

PT60

DATE IN <u>11.22.11</u>	SUSPENSE	ENGINEER <u>WUT</u>	LOGGED IN <u>11.22.11</u>	TYPE <u>DHC</u>	APP NO. <u>1132657503</u>
-------------------------	----------	---------------------	---------------------------	-----------------	---------------------------

4489

RECEIVED QCD NEW MEXICO OIL CONSERVATION DIVISION

2011 NOV 22 P 12: 49 20 South St. Francis Drive, Santa Fe, NM 87505



Bur Lington

Hubbard 1B

**ADMINISTRATIVE APPLICATION CHECKLIST** 30-045-35201

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.

Arleen Kellywood  
Print or Type Name

Arleen Kellywood  
Signature

Staff Regulatory Tech 11/18/11  
Title Date

Hubbard 1B  
30-045-35201

arleen.r.kellywood@conocophillips.com  
e-mail Address

District I  
1625 N. French Drive, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

District II  
1301 W. Grand Avenue, Artesia, NM 88210

Oil Conservation Division

APPLICATION TYPE

District III  
1000 Rio Brazos Road, Aztec, NM 87410

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

Single Well

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

APPLICATION FOR DOWNHOLE COMMINGLING

Establish Pre-Approved Pools

EXISTING WELLBORE

Yes  No

Burlington Resources Oil & Gas Operator P.O. Box 4289 Farmington, NM 87499 Address *DFC-4489*

Hubbard Lease 1B Well No. Unit I, Sec. 22, 032N, 012W Unit Letter-Section-Township-Range San Juan County

OGRID No: 14538 Property Code 18549 API No. 30045352010000 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE <input checked="" type="checkbox"/>	INTERMEDIATE ZONE <input checked="" type="checkbox"/>	LOWER ZONE <input checked="" type="checkbox"/>
Pool Name	BLANCO MESAVERDE	BASIN MANCOS	BASIN DAKOTA
Pool Code	72319	97232	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	4800'-5200' estimated	6000'-6900' estimated	7295'-7468' 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)	732 psi	1061 psi	2678 psi <input checked="" type="checkbox"/>
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  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  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: \_\_\_\_\_

Attachments:

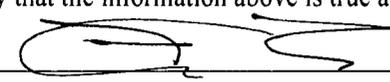
- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation 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 11/18/11

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

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

PC

Hubbard 1B

Surface: Unit I, Section 22, T032N, R012W

Bottom Hole: Unit J, Section 22, T032N, R012W

The Hubbard 1B is a Blanco Mesaverde, Basin Dakota and Basin Mancos new drill. A cased hole neutron log will be run prior to completion to identify the Mesaverde, Dakota and Mancos zones. If the Mesaverde, Dakota and Mancos horizons can be isolated, a spinner test will be performed and the allocation will be assigned. In the event that the Mesaverde, Dakota and Mancos can not be tested separately, a volumetric calculation will be performed to determine the allocation percentages between the Basin Mesaverde, Basin Dakota and Basin Mancos. All documentation will be submitted to the Aztec NMOCD office.

DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240

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

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 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 October 12, 2005

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 30-045-35201		<sup>2</sup> Pool Code 71599/72319/97232		<sup>3</sup> Pool Name BASIN DAKOTA/BLANCO MESAVERDE /MANCOS		BASIN	
<sup>4</sup> Property Code 18549		<sup>5</sup> Property Name HUBBARD				<sup>6</sup> Well Number 1B	
<sup>7</sup> OGRID No. 14538		<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP				<sup>9</sup> Elevation 6222'	

<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
I	22	32-N	12-W		1795	SOUTH	820	EAST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

