Form 3160-5
(August 1999)

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No. ~~FEE~~ Federal

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM75879

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
SJ 29-5 69

2. Name of Operator
CONOCOPHILLIPS COMPANY
Contact: DEBORAH MARBERRY
E-Mail: deborah.marberry@conocophillips.com

9. API Well No.
30-039-~~21054~~-00-S1 21065

3a. Address
5525 HIGHWAY 64
FARMINGTON, NM 87401

3b. Phone No. (include area code)
Ph: 832.486.2326
Fx: 832.486.2688

10. Field and Pool, or Exploratory
BASIN DAKOTA

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 21 T29N R5W SWNE 1475FSL 0790FEL
36.70770 N Lat, 107.35593 W Lon

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	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Subsurface Commingling
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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 recomplete 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 recompletion 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.)

Per request from Jim Lovato...attached is the completion for the Mesaverde in this well. Also attached is the DHC application with the allocation factors.

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

Electronic Submission #26396 verified by the BLM Well Information System
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by MATTHEW HALBERT on 02/25/2004 (04MXH1301SE)

Name *(Printed/Typed)* DEBORAH MARBERRY — Title SUBMITTING CONTACT

Signature (Electronic Submission) — Date 12/24/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — Title MATTHEW HALBERT PETROLEUM ENGINEER — Date 02/25/2004

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 Farmington NMOCD

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

WELL API NO. 30-039-21065

5. Indicate Type of Lease STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unti Agreement Name
SAN JUAN 29-5 UNIT

1. Type of Well:
Oil Well ☐ Gas Well ☒ Other

2. Name of Operator CONOCOPHILLIPS CO.

8. Well No. 69

3. Address of Operator P.O. BOX 2197 WL3 4061 HOUSTON TX 77252

9. Pool name or Wildcat
BLANCO MESAVERDE/BASIN DAKOTA

4. Well Location

Unit Letter I : 790 feet from the EAST line and 1475 feet from the SOUTH line

Section 21 Township 29N Range 5W NMPM County RIO ARRIBA

10. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
6682 GL

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	PLUG AND ABANDONMENT	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPLETION	☐	CASING TEST AND CEMENT JOBS	☐		
OTHER: DHC			☒	OTHER:			☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work). SEE RULE 1103. For Multiple Completions: Attach diagram of proposed completion or recompletion.

In reference to Order #R-11363 Conoco proposes to downhole commingle in the Blanco Mesaverde and BasinDakota

Perforations are:
Blanco Mesaverde 5485 - 5989 proposed
Basin Dakota 7992 - 8084

Allocation will be by subtraction (see attached)

Commingling in this well will not reduce the value of the remaining production.

BLM has been notified of our intent.

In reference to Order #R-10770 interest owners were not notified.

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 01/13/2003

Type or print name DEBORAH MARBERRY Telephone No. (832)486-2326

(This space for State use)

APPROVED BY _____ TITLE _____ DATE _____

Conditions of approval, if any:

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
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1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
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	2 Pool Code	3 Pool Name
30-039-21065	72319	BLANCO MESAVERDE

4 Property Code	5 Property Name	6 Well Number
	SAN JUAN 29-5 UNIT	69

7 OGRID No.	8 Operator Name	9 Elevation
217817	CONOCOPHILLIPS CO.	6682 GL

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	21	29N	5W`		790	EAST	1475	SOUTH	RIO ARRIBA

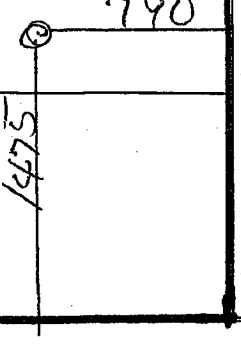
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
320 E/2	I	U	

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
Title

01/13/2003
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

District I
1625 N. French Dr., Hobbs, NM 88240
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
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2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
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2040 South Pacheco
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	2 Pool Code	3 Pool Name
30-039-21065	71599	BASIN DAKOTA

4 Property Code	5 Property Name	6 Well Number
	SAN JUAN 29-5 UNIT	69

7 OGRID No.	8 Operator Name	9 Elevation
217817	CONOCOPHILLIPS CO.	6682 GL

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	21	29N	5W`		790	EAST	1475	SOUTH	RIO ARRIBA

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12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
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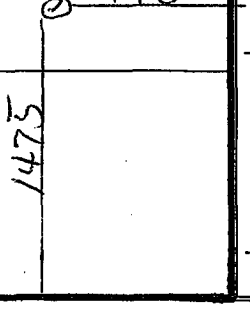

