

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMSF 078281

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well

8. Well Name and No.

SAN JUAN 29-5 UNIT 25A

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Contact: DEBORAH MARBERRY

9. API Well No.

30-039-21556

CONOCOPHILLIPS

E-Mail: deborah.marberry@conocophillips.com

3a. Address

P.O. BOX 2197 WL3 6108
HOUSTON, TX 77252-2197

3b. Phone No. (include area code)

Ph: 832.486.2326
Fx: 832.486.2764

10. Field and Pool, or Exploratory

MESAVERDE / FRUITLAND COAL

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 18 T29N R5W SWSE 800FSL 1810FEL

11. County or Parish, and State

RIO ARRIBA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☒ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

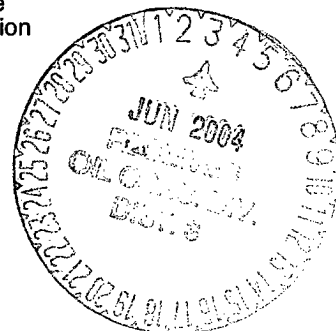
☐ Water Shut-Off

☐ Well Integrity

☐ Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

ConocoPhillips requests approval to recompleate this well to the Basin Fruitland Coal and downhole commingle with the existing Mesaverde. Attached is the procedure, downhole commingle application to the NMOCD and the subtraction allocation for the well.



No DHC order 6-7-04

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #30099 verified by the BLM Well Information System
For CONOCOPHILLIPS, sent to the Farmington
Committed to AFMSS for processing by MATTHEW HALBERT on 05/24/2004 ()

Name (Printed/Typed) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 04/28/2004

CONDITIONS OF APPROVAL
THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Adhere to previously issued stipulations.
Original Signed: Stephen Mason

Title

JUN 8 1 2004

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****



San Juan Recompletion Procedure

SJ 29-5 #25A

Objective / Purpose / Scope of Work: RU work-over unit and pull tubing. Isolate Mesa Verde with bridge plug. Perforate and fracture-stimulate the Fruitland Coal. Cleanout out well and commingle the Fruitland Coal & Mesa Verde.

WELL DATA

(refer to attached Wellview wellbore diagram & Group data for more details)

API: 300392155600

TWN: 29 N **RNG:** 5 W **Section:** 18 **Spot:** O

Lat: 36° 72' 4.94" N **Long:** 107° 39' 53.02" W

KB Elev: 6581' **GL Elev:** 6568'

TD: 5884' **PBTD:** 5822'

Current Producing Zones: Mesa Verde

OA perf interval for respective Zones: 4290-4395', 4328-4333', 4348-4353', 4374-4379', 4540-4545', 4616-4621', 4666-4671', 4688-4693', & 5372-5790'

Proposed Completion: Fruitland Coal

Proposed Perf Interval: To be determined from TDT log

Casing and Tubing

	OD (in)	Depth (ftKB)	ID/Drift (inches)	Weight (#/ft)	Grade	Burst (psi)	Collapse (psi)	Cmt top
Surface	9.625	192	8.921	36.0	J-55	3520	2020	Surf
Intermediate	7.0	3794	6.456	20.0	J-55	3740	2270	2400
Production Liner	4.5	3657-58 84	4.052	10.5	J-55	4790	4010	3657
Tubing	2.375	5750	1.995	4.7	J-55	7700	8100	

Note: Depths are from KBM (13').