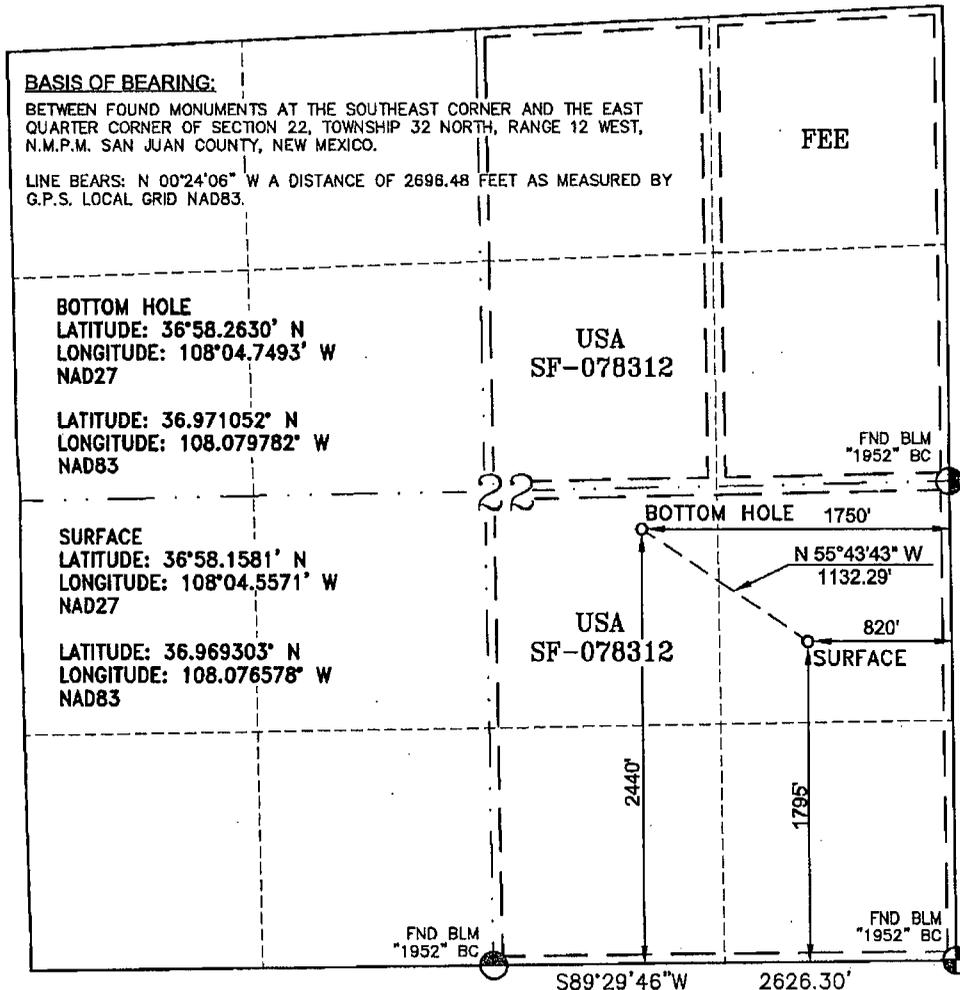
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	22	32-N	12-W		2440	SOUTH	1750	EAST	SAN JUAN

<sup>12</sup> Dedicated Acres DK 320.00 ACRES E/2 MV 320.00 ACRES E/2		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.	
-----------------------------------------------------------------------------	--	-------------------------------	--	----------------------------------	--	-------------------------	--

MANOS

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



17 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 of such a mineral or a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Arleen Kellywood* 10/7/11  
Signature  
Arleen Kellywood  
Printed Name

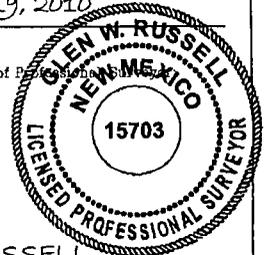
18 SURVEYOR CERTIFICATION

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.