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Signature

DEBORAH MARBERRY
Printed Name

REGULATORY ANALYST
Title

01/13/2003
Date

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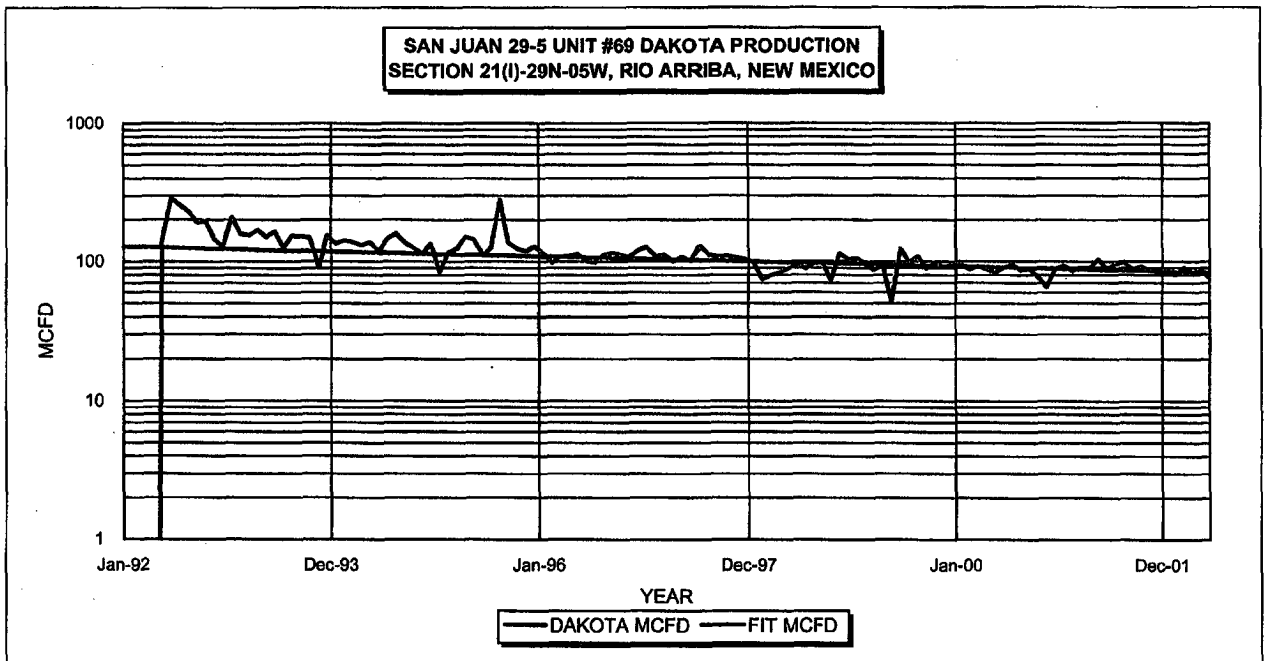
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number



DAKOTA PRODUCTION		1ST PROD: 06/77	DAKOTA PROJECTED DATA		
OIL CUM:	0.00	MBO	Jan '02 QI:	85	MCFD
GAS CUM:	1159.7	MMCF	DECLINE RATE:	4.0%	(EXPONENTIAL)
OIL YIELD:	0.00	BBL/MMCF	API #30-039-21065		

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 PEEP.

YEAR	MID-YEAR AVG. MCFD	MID-YEAR AVG. BOPD
2002	83	0.0
2003	80	0.0
2004	77	0.0
2005	74	0.0
2006	71	0.0
2007	68	0.0
2008	65	0.0
2009	63	0.0
2010	60	0.0
2011	58	0.0
2012	55	0.0
2013	53	0.0
2014	51	0.0
2015	49	0.0
2016	47	0.0
2017	45	0.0
2018	43	0.0
2019	42	0.0
2020	40	0.0
2021	38	0.0
2022	37	0.0
2023	35	0.0
2024	34	0.0
2025	33	0.0
2026	31	0.0
2027	30	0.0
2028	29	0.0
2029	28	0.0
2030	27	0.0
2031	26	0.0
2032	25	0.0

PROCEDURE TO ADD MESA VERDE

San Juan 29-5 #69

Well History: The San Juan 29-5 Unit #69 was drilled and completed as a Dakota producer in April of 1975.

NOTE: All depths are referenced to a RKB elevation of 6736' (13' above graded ground elevation of 6723').

1. **Rig supervisor should verify if well is equipped with a plunger lubricator / catcher. If yes, rig supervisor must consult with well operator to determine if the plunger has been removed. Production engineer must be consulted before rigging up on well if the plunger is still in the well for any reason.**

2. **Notify appropriate excavating contractor for a One Call a minimum of 48 hours prior to commencing any work that requires digging.** Ensure that rectifier for cathodic protection is turned off before any work is performed.

