

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.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF078995
2. Name of Operator CONOCOPHILLIPS COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address PO BOX 2197 WL3 4066 HOUSTON, TX 77252		7. If Unit or CA/Agreement, Name and/or No. NMMN78421B
3b. Phone No. (include area code) Ph: 832.486.2326 Fx: 832.486.2688		8. Well Name and No. SJ 31 6 41
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T31N R6W NWSW 1840FSL 1050FWL 36.86839 N Lat, 107.49123 W Lon		9. API Well No. 30-039-22750-00-S1
		10. Field and Pool, or Exploratory BASIN DAKOTA BLANCO MESAVERDE
		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			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 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 proposes to recompleate this well to the Blanco Mesaverde and downhole commingle with the Basin Dakota as per the attached procedure. Also attached is the application for downhole commingle.

**CONDITIONS OF APPROVAL**  
Adhere to previously issued stipulations.

DHC 1161A2



14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #19681 verified by the BLM Well Information System For CONOCOPHILLIPS COMPANY, sent to the Farmington Committed to AFMSS for processing by Matthew Halbert on 04/11/2003 (03MXH0682SE)</b>	
Name (Printed/Typed) DEBORAH MARBERRY	Title SUBMITTING CONTACT
Signature (Electronic Submission)	Date 03/18/2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <b>/s/ Jim Lovato</b>	Title	Date <b>APR 14 2003</b>
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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

EMUCD

Mesa Verde Recompletion  
San Juan 31-6 #41  
API 30-039-22750  
31N-06W-29-L

**Objective:** The objective of this project is to recomplete to the Mesa Verde, clean out to PBTD and downhole commingle with existing Dakota production.

**Well Information:** Spud Date: 5/1/1983      TD: 8040'      PBTD: 8030'  
Ground Elevation: 6520'      KB Elevation: 6533'

**Existing Casing/Tubing Information:**

	OD (in)	ID (in)	Drift (in)	Weight (lb/ft)	Grade	Depth (ft)	Capacity (bbls/ft)	Capacity (gal/ft)	Collapse (psi)	Yield (psi)
<b>Surface</b>	9 5/8	8.921	8.765	36.00	K-55	385	0.0773	3.247	2020	3520
	Cement: 0'-385'; Cement w/ 275 sx circulated to surface									
<b>Intermediate</b>	7	6.456	6.331	20.00	K-55	966	0.0405	1.7005	2270	3740
		6.366	6.241	23.00		3800	0.0394	1.6535	3270	4360
<b>Production</b>	Cement: 2100'-3800'; Cement w/ 200 sx; TOC by temp survey									
	4 1/2	4.052	3.927	10.50	K-55	1822	0.0159	0.6699	4010	4790
		4.000	3.875	11.60		8040	0.0155	0.6528	4960	5350
Cement: 3200'-8040'; Cement w/ 350 sx; TOC by temp survey										
<b>Tubing</b>	2 3/8	1.995	1.901	4.70	J-55	7983	0.00387	0.1624	8100	7700

**Current Perforations:** Dakota: 7,989- 8,012

**Proposed Perforations:** Menefee: 5554'-5563'; 5630'-5640'; 5675'-5690'

Point Lookout: 5760'-5813'; 5840'-5860'; 5900'-5920'

Perforations to be correlated with logs and verified with stimulation procedure.

**Procedure:**

1. Hold pre-job safety meeting and review work procedures and assignments with all employees and visitors on location.
  - Ensure all personnel have proper personal protective equipment.
  - Emergency procedures and evacuation plans noted.
  - Review all MSDS and chemical safety information.
  - Anticipated pumping and maximum pressures throughout the job should be conveyed to all personnel on location.
2. Prepare location for work. Test deadmen anchor.
3. Kill well with minimum 2% KCL water. Kill water should be treated with biocide.
4. Move in and rig up pulling unit.
5. Nipple down wellhead. Nipple up and test BOP.
6. Tag for fill with 2 3/8" tubing. PBTD = 8030'
7. POOH with 2 3/8" tubing.
8. Pick up cast iron bridge plug for 4 1/2" production casing and RIH.
9. Set plug at +/- 6070' (150' <sup>above current</sup> ~~below proposed~~ MV perforations). Spot 20' sand on plug.
10. Pressure test casing to 3000# (verify with maximum pressure to be seen during stimulation).

