

10.22.10	DKB	10.22.10	DHC	PTGW-1029549460
8/27/10	SUSPENSE	8/27/10	DHC	PTGW 1023952096
DATE IN		ENGINEER	LOGGED IN	TYPE

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

Engineering Bureau -

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



Conoco Phillips  
San Juan 28-70  
#111N

2010 OCT 22 P 1:27

2010 AUG 27 P 1:25

ADMINISTRATIVE APPLICATION CHECKLIST 30-039-30808

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]

4328

[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 ~~X~~ 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.

REVISED  
10/20/10

Dollie L. Busse  
Print or Type Name

*Dollie L. Busse*  
Signature

Staff Regulatory Technician  
Title

8/25/10  
Date

dollie.l.busse@conocophillips.com  
e-mail Address



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

## Oil Conservation Division

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

APPLICATION TYPE

X Single Well

## Establish Pre-Approved Pools

EXISTING WELLBORE  
Yes    X    No

## APPLICATION FOR DOWNHOLE COMMINGLING

ConocoPhillips	P.O.Box 4289 Farmington, NM 87499
Operator	Address

San Juan 28-7 Unit	111N	Unit D, Sec. 20, 027N, 007W	Rio Arriba
Lease	Well No.	Unit Letter-Section-Township-Range	County

OGRID No: 217817 Property Code 31739 API No. 300393080800000 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)	3840'- 4490' Estimated	4500- 5290' Estimated	7250'- 7445' 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)	600 psi	500 psi	2100 psi
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 [Signature] TITLE Engineer DATE 4/1/10

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

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



San Juan 28-7 Unit 111N  
Surface- Unit D, Section 20, T27N, R07W  
BH – Unit F, Section 20, T27N, R07W

The San Juan 28-7 Unit 111N 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 1  
1825 N. French Dr., Hobbs, N.M. 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

RECEIVED

Form C-102  
Revised October 12, 2005

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

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

Submit to Appropriate District Office  
AUG 26 2000 State Lease - 4 Copies  
Fee Lease - 3 Copies

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

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

Bureau of Land Management  
Farmington Field Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039- 30 66K		2 Pool Code 71599/82329/72319		3 Pool Name Basin Dakota/Otera Chacra/Bianco Mesaverde	
4 Property Code 31739		5 Property Name SAN JUAN 28 - 7 UNIT			6 Well Number 111N
7 OGRID No. 217817		8 Operator Name CONOCOPHILLIPS COMPANY			9 Elevation 6540'

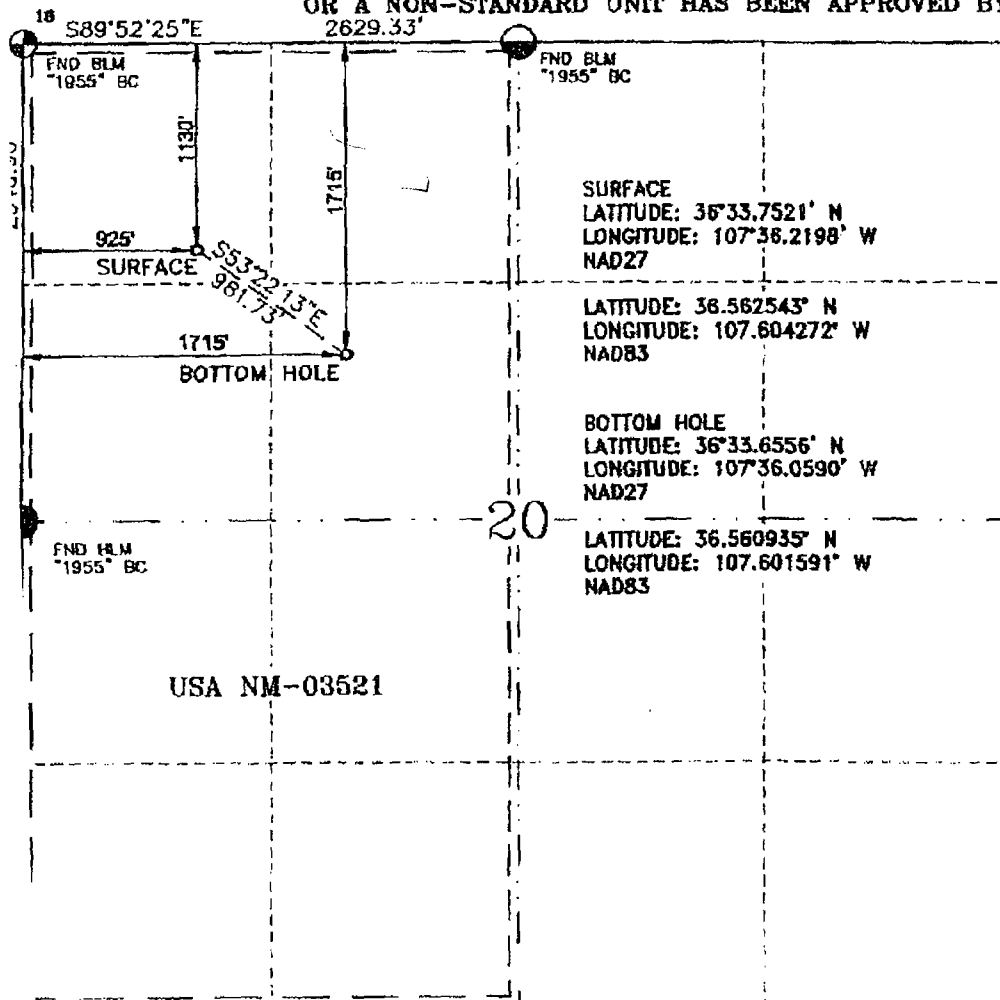
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Min	Feet from the	North/South line	Feet from the	East/West line	County
D	20	27-N	7-W		1130	NORTH	925	WEST	RIO ARriba