Artificial lift on well: Plunger lift

PROCEDURE:

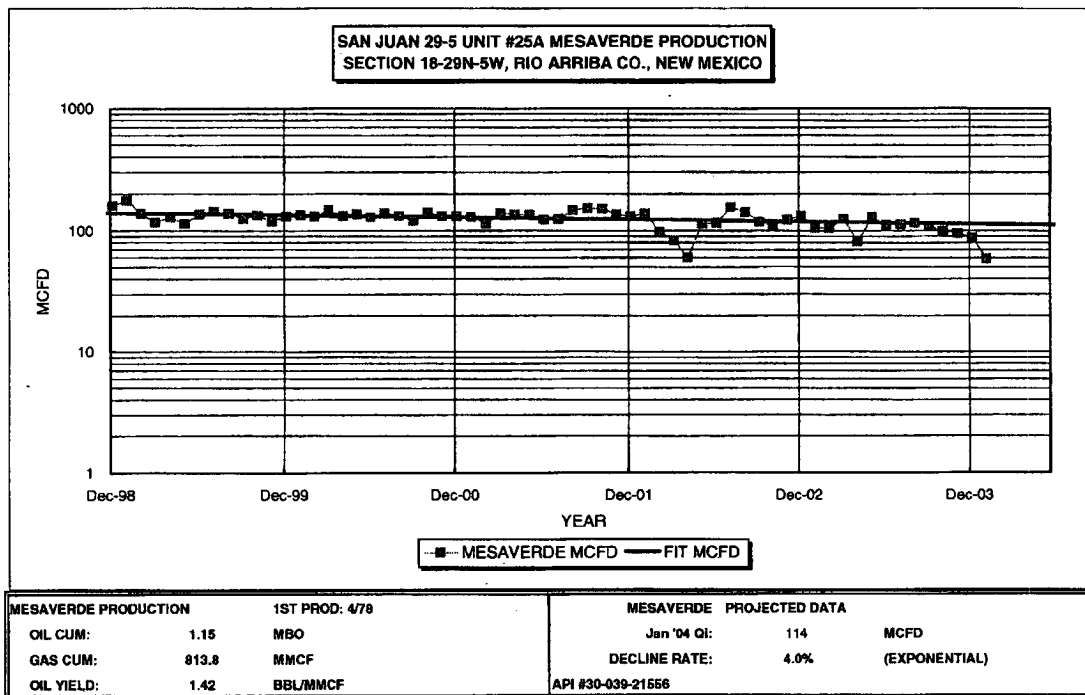
Ensure that well is shut in, energy isolated, locked and tagged out; Cathodic protection disconnected.

1. Notify Operator, Jeremy Brooks 505 486-6786.
2. Prepare Location. Test anchors to 10,000 lbs.
3. Hold Safety Meeting.
4. MI & RU WO rig.

5. This well is a Category 2/Class 2 designation. Thus, two untested or one tested barrier will be needed to kill the well. Kill the well with FSW and sting in with a BPV.
6. ND wellhead and NU BOPE. (Refer to COPC well control manual, Sec 6.13 for pressure testing procedure).
7. Remove the BPV and stab landing joint. POOH w/ tubing. Inspect/drift tubing and replace any bad joints.
8. RIH with composite plug and set in 4.5" 10.5# production liner at 3680'. Dump 50' of sand on top of composite plug.
9. Load well with 2% KCl.
10. Pressure-test the composite plug/casing to 500 lbs.
11. Run TDT log from composite plug to at least 2000', GR to surface (Send log to Houston for selection of perf interval). Run a CBL log from composite plug to 100' feet above TOC, be prepared to pressure-up for micro-annulus effects (estimated top of cement is at 2200'). Send log to Houston for evaluation. If a squeeze is necessary, this procedure will be amended.
12. PU treating packer and ConocoPhillips 4-1/2" frac string, RIH and set at 50' above top selected perf.
13. Pressure-test the composite plug and frac string to 90% allowable documented burst pressure.
14. Perforate proposed interval selected from the TDT log.
15. Fracture stimulate according to Completion Engineer's procedure.
16. Release packer and frac string, POOH.
17. RIH with 2-3/8" tubing, F-nipple, and expendable check and cleanout to composite plug.
18. Pull EOT to mid-perf and pump-out check.
19. Flowback and run C-104 allocation test (submitted to Dan Hensley, RE, and Debbie Marberry, in the Houston office).
20. Pull tubing assembly out of the hole.
21. RIH with mill and drill-out composite to PBTD, POOH.
22. RIH with production string, 1.81" F-nipple, & expendable check on bottom and land at 5050', pump out check. Drift tubing according to Ron Bishop's procedure (included at the end of the procedure).
23. Install BPV. ND BOPE and NU wellhead. Remove BPV. Flow to flow-back tank. If

necessary, swab the well to kick-off prior to moving the WO rig. Call operator (Jeremy Brooks 505 486-6786) upon completion of work. If well was on plunger, ensure the plunger will trip once before rigging down.

