

DATE IN 6/30/09	SUSPENSE	ENGINEER Jones	LOGGED IN 6/30/09	TYPE DHC	APP NO. 0918148769
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RECEIVED
 NEW MEXICO OIL CONSERVATION DIVISION
 2009 JUN 30 PM 1 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



30-039-25136
 San Juan 31-6 Unit #36E
 ConocoPhillips (217817)
 E-27-31W-6W

ADMINISTRATIVE APPLICATION CHECKLIST

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.

Kelly Jeffery
 Print or Type Name

Signature

Regulatory Technician
 Title

Date

Kelly.r.jeffery@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

☒ Single Well

☐ Establish Pre-Approved Pools

EXISTING WELLBORE

☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

ConocoPhillips

Operator

P.O.Box 4289 Farmington, NM 87499

Address

San Juan 31-6 Unit

36E

Unit I, Sec. 27, 031N, 006W

Rio Arriba

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No: 217817 Property Code 31328 API No. 30039251360000 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	UNP-2 ROSA PICTURE CLIFF		BLANCO MESA VERDE
Pool Code	96175		72319
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3278'-3400' Estimated		5628'- 5851'
Method of Production (Flowing or Artificial Lift)	NEW ZONE		FLOWING
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)	900 psi		400 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1000		BTU 1000
Producing, Shut-In or New Zone	NEW ZONE		PRODUCING
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: DEC 2008 Rates: 1243 MCF
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

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 6/24/09

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

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

San Juan 31-6 Unit 36E
Unit I, Section 27, T31N, R06W

The San Juan 31-6 Unit 36E is a Blanco Mesa Verde and Rosa Picture Cliff commingle. The subtraction method will be used to determine the allocation percentages between the Blanco Mesa Verde and Rosa Picture Cliff. The subtraction method applies an average monthly production forecast to the base formation using historic production. All production from this well exceeding the forecast will be allocated to the new formations(s). The new fix percentage based allocation will be calculated from average production rates for the fourth year after the recompletion (month 37-48). All documentation will be submitted to the Aztec NMOCD office.

San Juan 31-6 Unit 36E
Unit I, Section 27, T31N, R06W

The interest for the well is common, no notification was required.

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

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

District III
1000 Rio Brazos Rd., Aztec, NM 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 August 15, 2000
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-25136	² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 009259	⁵ Property Name San Juan 31-6 Unit	⁶ Well Number 36E
⁷ OGRID No. 017654	⁸ Operator Name PHILLIPS PETROLEUM COMPANY	⁹ Elevation 6441'

¹⁰ Surface Location

UL or lot no.	Section	Tship	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	27	31N	6W		1484'	SOUTH	836'	EAST	RIO ARriba

11 Bottom Hole Location If Different From Surface

[illegible]

¹² Dedicated Acres 320 E/2	¹³ Joint or Infill I	¹⁴ Consolidation Code U	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

16				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Patsy Cluston</i> Signature PATSY CLUSTON Printed Name SHEAR ADMINISTRATIVE ASSISTANT Title 11/11/02 Date
	SECTION 27	SF-078999 2560.0 acres		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. SEE ORIGINAL C102 Date of Survey Signature and Seal of Professional Surveyor: SIGNED BY Henry Broadhurst on 7/25/91 11393 Certificate Number
			836' 1484'	

District I

1625 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., Aztec, 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

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form C-102
Permit 95633

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-039-25136	2. Pool Code 96175	3. Pool Name ROSA, PICTURED CLIFFS (G)
4. Property Code 31328	5. Property Name SAN JUAN 31 6 UNIT	6. Well No. 036E
7. OGRID No. 217817	8. Operator Name CONOCOPHILLIPS COMPANY	9. Elevation 6441

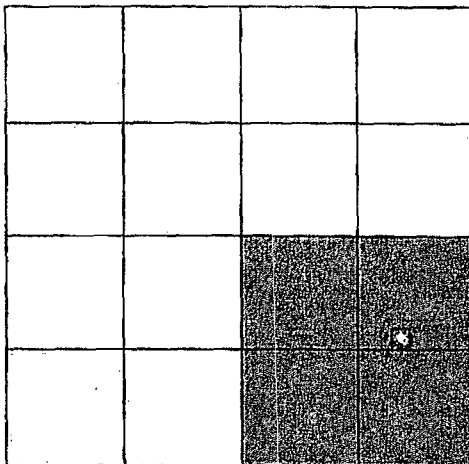
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
1	27	31N	06W		1484	S	836	E	RIO ARRIBA

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
12. Dedicated Acres SE/160.00 E/320.00		13. Joint or Infill		14. Consolidation Code		15. Order No.			

