

DATE IN <u>3.13.12</u>	SUSPENSE	ENGINEER <u>W V J</u>	LOGGED IN <u>3.13.12</u>	TYPE <u>DHC</u>	APP NO. <u>1207356896</u>
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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  
2/7/12  
2012 MAR 13 AM 11:47  
Scott Federal 6P

## ADMINISTRATIVE APPLICATION CHECKLIST 30-039-31010

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 3/12/12  
 Title Date

Scott Federal #6P  
 30-039-31010

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

PC

1625 N. French Drive, Hobbs, NM 88240

Form C-107A  
Revised June 10, 2003

1301 W. Grand Avenue, Artesia, NM 88210

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

X Single Well

1000 Rio Brazos Road, Aztec, NM 87410

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

## APPLICATION FOR DOWNHOLE COMMINGLING

### EXISTING WELLBORE

Yes      X      No

Operator

Address

## Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No: 217817 Property Code 31608 API No. 300393101000003 Lease Type: ☒ Federal ☐ State ☐ Fee

### **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?

Yes X No \_\_\_\_\_  
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 3/8/12

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

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

pc

SCOTT FEDERAL 6P  
Unit N, Section 17, T026N, R006W  
BOTTOM HOLE  
Unit L, Section 17, T026N, R006W

The SCOTT FEDERAL 6P 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. Initial Oil allocation will be the same as the gas initial allocation until the first liquid sale is completed. After completing the first liquid sale and using known Dakota and Mesaverde liquid yields from offset Stand Alone wells a system of linear equations will be solved for Mancos liquid yield, and that Mancos liquid yield will be used in conjunction with the Mesaverde and Dakota liquid yields to calculate the oil allocations. The oil allocation will be calculated in a way that is a function of individual formation Gas production and Individual formation liquid yields. All documentation will be submitted to the Aztec NMOCD office.

(1) Pressures are estimated based on 3 XTO completed wells in the area:

Breech C #323F - 26N-6W-14J MV - 681; MC - 989; DK - 1442  
Breech C #244G - 26N-6W-14D MV - 681; MC - 986; DK - 1443  
Breech E #89F - 16N-6W-3D MV - 676; MC - 981; DK - 1493

DISTRICT I  
1925 N. French Dr., Hobbs, N.M. 88240

DISTRICT II  
1801 W. 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

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

<sup>1</sup> API Number 30-039-31010	<sup>2</sup> Pool Code 72319/71599/97232	<sup>3</sup> Pool Name BLANCO MESAVERDE / BASIN DAKOTA /MANCOS
<sup>4</sup> Property Code 31608	<sup>5</sup> Property Name SCOTT FEDERAL	<sup>6</sup> Well Number 6 P
<sup>7</sup> GRID No. 217817	<sup>8</sup> Operator Name CONOCOPHILLIPS COMPANY	<sup>9</sup> Elevation 6720'

<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
N	17	26N	6W		1260'	SOUTH	1887'	WEST	RIO ARRIBA

