>12</sup> Dedicated Acres 160.0 Acres - (SW/4) CH 320.6 Acres - (W/2) MV/DK			<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

18



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner or a compulsory pooling order heretofore entered by the division.

*Crystal Tafoya* 11/13/09  
Signature Date

Crystal Tafoya 11/13/09  
Printed Name

<sup>18</sup> 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.

AUGUST 28, 2008

Date of Survey

Signature and Seal of Professional Surveyor:

*David R. Russell*



DAVID RUSSELL

Certificate Number

10201

CANYON LARGO UNIT 239N CH

No Active Forecast

Data: Jan. 2010-Jan. 2010

Operator:

Field:

Zone:

Type: Other

Group: None

No Active Forecast

Production Cums

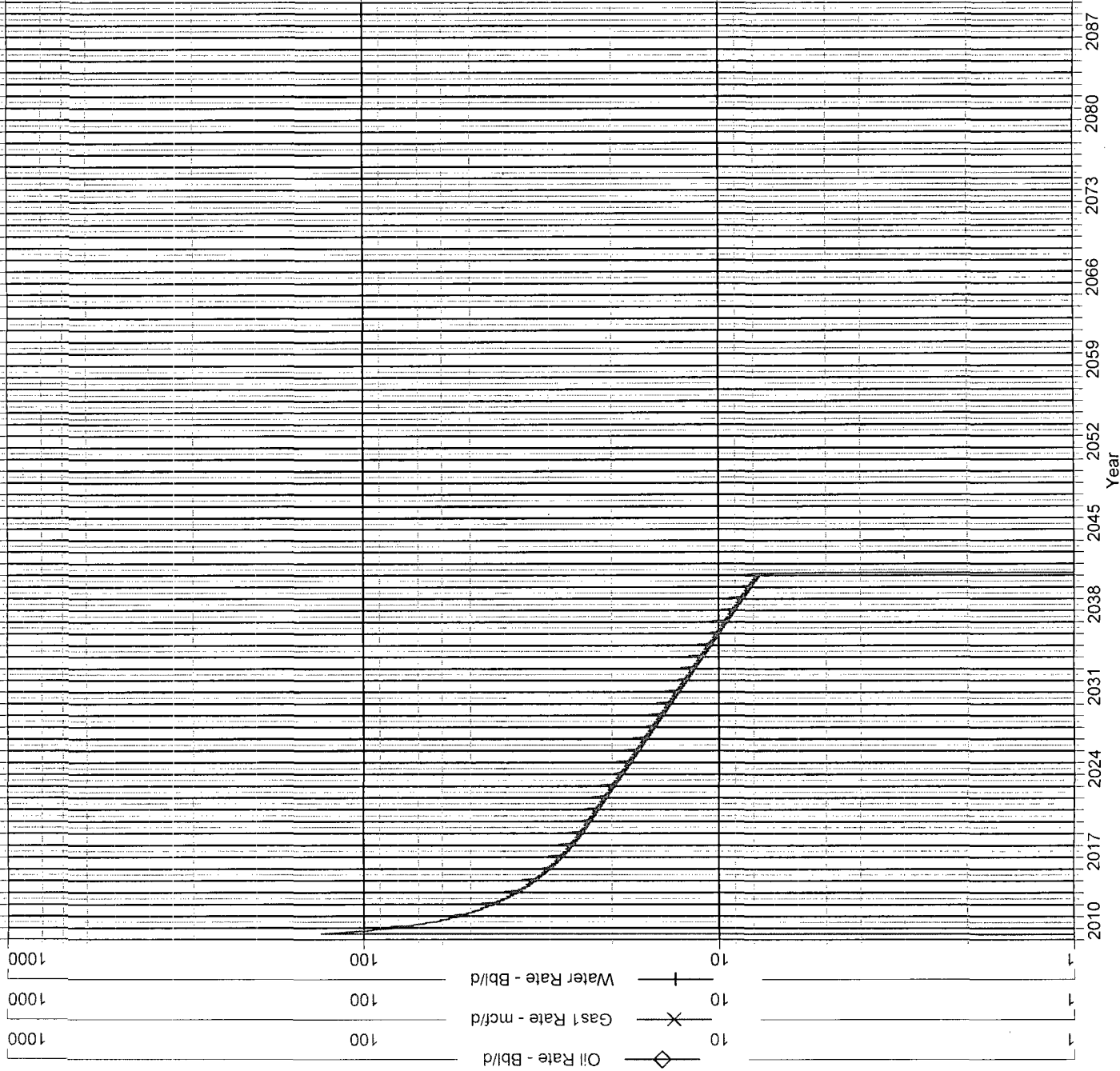
Oil: 0 MSTB