FEBRUARY 19, 2010

Date of Survey

Signature and Seal of



GLEN W. RUSSELL

Certificate Number

15703

PC

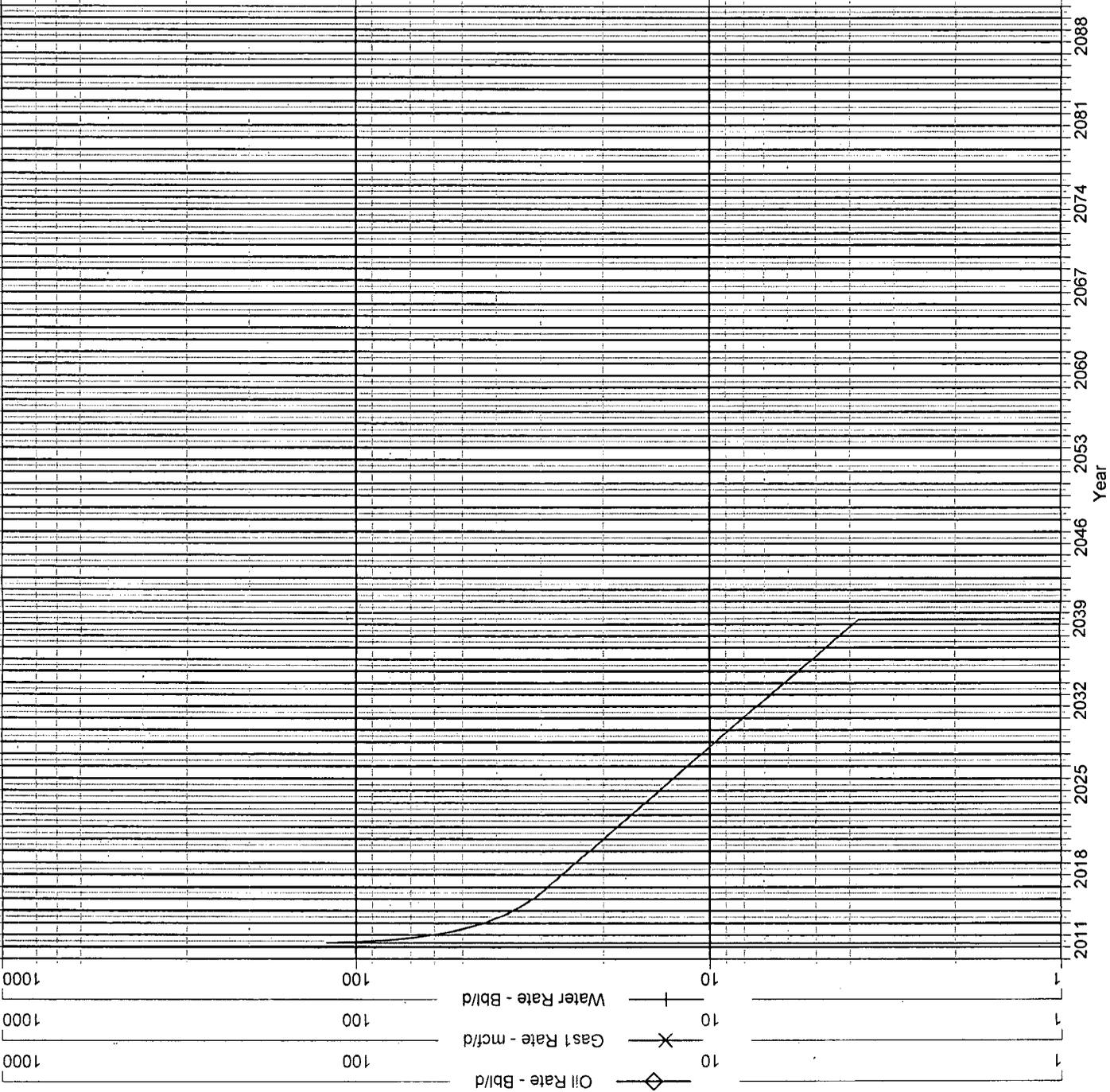
HUBBARD 1B MV Data: Nov.2011-Nov.2011

Operator: Unknown  
 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



◇ Oil Rate - Bbl/d  
 \* Gas1 Rate - mcf/d  
 + Water Rate - Bbl/d

1000  
 100  
 10  
 1  
 1000  
 100  
 10  
 1  
 1000  
 100  
 10  
 1  
 2011 2018 2025 2032 2039 2046 2053 2060 2067 2074 2081 2088  
 Year