11. RIH with wireline and perforate Mesa Verde formation as per recommendation. Correlate perforations to TDT log.
12. POOH with perforation guns.
13. Have surface equipment available for flowback.
14. Rig up frac unit and fracture stimulate as per recommendation.
15. Rig down frac unit.
16. Flowback the well to clean up frac fluid.
17. RIH with 2 3/8" tubing, land at 5800' and obtain a stabilized C-104 test. Report results of test to Houston and regulatory.
18. RIH with 2 3/8" workstring and clean out to CIBP set at 7900' above the Dakota perforations.
19. If fill was present, clean out to PBTD (PBTD = 8030'; Bottom Dak perms = 8012'). POOH and lay down workstring.
20. RIH with 2 3/8" production string and seating nipple. Drift tubing as running in hole to insure of no crimped connections to allow for plunger lift operations. Land at approximately +/- 8000'.  
**Torque requirements for 2 3/8" 4.7lb/ft; J-55 external upset tubing:  
(confirm tubing type)**  
**Min: 970 ft-lb      Opt: 1290 ft-lb      Max: 1610 ft-lb**
21. Nipple down BOP and nipple up wellhead.
22. Connect to sales and swab in well. Notify MSO to commence production on well. (MSO: MIKE KESTER mobile # 505-486-1137)

Prepared by Jennye Pusch  
January 28, 2003

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.	30-039-22750
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. FED	
7. Lease Name or Unit Agreement Name SAN JUAN 31-6 UNIT	
8. Well No.	41
9. Pool name or Wildcat BASIN DAKOTA / BLANCO MESAVERDE	

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator CONOCOPHILLIPS CO.	
3. Address of Operator P.O. BOX 2197 WL3 4061 HOUSTON TX 77252	
4. Well Location Unit Letter <u>L</u> : <u>1840</u> feet from the <u>SOUTH</u> line and <u>1050</u> feet from the <u>WEST</u> line Section <u>29</u> Township <u>31N</u> Range <u>6W</u> NMPM County <u>RIO ARRIBA</u>	
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 6520 GL	

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐  
OTHER: DHC ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOBS ☐  
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 Basin Dakota

Perforations are:

Basin Dakota 7989 - 8012

Blanco Mesaverde 4900 - 6200

Allocation will be by subtraction - see attached

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

BLM has been notified of our intent.

In reference to Order #R-11188 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 03/14/2003

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  
District III  
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

Form C-102  
Revised August 15, 2000

OIL CONSERVATION DIVISION  
2040 South Pacheco  
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

1 API Number 30-039-22750		2 Pool Code 72319		3 Pool Name BLANCO MESAVERDE	
4 Property Code		5 Property Name SAN JUAN 31-6 UNIT			6 Well Number 41
7 OGRID No. 217817		8 Operator Name CONOCOPHILLIPS CO.			9 Elevation 6520 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
L	29	31N	6W		1840	SOUTH	1050	WEST	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 320 W/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				<p>17 OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><i>Deborah Marberry</i></p> <p>Signature</p> <p>DEBORAH MARBERRY</p> <p>Printed Name</p> <p>REGULATORY ANALYST</p> <p>Title</p> <p>03/14/2003</p> <p>Date</p>
	1050'			<p>18 SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>
	1048'			

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

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* API Number 30-039-22750		* Pool Code 71599		* Pool Name BASIN DAKOTA	
* Property Code		* Property Name SAN JUAN 31-6 UNIT			* Well Number 41
* GRID No. 217817		* Operator Name CONOCOPHILLIPS CO.			* Elevation 6520 GL

<sup>10</sup> Surface Location

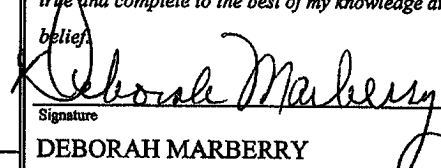
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	29	31N	6W		1840	SOUTH	1050	WEST	RIO ARRIBA

<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

<sup>12</sup> Dedicated Acres 320 W/2	<sup>13</sup> Joint or Infill I	<sup>14</sup> Consolidation Code U	<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

<sup>16</sup>          1050'  1840'				<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.  Signature DEBORAH MARBERRY Printed Name REGULATORY ANALYST Title 03/14/2003 Date
				<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.  Date of Survey Signature and Seal of Professional Surveyor:
				Certificate Number

SAN JUAN 31-6 # 41 DK

Forecast

YEAR	MID-YEAR AVG. MCFD	MID-YEAR AVG. BOPD
2003	150.67	0
2004	146.00	0
2005	141.58	0
2006	137.25	0
2007	133.17	0
2008	129.33	0
2009	125.50	0
2010	121.92	0
2011	118.42	0
2012	115.17	0
2013	112.00	0
2014	108.75	0
2015	106.00	0
2016	103.00	0
2017	100.33	0
2018	97.67	0
2019	95.08	0
2020	92.75	0
2021	90.25	0
2022	88.00	0
2023	85.83	0
2024	83.67	0
2025	81.67	0
2026	79.67	0
2027	77.75	0
2028	75.92	0
2029	74.08	0
2030	72.42	0
2031	70.58	0
2032	69.08	0
2033	67.50	0
2034	66.00	0
2035	64.50	0
2036	63.08	0
2037	61.67	0
2038	60.42	0
2039	59.08	0
2040	57.75	0
2041	56.58	0
2042	55.42	0
2043	54.25	0
2044	53.17	0
2045	52.08	0
2046	50.92	0
2047	49.92	0
2048	48.92	0
2049	48.00	0
2050	47.00	0
2051	46.08	0
2052	45.17	0
2053	44.33	0
2054	43.50	0
2055	42.67	0
2056	41.92	0
2057	41.00	0
2058	40.25	0
2059	39.58	0
2060	39.00	0
2061	38.00	0