



Release 3/23/11

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**

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

APPLICATION TYPE

Single Well

Establish Pre-Approved Pools

EXISTING WELLBORE

Yes  No

District III  
1000 Rio Brazos Road, Aztec, NM 87410

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

**APPLICATION FOR DOWNHOLE COMMINGLING**

ConocoPhillips Operator P.O.Box 4289 Farmington, NM 87499 Address *DHC-432*

Wood WN Federal Com Lease 1N Well No. Unit H, Sec. 21, 029N, 010W Unit Letter-Section-Township-Range San Juan County

OGRID No: 217817 Property Code 31889 API No. 300453522500000 Lease Type:  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)	2920' - 3400'	4000' - 4325'	6295' - 6430'
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)	1140 psi	1240 psi	1769 psi <i>OK</i>
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:	Date: N/A Rates:	Date: N/A Rates:
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:**

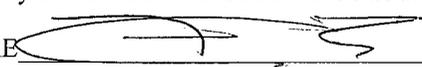
- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation 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 2/11/11

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

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

Wood WN Federal Com 1N  
Surface - Unit G, Section 21, T029N, R010W  
Bottom Hole – Unit H, Section 21, T029N, R010W

The Wood WN Federal Com 1N is a Chara, Mesaverde and Dakota commingle. A volumetric calculation will be performed to determine the allocation percentages between the Chara, Mesaverde and Dakota. All documentation will be submitted to the Aztec NMOCD office.

**District I**  
 1825 N. French Dr., Hobbs, NM 88240  
 Phone:(505) 393-6161 Fax:(505) 393-0720

**District II**  
 1301 W. Grand Ave., Artesia, NM 88210  
 Phone:(505) 748-1283 Fax:(505) 748-9720

**District III**  
 1000 Rio Brazos Rd., Artec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

Form C-102  
 Permit 123053

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

**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-045-35225	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 31889	5. Property Name WOOD WN FEDERAL COM	6. Well No. 001N
7. OGRID No. 217817	8. Operator Name CONOCOPHILLIPS COMPANY	9. Elevation 5607

**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn.	Feet From	N/S Line	Feet From	E/W Line	County
G	21	29N	10W		1475	N	1716	E	SAN JUAN

**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn.	Feet From	N/S Line	Feet From	E/W Line	County
H	21	29N	10W	H	1840	N	720	E	SAN JUAN

12. Dedicated Acres 320.00	13. Joint or Infill	14. Consolidation Code	15. Order No.
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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**

	<b>OPERATOR CERTIFICATION</b>
	<p><i>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(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p>
	<p>E-Signed By: Patsy Clugston          Title: Senior Regulatory Specialist          Date: 12/9/2010</p>
	<b>SURVEYOR CERTIFICATION</b>
	<p><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></p> <p>Surveyed By: Marshall Lindeen          Date of Survey: 12/10/2008          Certificate Number: 17078</p>

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State of New Mexico  
Energy, Minerals and Natural Resources

Form C-102  
Permit 123053

Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-35225	2. Pool Code 71599	3. Pool Name BASIN DAKOTA (PRORATED GAS)
4. Property Code 31889	5. Property Name WOOD WN FEDERAL COM	
7. OGRID No. 217817	8. Operator Name CONOCOPHILLIPS COMPANY	6. Well No. 001N 9. Elevation 5607

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Form C-162  
 Permit 123053

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

**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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4. Property Code 31889	5. Property Name WOOD WN FEDERAL COM	6. Well No. 001N
7. OGRID No. 217817	8. Operator Name CONOCOPHILLIPS COMPANY	9. Elevation 5607

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H	21	29N	10W	H	1840	N	720	E	SAN JUAN
12. Dedicated Acres 160.00		13. Joint or Infill		14. Consolidation Code		15. Order No.			