SE/4 --160 acres for PC Spacing/Density. E/2 --320 acres for Fed Unit Agree. DB Spacing
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



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(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.

E-Signed By: **Kelly Jeffery**
Title: **Regulatory Tech.**
Date: **5-13-09**

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.

Surveyed By: **Henry Broadhurst**
Date of Survey: **9/11/1991**
Certificate Number: **11393**

pk

SAN JUAN 31-6 UNIT 36E PC RC

Data: Jun.2009-Jun.2009

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

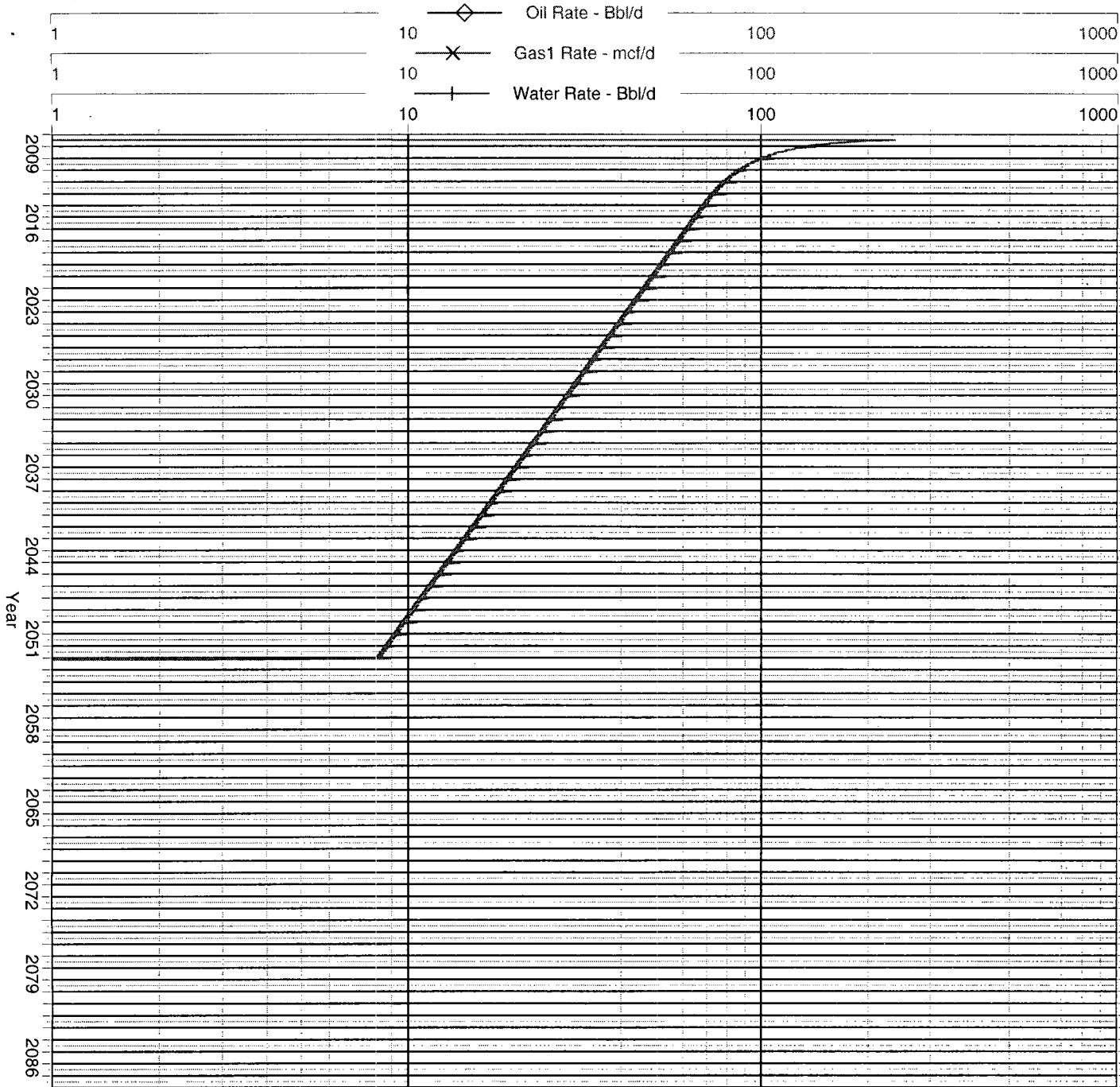
Cum: 0.00

Gas1 Rate - mcf/d

Cum: 0.00

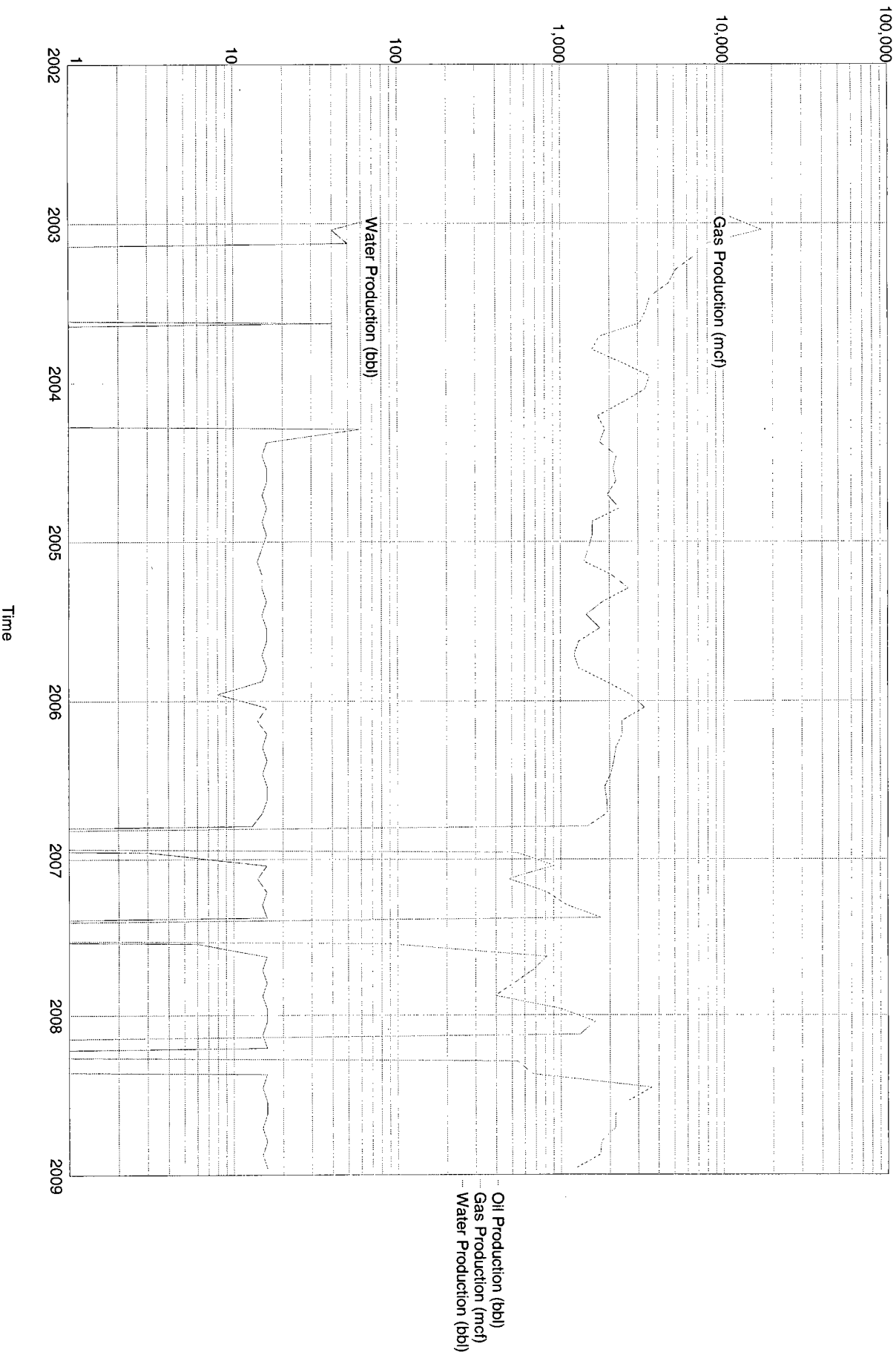
Water Rate - Bbl/d

Cum: 0.00



Lease Name: SAN JUAN 31 6 UNIT
County, State: RIO ARBA, NM
Operator: CONOCOPHILLIPS COMPANY
Field: BLANCO
Reservoir: MESAVERDE
Location: 27 31N 6W SW NE SE