Gas: 0 MMSCF

Water: 0 MSTB

Cond: 0 MSTB

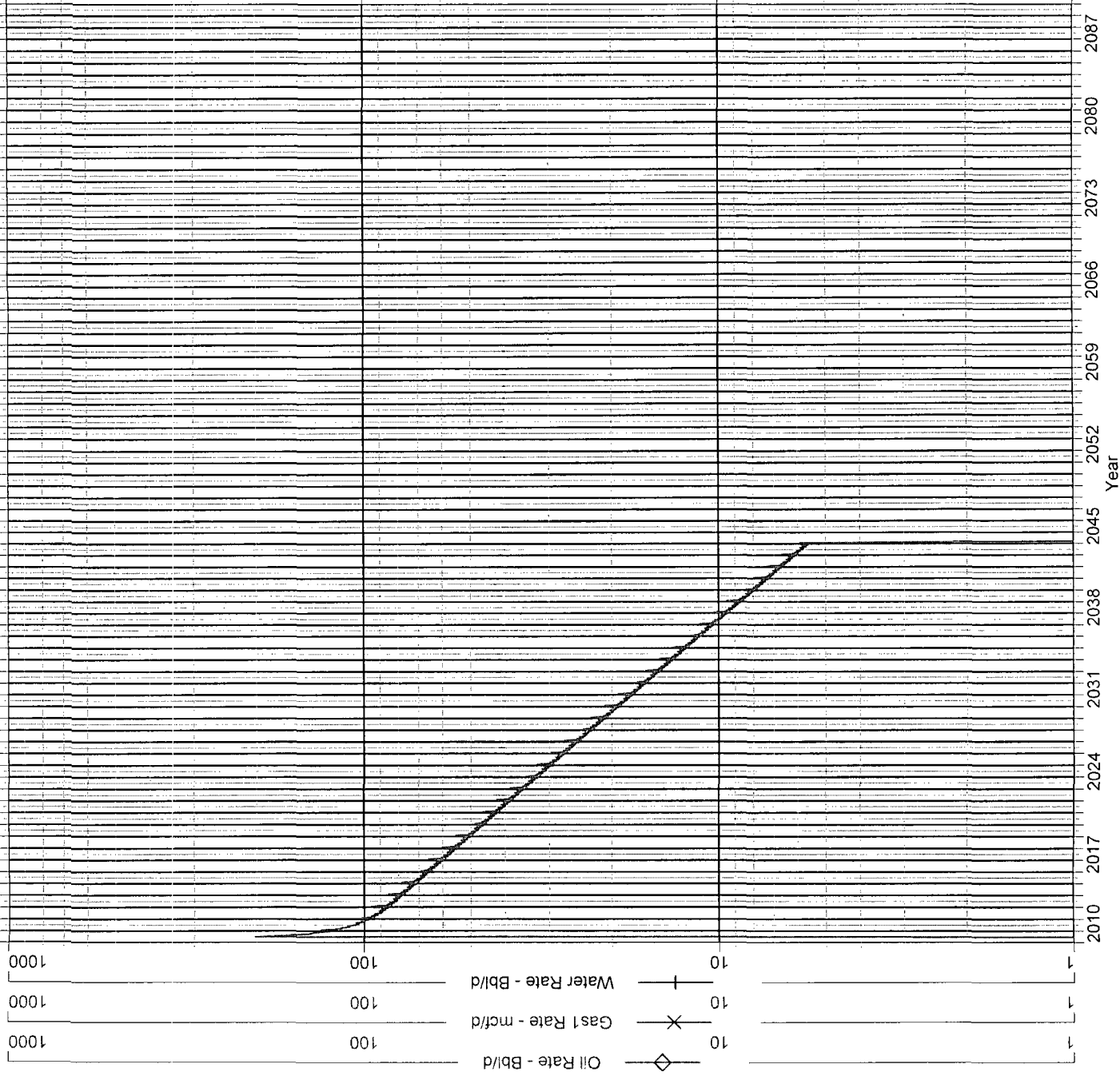
Oil Rate - Bbl/d  
Cum: 0.00  
Gas1 Rate - mcf/d  
Cum: 0.00  
Water Rate - Bbl/d  
Cum: 0.00



CANYON LARGO UNIT 239N DK Data: Jan.2010-Jan.2010

Operator: No  
Field: Active  
Zone: Forecast  
Type: Other  
Group: None

Production Cums  
Oil: 0 MSTB  
Gas: 0 MMSCF  
Water: 0 MSTB  
Cond: 0 MSTB



Oil Rate - Bbl/d  
Cum: 0.00  
Gas1 Rate - mcf/d  
Cum: 0.00  
Water Rate - Bbl/d  
Cum: 0.00

CANYON LARGO UNIT 239N MV Data: Jan.2010-Jan.2010

Operator: No  
Field: Active  
Zone: Forecast  
Type: Other  
Group: None

Production Cums  
Oil: 0 MSTB  
Gas: 0 MMSCF  
Water: 0 MSTB  
Cond: 0 MSTB

Oil Rate - Bbl/d  
Cum: 0.00  
Gas1 Rate - mcf/d  
Cum: 0.00  
Water Rate - Bbl/d  
Cum: 0.00