## 11 Bottom Hole Location If Different From Surface

UL or lot no. F	Section 20	Township 27-N	Range 7-W	Lot Idn	Feet from the 1715	North/South line NORTH	Feet from the 1715	East/West line WEST	County RIO ARriba
<sup>15</sup> Dedicated Acres CHCRA 160.0 ACRES NW/4 MV/DK 320.00 ACRES W/2			<sup>16</sup> Joint or Intll		<sup>17</sup> Consolidation Code		<sup>18</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



## 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 unlabeled mineral interest in the land including the proposed bottom hole location or has a right to drill the well at this location pursuant to a contract with an owner of such a mineral or a working interest, or is a voluntary pooling agreement or a compulsory pooling order heretofore entered by the district.

Signature Crystal Tafoya 4/16/09  
Printed Name Crystal Tafoya 4-16-09

## 18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plot 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.

2-22-68

Date of Survey

Signature of Licensed Professional Surveyor

GLENN W. RUSSELL  
NEW MEXICO  
15703  
LICENSED PROFESSIONAL SURVEYOR

26644 Revised

Certificate Number 15703

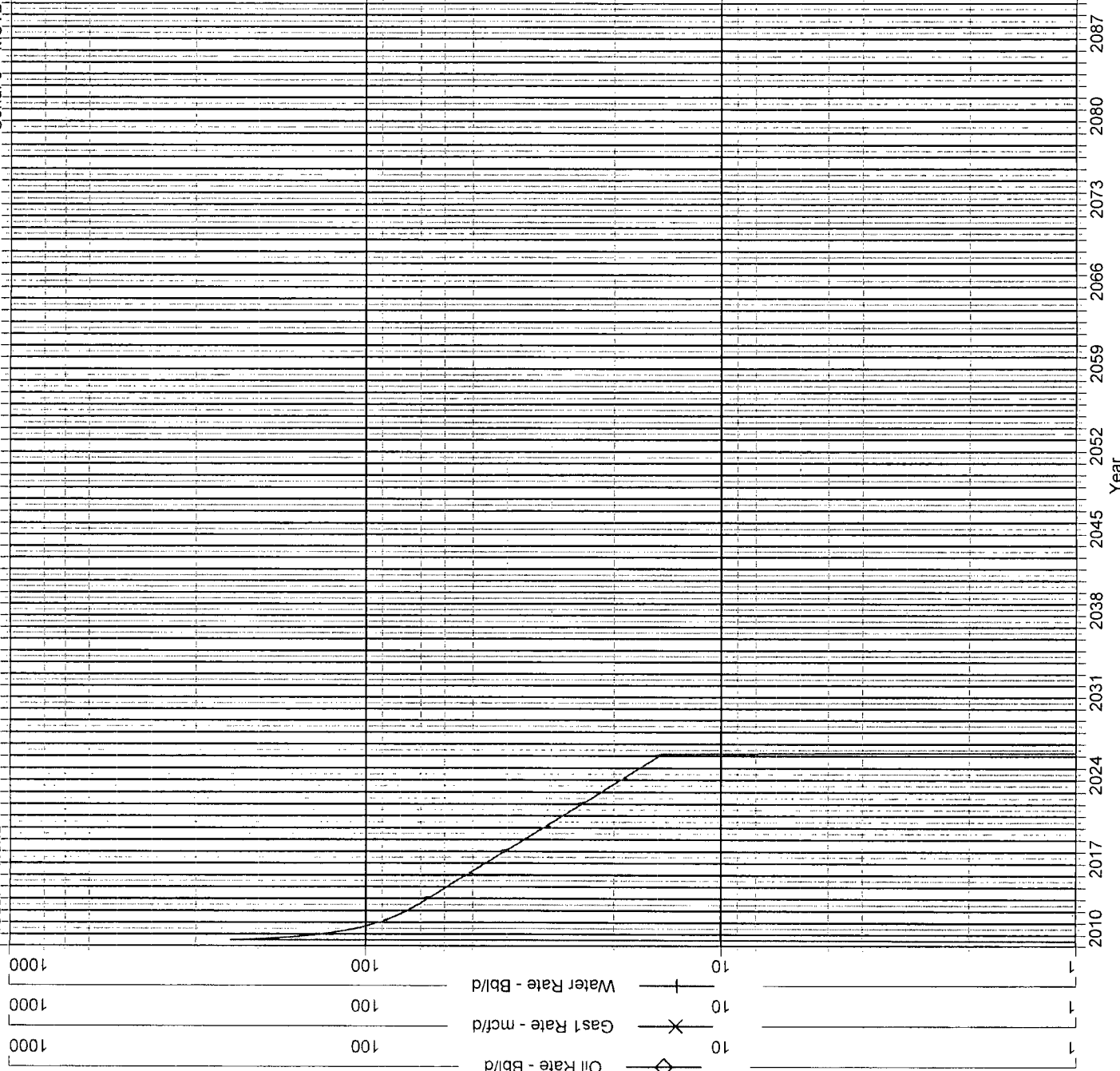


SAN JUAN 28-7 UNIT 111N MV Data: Mar. 2010-Mar. 2010

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



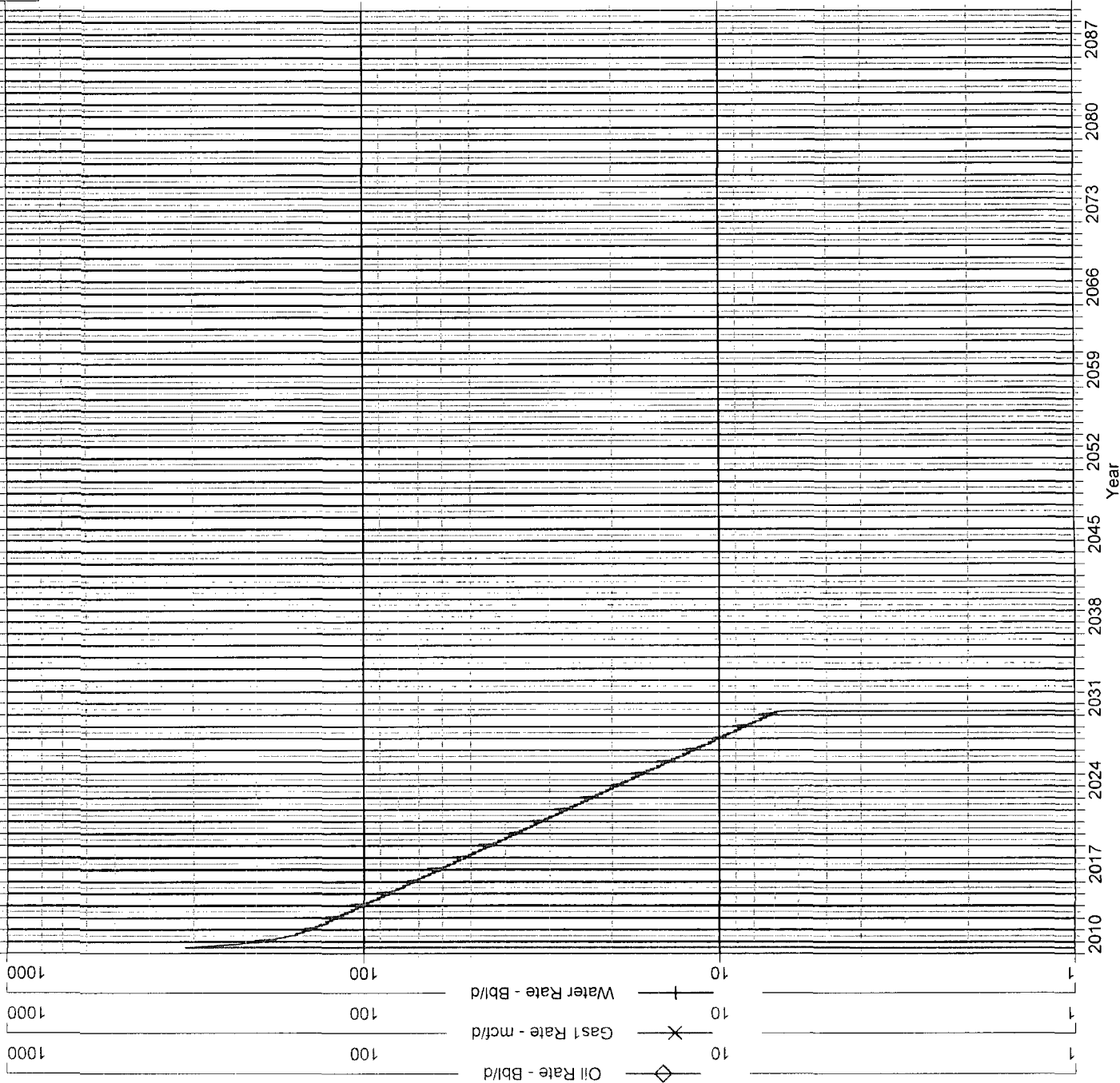


SAN JUAN 28-7 UNIT 111N DK Data: Mar.2010-Mar.2010

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





SAN JUAN 28-7 UNIT 111N CH

Data: Mar.2010-Mar.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

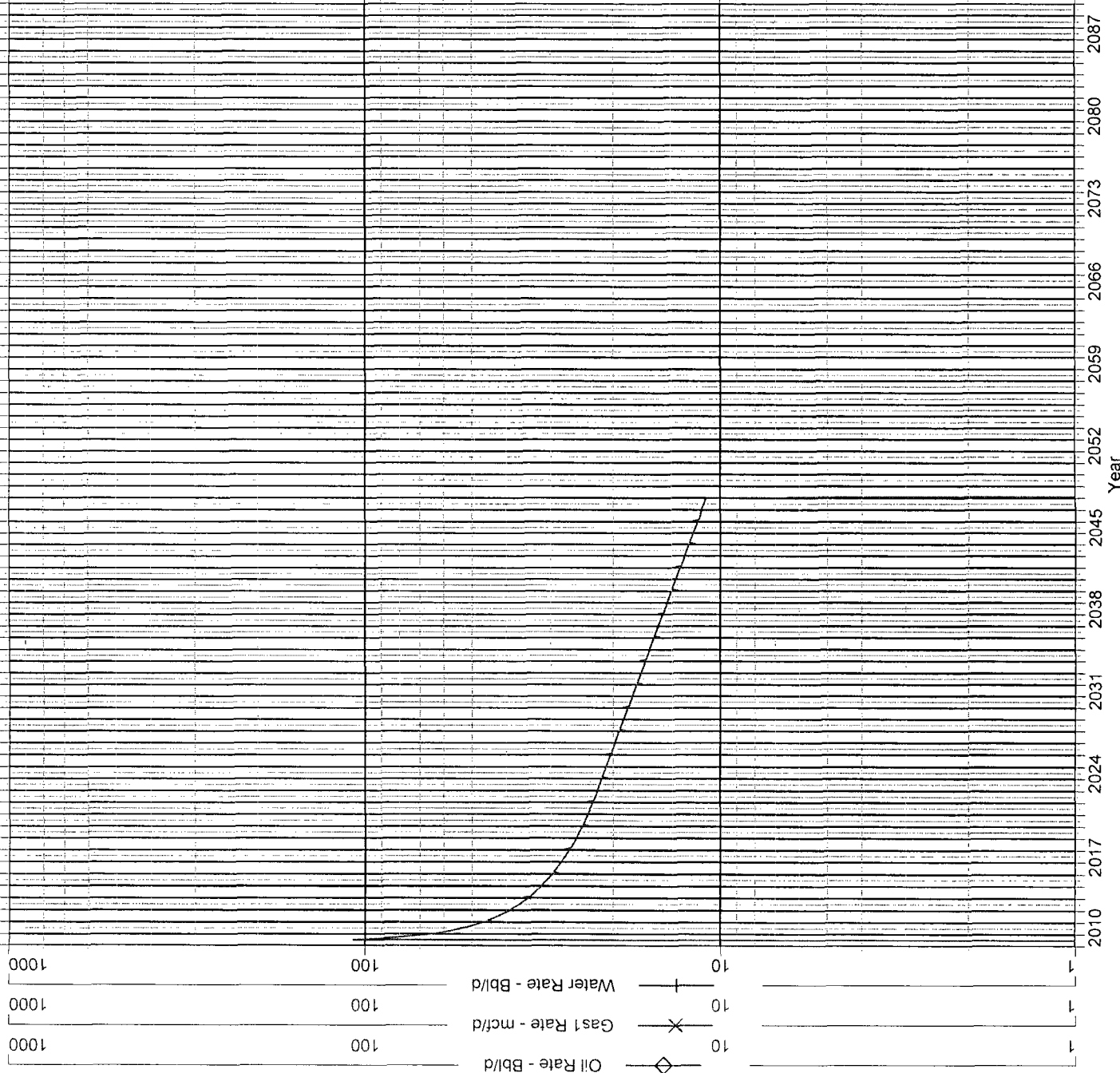
Cum: 0.00

Gas1 Rate - mcf/d

Cum: 0.00

Water Rate - Bbl/d

Cum: 0.00





**Brooks, David K., EMNRD**

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**From:** Brooks, David K., EMNRD  
**Sent:** Monday, October 04, 2010 3:56 PM  
**To:** 'dollie.l.busse@conocophillips.com'  
**Subject:** San Juan 28-7 Unit Well #111N; DHC Application

Dear Ms. Busse