SAN JUAN 31 6 UNIT - BLANCO



RIO ARRIBA NM
 SAN JUAN 31 6 UNIT 36E
 CONOCOPHILLIPS COMPANY
 ACTIVE

Detailed Production Report

Lease Name: SAN JUAN 31 6 UNIT Lease Number: Operator Name: CONOCOPHILLIPS COMPANY State: NEW MEXICO County: RIO ARRIBA Field: BLANCO Sec Twn Rng: 27I 31N 6W Latitude/Longitude: 36.8674 -107.44349 Regulatory #: API: 30039251360001 Production ID: 2300430392513672319 Reservoir Name: MESAVERDE Prod Zone: MESAVERDE Prod Zone Code: 604MVRD Basin Name: SAN JUAN BASIN Gas Gatherer: Liquid Gatherer: Status: ACTIVE	Well Number: 36E Cum Oil: Cum Gas: 167,862 Cum Water: 1,059 First Production Date: DEC 2002 Last Production Date: DEC 2008 Spot: SW NE SE Lat/Long Source: TS Completion Date: NOV 29, 2002 Total Depth: Upper Perforation: Lower Perforation: Gas Gravity: Oil Gravity: Temp Gradient: N Factor: GOR:
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Annual Production	(7 years)		
Year	Oil BBLs	Gas MCF	Water BBLs

Beginning

Cum:			
2002		10,891	80
2003		60,799	130
2004		25,050	185
2005		20,952	176
2006		22,153	155
2007		8,554	161
2008		19,463	172
Totals:		167,862	1,059

Monthly Production

Date MO/YR	Oil BBLs	Gas MCF	Water BBLs	Cond Yld STB/MMCF	% Water	# of Wells	Days on
DEC 2002		10,891	80			1	30
Totals:							
2002		10,891	80				

JAN 2003	17,146	40	1	31
FEB 2003	7,968	50	1	28
MAR 2003	6,627	0	1	31
APR 2003	5,123	0	1	30
MAY 2003	4,628	0	1	31
JUN 2003	3,570	0	1	30
JUL 2003	3,387	0	1	31
AUG 2003	3,094	40	1	31
SEP 2003	1,745	0	1	30
OCT 2003	1,574		1	31
NOV 2003	2,395		1	30
DEC 2003	3,542		1	31
Totals:				
2003	60,799	130		
JAN 2004	3,331	0	1	31
FEB 2004	2,429	0	1	29
MAR 2004	1,698	0	1	31
APR 2004	1,886	60	1	30
MAY 2004	1,753	16	1	31
JUN 2004	2,220	15	1	30
JUL 2004	2,118	16	1	31
AUG 2004	2,204	16	1	31
SEP 2004	1,951	15	1	30
OCT 2004	2,312	16	1	31
NOV 2004	1,576	15	1	30
DEC 2004	1,572	16	1	31
Totals:				
2004	25,050	185		
JAN 2005	1,492	15	1	31
FEB 2005	1,400	14	1	28
MAR 2005	2,059	15	1	31
APR 2005	2,618	15	1	30
MAY 2005	1,838	16	1	31
JUN 2005	1,443	15	1	30
JUL 2005	1,752	16	1	31
AUG 2005	1,289	16	1	31
SEP 2005	1,210	15	1	30
OCT 2005	1,295	16	1	31
NOV 2005	1,877	15	1	30
DEC 2005	2,679	8	1	16
Totals:				
2005	20,952	176		
JAN 2006	3,283	16	1	31
FEB 2006	2,388	14	1	28
MAR 2006	2,401	16	1	31
APR 2006	2,190	15	1	30
MAY 2006	2,130	16	1	31
JUN 2006	2,036	15	1	30
JUL 2006	1,868	16	1	31
AUG 2006	1,927	16	1	31
SEP 2006	1,937	15	1	30
OCT 2006	1,462	13	1	26
NOV 2006	0	0	0	0

DEC 2006	531	3	1	5
Totals:				
2006	22,153	155		
JAN 2007	916	16	1	31
FEB 2007	477	14	1	28
MAR 2007	820	16	1	31
APR 2007	1,079	15	1	30
MAY 2007	1,769	16	1	31
JUN 2007	0	0	0	0
JUL 2007	90	6	1	12
AUG 2007	819	16	1	31
SEP 2007	680	15	1	30
OCT 2007	520	16	1	31
NOV 2007	394	15	1	30
DEC 2007	990	16	1	31
Totals:				
2007	8,554	161		
JAN 2008	1,624	16	1	31
FEB 2008	1,310	15	1	29
MAR 2008	0	16	1	0
APR 2008	539	0	1	30
MAY 2008	674	16	1	31
JUN 2008	3,633	15	1	30
JUL 2008	2,600	16	1	31
AUG 2008	2,163	16	1	31
SEP 2008	2,163	15	1	30
OCT 2008	1,775	16	1	31
NOV 2008	1,739	15	1	30
DEC 2008	1,243	16	1	31
Totals:				
2008	19,463	172		