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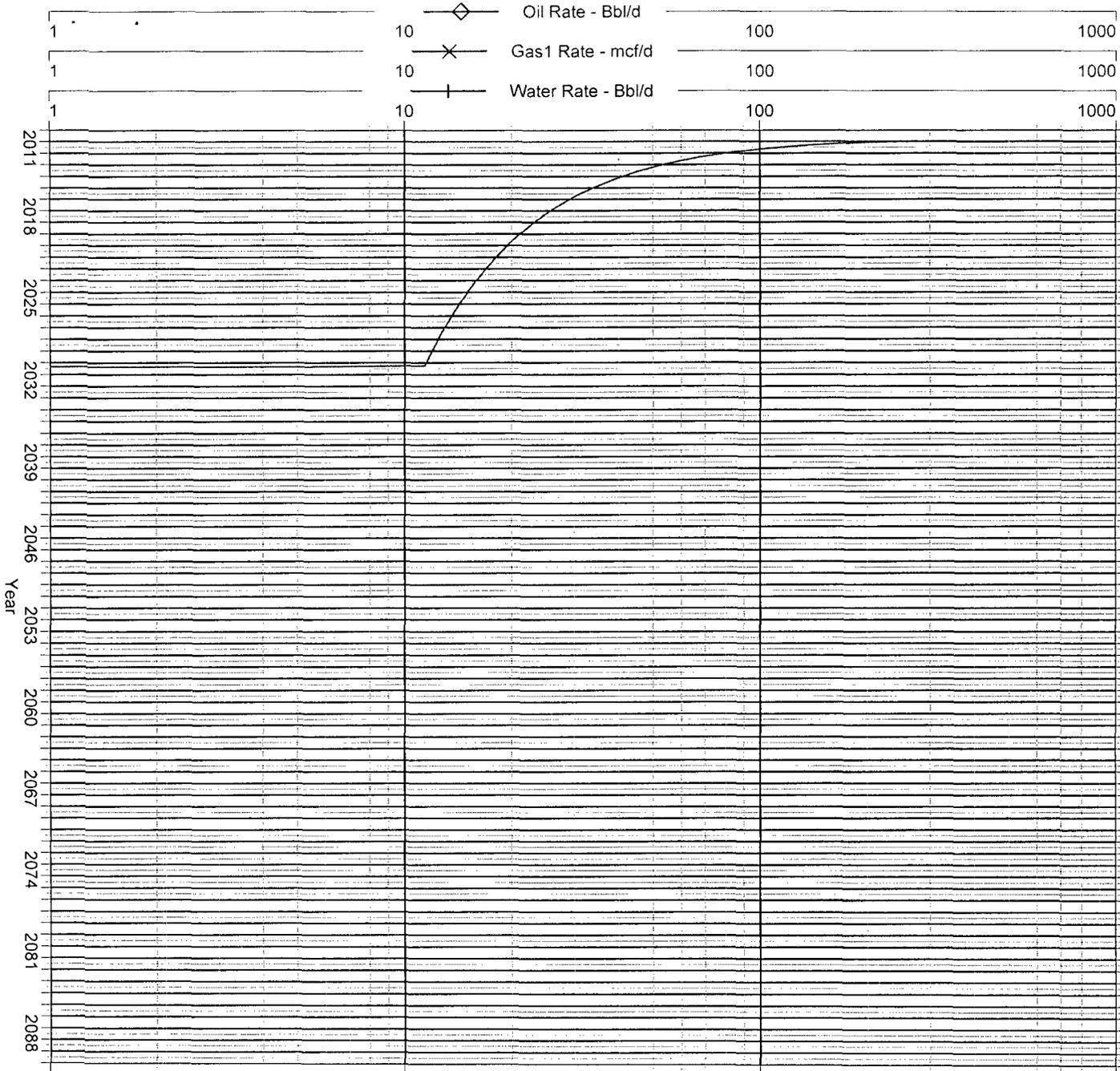
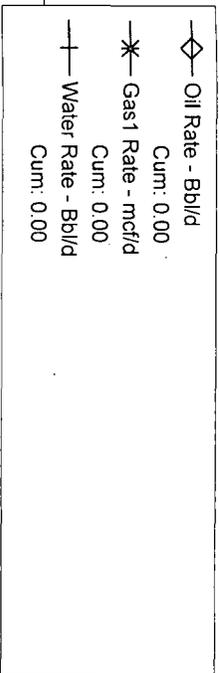
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<p>Surveyed By: Marshall Lindeen          Date of Survey: 12/10/2008          Certificate Number: 17078</p>		

WOOD WN FEDERAL COM 1N MV Data: Feb. 2011-Feb. 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