3. **Locate nearest area that an emergency rescue helicopter can land and document approximate distance and direction from well pad on Emergency Response page located at the back of this procedure.**

4. Spot and fill all necessary 400 bbl frac tanks with risers (as per Lucas Bazan's procedure).

5. Ensure that well is shut in, energy isolated, locked and tagged out.

6. Check anchors.

7. Hold Safety Meeting.

8. MI & RU Key Energy WO rig.

9. Record shut in tubing, casing, and braden head pressures on Daily Drilling Report.

10. Wells capable of flowing less than 500 MCFD (Category 1) to atmosphere will require one untested barrier, those wells capable of flowing between 500 MCFD and 3000 MCFD (Category 2) to atmosphere will require two untested or one tested barrier, per the Phillips Well Control Manual.

11. Ensure that the proper well control measures have been taken.

12. ND tree. NU cross and BOPE consisting of 3M psi blind rams on bottom, 2-3/8" 3M psi pipe rams on top, and stripping head. RU hardline from pump to wellhead. Prior to testing BOPE, all lines and valves are to be thoroughly flushed to ensure that the system is clear. Test all opening and closing control lines to 1500 psi and inspect for leaks (see Section 2.8.4 Blowout Preventer Test Practices) of Phillips Well Control Manual. Once minimum time requirements are achieved, test BOPE and surface flow lines to 200 psi for 3 minutes and 3000 psi for 10 minutes per PPCo Well Control Manual. Report test parameters and results on Daily Drilling Report.

13. If a BPV has been installed in the wellhead, remove the BPV. Stab landing joint and release hanger lockdown lugs.

14. COOH w/ **261 jts.** of 2-3/8" 4.7# tubing from **8,080'** standing back. Visually inspect tubing for bad joints (send to town for inspection if necessary).

15. PU & RIH with a bit/scraper for 4-1/2" 10.5# casing on 2-3/8" tubing to **±6,580.**

16. PU & RIH with a CIBP for **4-1/2" 10.5#/ft** casing on 2-3/8" tubing and set same at **6,500'±** to isolate the Dakota (the existing top DK perf is at 7992).

17. PU, then load hole from bottom with 2% KCl water and circulate out gas. COOH standing back.

18. MIRU Schlumberger with lubricator and packoff to run a TDT from CIBP at **±6,500'** to **±3550'** (TOC from temp log is at 3550'). Run gamma ray log and CCL to surface. Send log in to Terry Glazer, Lucas Bazan, and Tom Johnson for evaluation.

19. MIRU Blue Jet w/ lubricator and packoff, and perforate as per Lucas Bazan's recommendation. Do not perforate in collars, adjust perforation depths as necessary.

20. Lubricate in isolation tool if necessary. NU 7-1/16" 5M psi full opening gate master valve and frac valve.

21. RU stimulation service company.

22. **Test, break down, frac, and flowback as per procedure from completion engineer, Lucas Bazan.**

23. Wells capable of flowing less than 500 MCFD (Category 1) to atmosphere will require one untested barrier, those wells capable of flowing between 500 MCFD and 3000 MCFD (Category 2) to atmosphere will require two untested or one tested barrier, per the Phillips Well Control Manual.

24. Ensure that the proper well control measures have been taken.

25. ND gate valve and frac valve (lubricate out isolation tool if necessary). NU cross and BOPE consisting of 3M psi blind rams on bottom, 2-3/8" 3M psi pipe rams on top, and stripping head. RU hardline from pump to wellhead. Prior to testing BOPE, all lines and valves are to be thoroughly flushed to ensure that the system is clear. Test all opening and closing control lines to 1500 psi and inspect for leaks (see Section 2.8.4 Blowout Preventer Test Practices) of Phillips Well Control Manual. Once minimum time requirements are achieved, test BOPE and surface flow lines to 200 psi for 3 minutes and 3000 psi for 10 minutes per PPCo Well Control Manual. Report test parameters and results on Daily Drilling Report.

26. PU and RIH with bit/mill on 2-3/8" tubing to drill out 4-1/2" 10.5# CIBP isolating the Dakota at **±6,500'**. **Check the DIMS reports for exact setting depth.** Drill out and chase the CIBP and clean out well to PBTD of 8087'. COOH standing back tubing.

27. PU and RIH with 2-3/8" 4.7# production string w/ a 1.81" Baker "F" nipple on EOT. **A plug should be locked in F-nipple for well control before running in hole w/ tubing.** Land at **8,064' +/-** (bottom DK perf at 8,084', PBTD at 8087). Tighten down hanger lockdown lugs.

Note: Put pipe dope on pin ends only while GIH with production tubing.

28. **MIRU slickline unit to release plug from F-nipple and retrieve. Ensure that tubing and casing pressure are equalized before releasing plug.**

29. Set BPV. ND BOPE. NU tree and test same. Pull BPV. Unload well (swab in if necessary prior to moving rig off).

30. RD MO Key Energy rig.

31. Notify PPCo Production Department that work is completed.

32. **Notify cathodic protection personnel after job is complete so cathodic protection equipment can be re-activated.**

33. Turn well over to Production.