24. RD MO rig. NOTIFY regulatory (Patsey or Yolanda or Deb) that work completed.
25. Turn well over to production.



PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION

NOTE: Current yearly decline rate is approximately 4.0%.
This rate is expected to continue for the duration of the well,
based on production trends observed during the life of this well.
Production data from OFM.

YEAR	MID-YEAR AVG. MCFD	MID-YEAR AVG. BOPD
2004	111	0.2
2005	107	0.2
2006	103	0.1
2007	98	0.1
2008	94	0.1
2009	91	0.1
2010	87	0.1
2011	84	0.1
2012	80	0.1
2013	77	0.1
2014	74	0.1
2015	71	0.1
2016	68	0.1
2017	65	0.1
2018	63	0.1
2019	60	0.1
2020	58	0.1
2021	56	0.1
2022	53	0.1
2023	51	0.1
2024	49	0.1
2025	47	0.1
2026	45	0.1
2027	43	0.1
2028	42	0.1
2029	40	0.1
2030	38	0.1
2031	37	0.1
2032	35	0.1
2033	34	0.0
2034	33	0.0
2035	31	0.0
2036	30	0.0
2037	29	0.0
2038	28	0.0
2039	27	0.0
2040	26	0.0
2041	25	0.0
2042	24	0.0
2043	23	0.0
2044	22	0.0

District I
1625 N. French Drive, El Paso, NM 88240

District II
1301 W. Central Avenue, Albuquerque, NM 87102

District III
3189 New Mexico 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 CO.

P.O. BOX 2197 WL3 6108 HOUSTON TX 77252

Operator Address
SAN JUAN 29-5 UNIT 25a O 18 29N 5W RIO ARRIBA
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 217817 Property Code 31325 API No. 30-039-21556 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	BASIN FRUITLAND COAL		BLANCO MESAVERDE
Pool Code	71629		72319
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	To be determined by TDT		4290 - 5790
Method of Production (Flowing or Artificial Lift)	expected artificial lift		artificial lift
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)	800 est.		575
Oil Gravity or Gas BTU (Specify API or Gas BTU)			
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: Rates:	Date: Rates:	Date: 4/25/04 Rates: 110 MCFD + < 1BX + < 1BW
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 Subtraction%	Oil Gas %	Oil Gas % allocation attached

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: R-10770

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 Deborah Marberry TITLE REGULATORY ANALYST DATE 04/20/2004

TYPE OR PRINT NAME DEBORAH MARBERRY TELEPHONE NO. () (832) 486-2326

E-MAIL ADDRESS deborah.marberry@conocophillips.com

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 June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-039-21556	Pool Code 71629	Pool Name FRUITLAND COAL
Property Code 31325	Property Name SAN JUAN 29-5 UNIT	Well Number 25A
OGRID No. 217817	Operator Name CONOCOPHILLIPS CO.	Elevation 6568 GR

¹⁰Surface Location

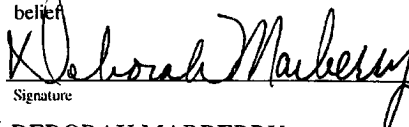
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	18	29N	5W		800	SOUTH	1810	EAST	RIO ARriba

¹¹Bottom 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

" Dedicated Acres 320 E/2	" Joint or Infill I	" Consolidation Code U	" 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.  Signature DEBORAH MARBERRY Printed Name REGULATORY ANALYST deborah.marberry@conocophillips.com Title and E-mail Address 04/20/2004 Date 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. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number