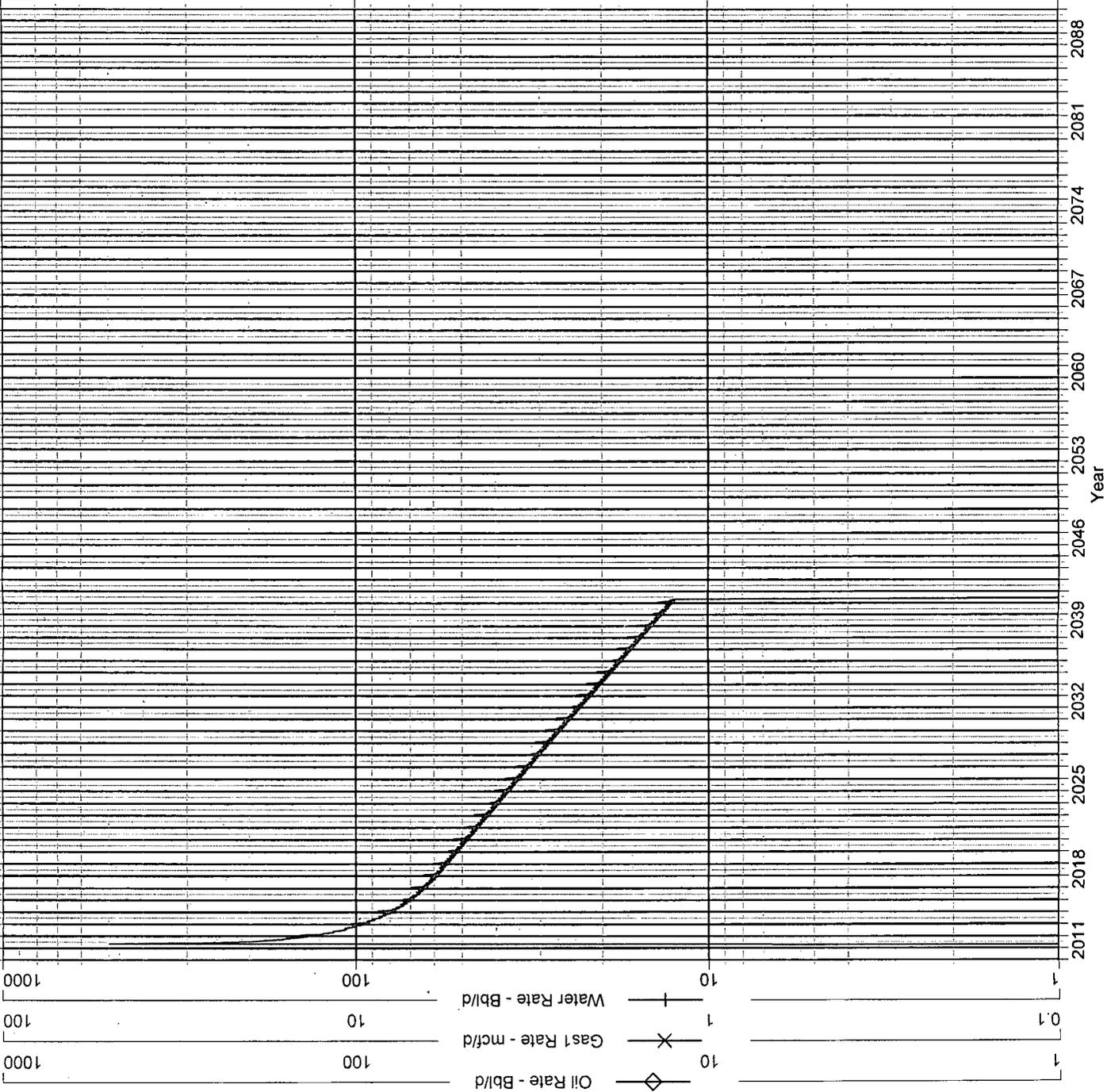
HUBBARD 1B MC Data: Nov.2011-Nov.2011

Operator: Unknown  
 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



HUBBARD 1B DK Data: Nov.2011-Nov.2011

Operator: Unknown  
 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