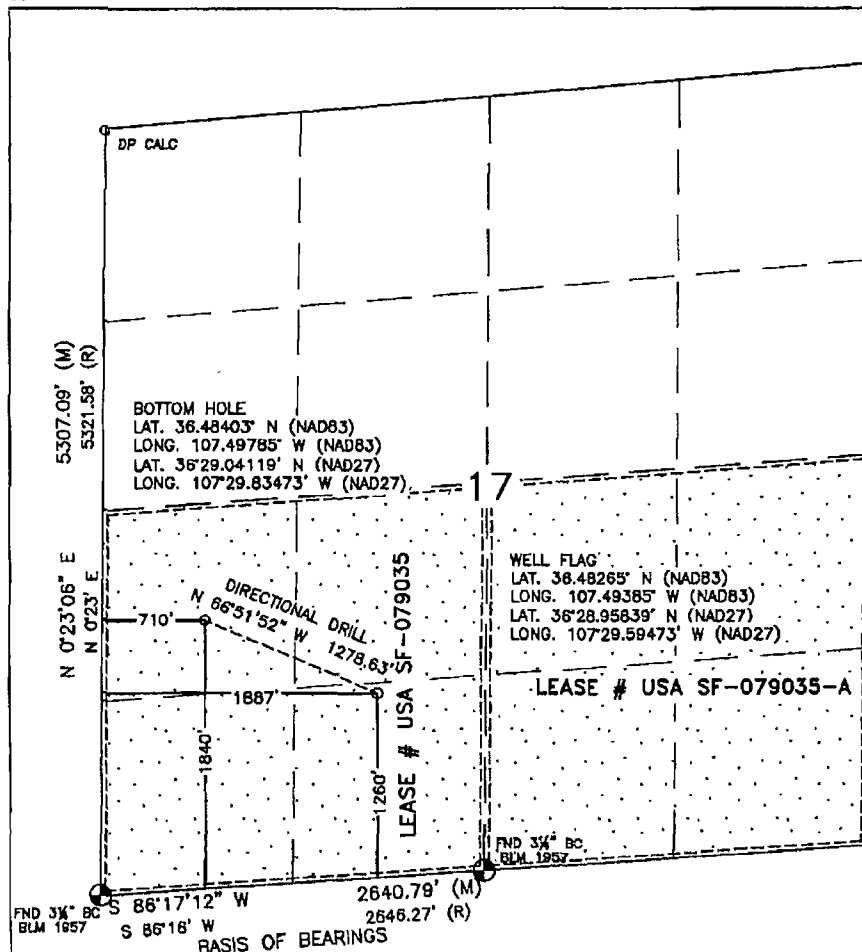
<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	17	26N	6W		1840'	SOUTH	710'	WEST	RIO ARRIBA

<sup>12</sup> Dedicated Acres 320.00 ACRES - S/2	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

16



<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.

*Arleen Kellywood* 11/28/11  
Signature Date

Arleen Kellywood  
Printed Name

<sup>18</sup> SURVEYOR CERTIFICATION

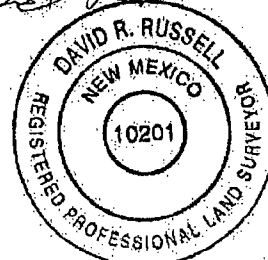
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

NOVEMBER 18, 2009

Date of Survey

Signature and Seal of Professional Surveyor:

*David R. Russell*



DAVID RUSSELL

Certificate Number

10201

# SCOTT FEDERAL 6P DK Data: Mar.2012-Mar.2012

Operator: Unknown

Field: No Active Forecast

Zone:

Type:

Group: Other

None

Production Cums

Oil: 0.000000 MSTB

Gas: 806.826651 MMSCF

Water: 0.000000 MSTB

Cond: 11.142422 MSTB

Oil Rate - Bbl/d

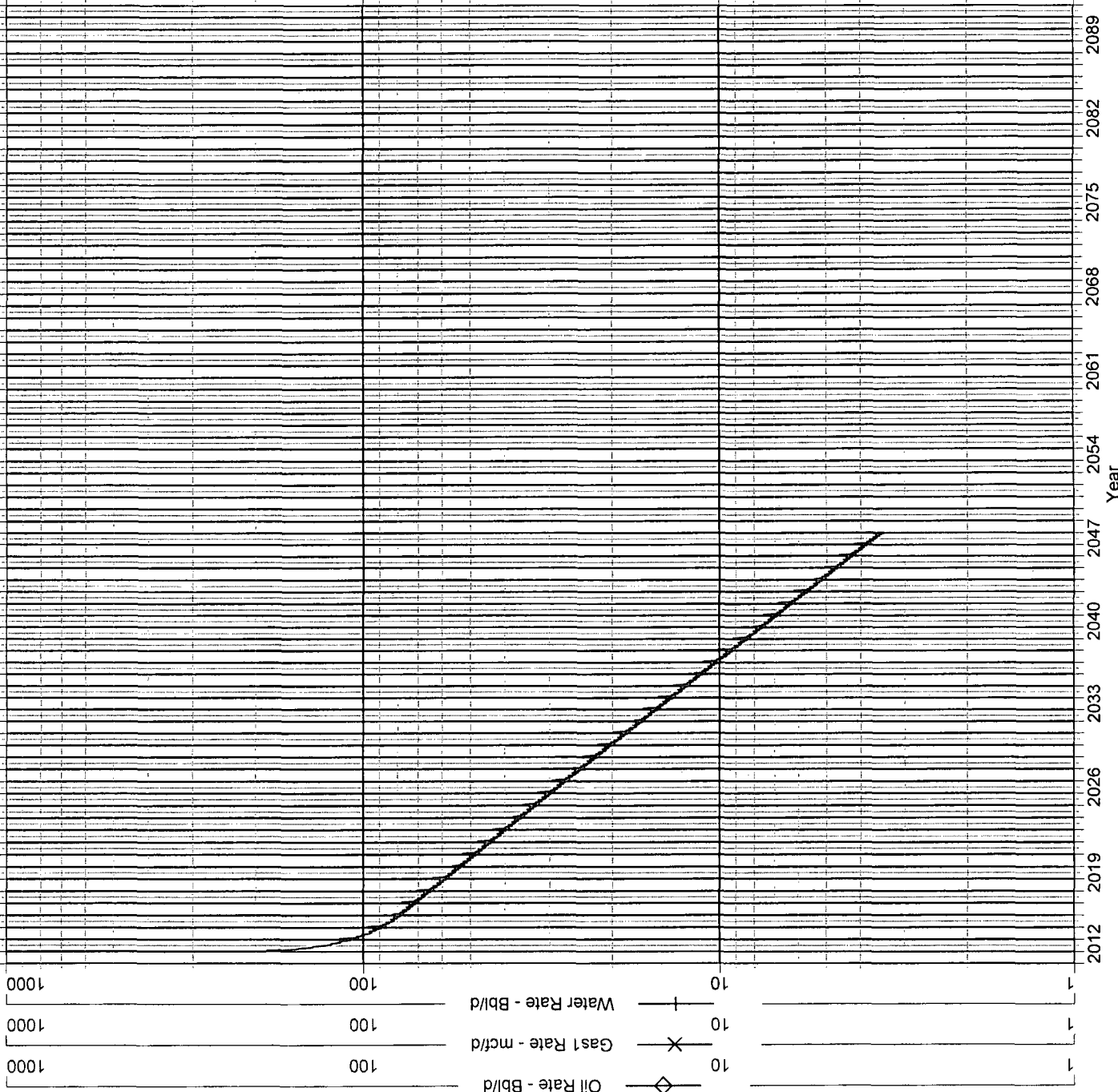
Cum: 0.00

Gas1 Rate - mcf/d

Cum: 0.00

Water Rate - Bbl/d

Cum: 0.00



# SCOTT FEDERAL 6P MC Data: Mar. 2012-Mar. 2012

Operator: Unknown

Field:

Zone:

Type: Other

Group: None

No

Active

Forecast

Production Cums

Oil: 0.000000 MSTB

Gas: 185.920288 MMSCF

Water: 0.000000 MSTB

Cond: 2.567593 MSTB

Oil Rate - Bbl/d

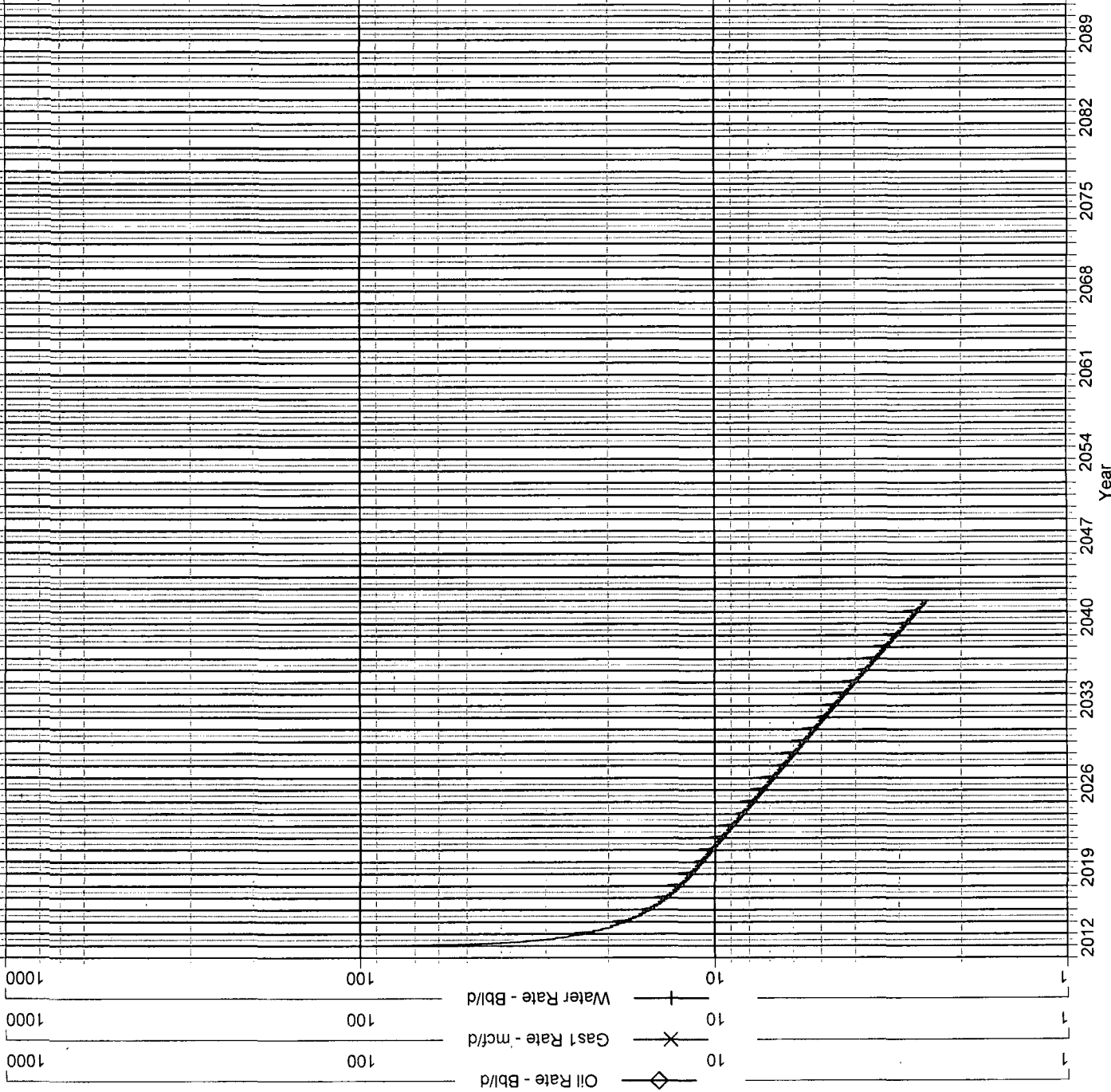
Cum: 0.00

Gas1 Rate - mcf/d

Cum: 0.00

Water Rate - Bbl/d

Cum: 0.00



SCOTT FEDERAL 6P MV Data: Mar.2012-Mar.2012

Operator: Unknown

Field:

Zone:

Type: Other

Group: None

No

Active

Forecast

Production Cums

Oil: 0.000000 MSTB

Gas: 409.628563 MMSCF

Water: 0.000000 MSTB

Cond: 7.487524 MSTB

Oil Rate - Bbl/d

Cum: 0.00

Gas1 Rate - mcf/d

Cum: 0.00

Water Rate - Bbl/d

Cum: 0.00