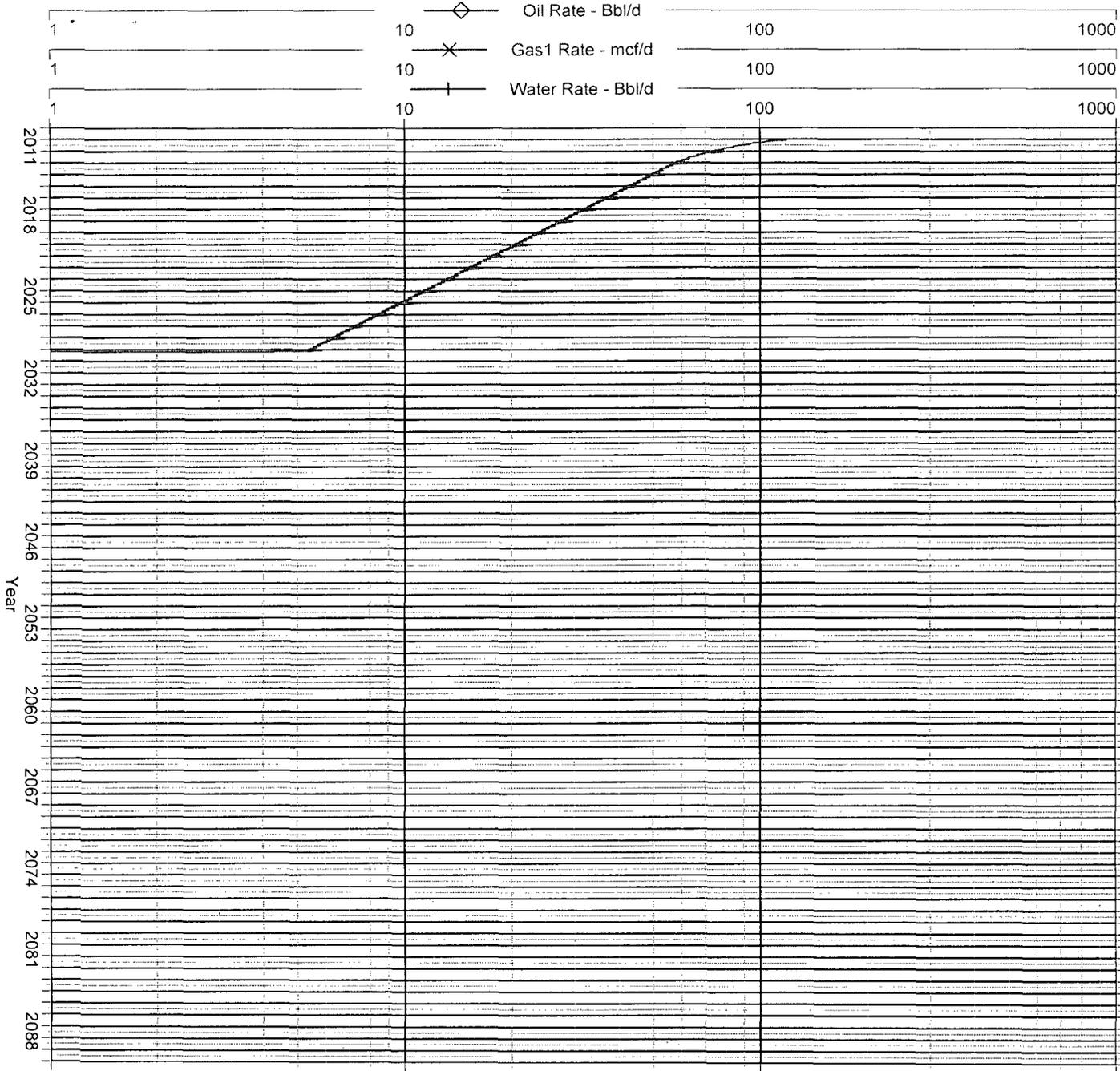
WOOD WN FEDERAL COM 1N DK Data: Feb. 2011-Feb. 2011