I have in hand the reference down-hole commingling application.

On the Administrative Application Checklist you have checked that notice is required to working and royalty interest owners, and emphasized that by highlighting. However, on the Form C-107A, you have checked "Yes" as the answer to the question, "Are all working, royalty and overriding royalty interests identical in all commingled zones?"

If all interests are identical, notice is not required. If interests are not identical, and notice is required, we will need a list of the persons to whom notice was sent, identifying if they are working or royalty owners and the formation in which they own an interest, and also a statement of the date on which notices were sent.

Please advise

Sincerely

David K. Brooks  
Legal Examiner





# New Mexico Energy, Minerals and Natural Resources Department

**Bill Richardson**

Governor

**Jim Noel**

Cabinet Secretary

**Karen W. Garcia**

Deputy Cabinet Secretary

**Mark Fesmire**

Division Director

Oil Conservation Division



October 18, 2010

Mr. Bill N. Akwari  
ConocoPhillips Company  
P.O. Box 4289  
Farmington, NM 87499

**Re: San Juan 28-7 Unit Well No. 11N  
API No. 30-039-30808  
Down Hole Commingling Application**

Dear Mr. Akwari

OCD received the referenced application on August 27, 2010.

On October 4, 2010, I sent a email to Dollie Busse pointing out a discrepancy between the information furnished on the Application Checklist and the information on the Form C-107-A regarding necessity of notice of this application to owners.

I am unable to find that I have received a response to my October 4 inquiry, and accordingly return this application herewith.

Sincerely

David K. Brooks

Legal Examiner

505-476-3450

david.brooks@state.nm.us

Oil Conservation Division

1220 South St. Francis Drive • Santa Fe, New Mexico 87505

Phone (505) 476-3440 • Fax (505) 476-3462 • [www.emnrd.state.nm.us/OCD](http://www.emnrd.state.nm.us/OCD)

