

DATE IN <u>10.7.11</u>	SUSPENSE	ENGINEER <u>WVJ</u>	LOGGED IN <u>10.7.11</u>	TYPE <u>DHC</u>	APP NO. <u>1128035118</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



PTLW
4479
RECEIVED
ConocoPhillips
217817
OCT -6 A 12:54
San Juan 31-6 Unit 22SA

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 _____

Fed
Rio

[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

Title

10/5/11

Date

arleen.r.kellywood@conocophillips.com

e-mail Address

SJ 31-6 22SA
30-039 31079

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

DHC-4479

ConocoPhillips Company
Operator

P.O.Box 4289 Farmington, NM 87499
Address

San Juan 31-6 Unit 225A Unit F, Sec. 31, 031N, 006W Rio Arriba
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No: 217817 Property Code 31328 API No. 300393107900000 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	BASIN FRUITLAND COAL		UNDES ROSA PICTURED CLIFFS
Pool Code	71629		96175
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3050'-3200' Estimated		3250'-3350' Estimated
Method of Production (Flowing or Artificial Lift)	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)	N/A - 150% Rule		N/A - 150% Rule
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1000		BTU 1000
Producing, Shut-In or 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: Rates:	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	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 10/3/11 DATE

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 225A
Surface - Unit F, Section 31, T31N, R06W
Bottom Hole - Unit E, Section 31, T31N, R06W

The San Juan 31-6 Unit 225A is a Fruitland Coal and Pictured Cliffs New Drill. A cased hole neutron log will be run prior to completion to identify the Fruitland Coal and Pictured Cliffs zones. If the Fruitland Coal and Pictured Cliffs 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 Fruitland Coal, Fruitland Sand and Pictured Cliffs can not be tested separately, a volumetric calculation will be performed to determine the allocation percentages between the Fruitland Coal and Pictured Cliffs. All documentation will be submitted to the Aztec NMOCD office.

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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
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-31078	² Pool Code 96175 - 71629	³ Pool Name ROSA PICTURED CLIFFS - BASIN FRUITLAND COAL
⁴ Property Code 31328	⁵ Property Name SAN JUAN 31-6 UNIT	⁶ Well Number 225A
⁷ GRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 5224'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
F	31	31N	6W		2620	NORTH	1380	WEST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
E	31	31N	6W		1500	NORTH	760	WEST	RIO ARRIBA
¹² Dedicated Acres	160.0 Acres (NW/4) - PC				¹³ Junk or Infill	¹⁴ Consolidation Code	¹⁵ Order No.		
	320.0 Acres (W/2) - FC								

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 5271.15' (MEASURED) 5273.40' (RECORD) NW/4 - 160.0 Acres for PC Spacing / Density W/2 - 320.0 Acres for Federal Unit Agreement	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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Brandie Blakley</u> Date: <u>2/18/10</u> Printed Name: <u>Brandie Blakley</u>
¹⁹ 5280.00' (RECORD) 5279.10' (MEASURED)	

5280.00' (RECORD)
5275.35' (MEASURED)

LEASE
SF-078995

GRID NORTH
0°12'
TRUE NORTH
0°15'
MAGNETIC NORTH

31

5265.66' (MEASURED)

5280.00' (RECORD)

5279.10' (MEASURED)

5271.15' (MEASURED)
5273.40' (RECORD)

1500'

760'

1135'

1380'

1255'

1875'

2620'

2620'

1279.3'

N29°20.3'W

SURFACE LOCATION
LAT: 36°51'36.35"N
LONG: 107°30'50.53"W
DATUM: NAD1983

BOTTOM-HOLE
LAT: 36°51'54.76"N
LONG: 107°30'50.53"W
DATUM: NAD1983

LAT: 36°55'06.7"N
LONG: 107°30'47.75"W
DATUM: NAD1983

LAT: 36°55'06.7"N
LONG: 107°30'47.75"W
DATUM: NAD1983

SAN JUAN 31-6 UNIT 225A PC Data: Sep.2011-Sep.2011

Operator: Unknown

Field:

Zone:

Type:

Group:

No

Active

Forecast

Production Cums

Oil: 0 MSTB

Gas: 0 MMSCF

Water: 0 MSTB

Cond: 0 MSTB

Oil Rate - Bbl/d

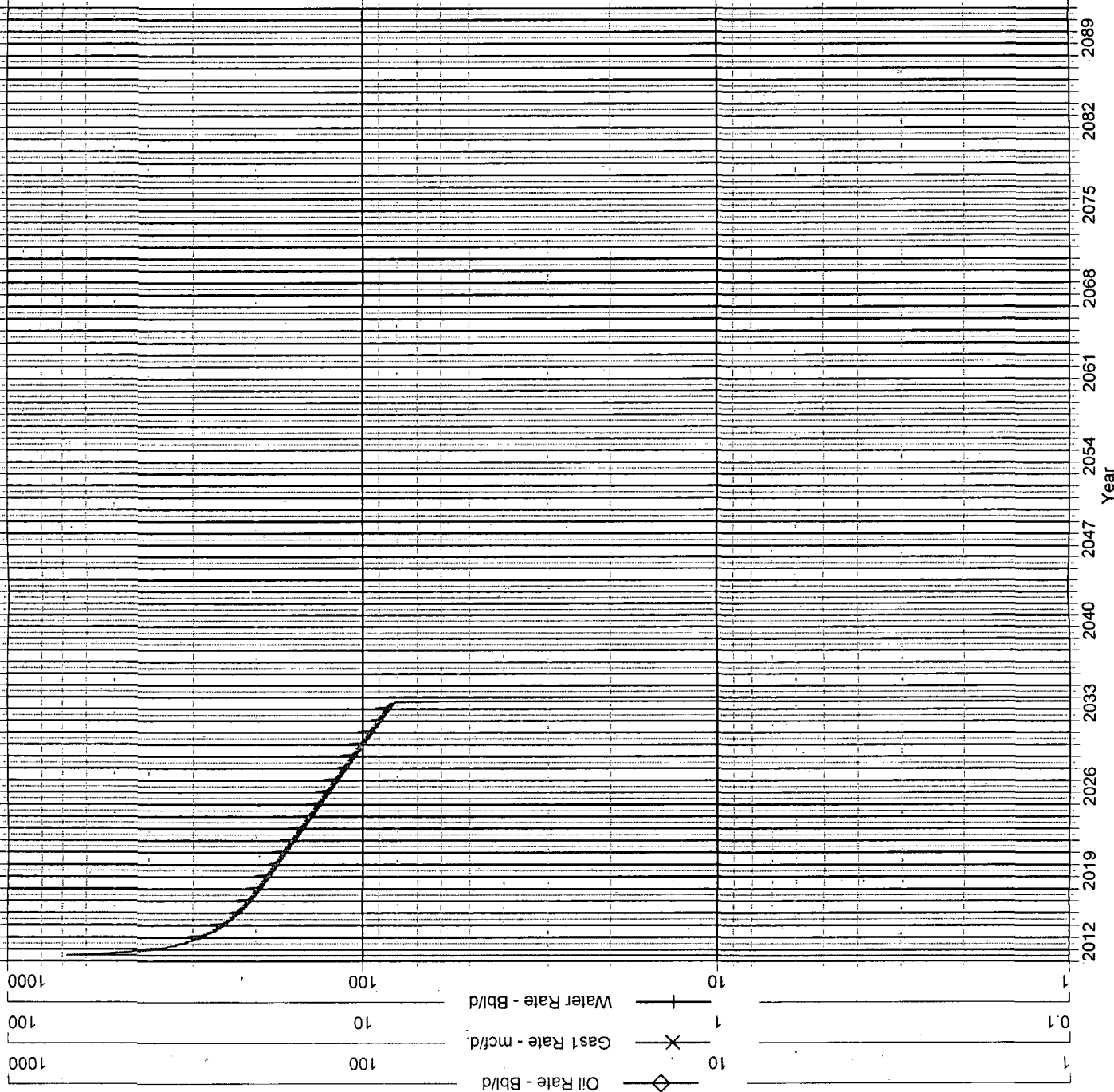
Cum: 0.00

Gas1 Rate - mcf/d

Cum: 0.00

Water Rate - Bbl/d

Cum: 0.00



SAN JUAN 31-6 UNIT 225A FC Data: Sep 2011-Sep 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