Operator: Unknown  
 Field:  
 Zone:  
 Type: Other  
 Group: None

No  
 Active  
 Forecast

Production Cumms  
 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

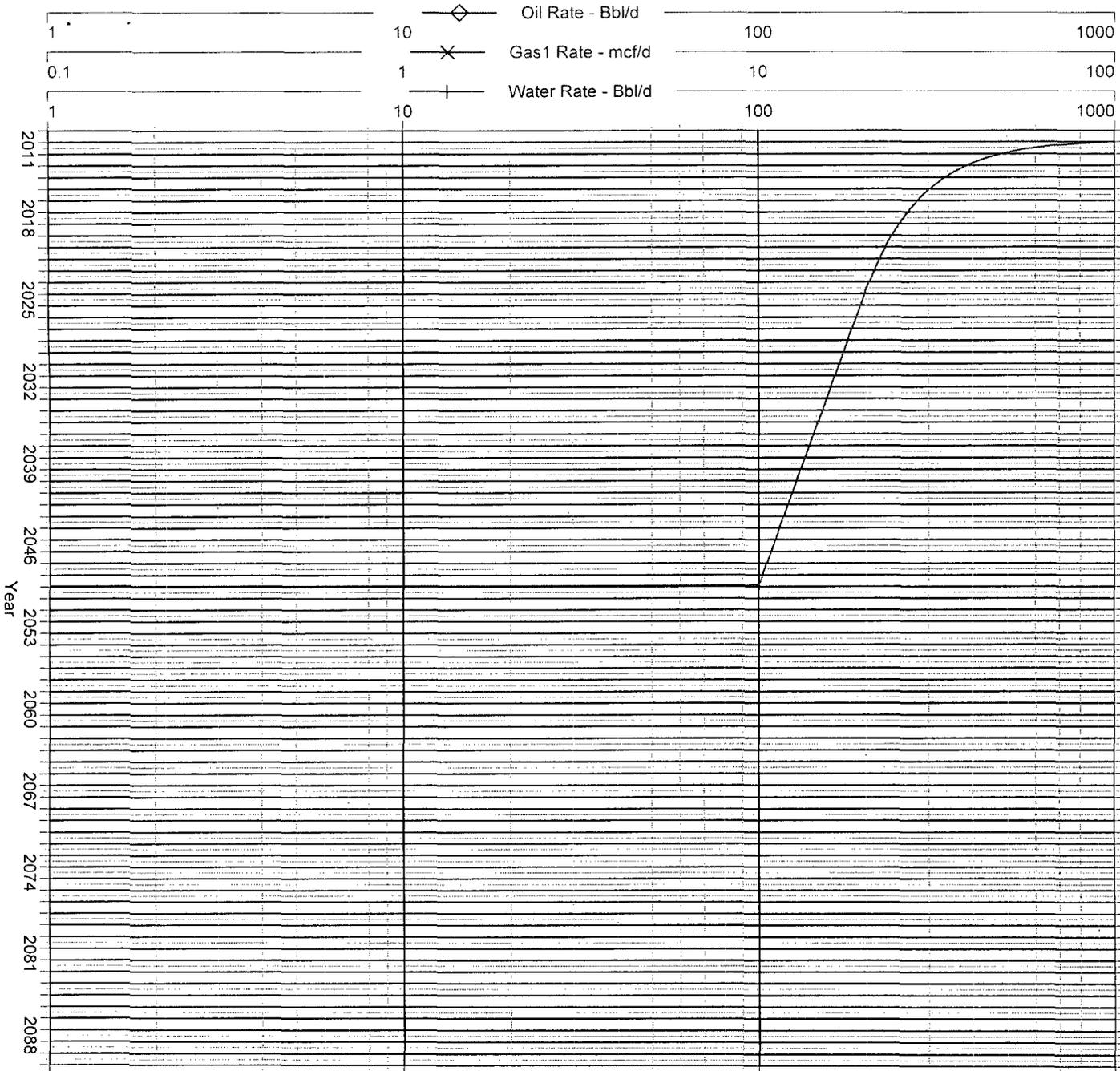


WOOD WN FEDERAL COM 1N CH Data: Feb. 2011-Feb. 2011

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

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

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



Oil Rate - Bbl/d  
 Gas1 Rate - mcf/d  
 Water Rate - Bbl/d

100 1000  
 10 100  
 1 1000

2011 2018 2025 2032 2039 2046 2053 2060 2067 2074 2081 2088  
 Year