

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

OCT 14 2008

AMENDED

Sundry Notices and Reports on Wells

<p>1. Type of Well GAS</p> <p>2. Name of Operator CONOCOPHILLIPS</p> <p>3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. Location of Well, Footage, Sec., T, R, M Surf: Unit E (SWNW), 1780' FNL & 95' FWL, Section 27, T31N, R06W, NMPM BH: Unit H (SENE), 2200' FNL & 760' FEL, Section 28, T31N, R06W, NMPM</p>	<p>5. Lease Number SF-078995</p> <p>6. If Indian, All. or Tribe Name</p> <p>7. Unit Agreement Name San Juan 31-6 Unit</p> <p>8. Well Name & Number San Juan 31-6 Unit 39M</p> <p>9. API Well No. 30-039-30364</p> <p>10. Field and Pool Basin DK/Blanco MV</p> <p>11. County and State Rio Arriba Co., NM</p>
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12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection

☒ Other - Intermediate Casing Depth, BH location

13. Describe Proposed or Completed Operations

ConocoPhillips wishes to change the depth of the intermediate casing depth from the permitted 3592' to 5001' due to the torque and drag on the production hole. Cement volumes will be adjusted accordingly.

Also ConocoPhillips would like to change the bottom hole location from the permitted Unit H (SENE) 2200' FNL & 760' FEL TO Unit I (NESE) 2200' FSL & 760' FEL. The section township and Range will remain the same as originally permitted. Please see attached directional drill plan, well proposal and updated plat. Verbal approval received from Jim Lovato at BLM and Steve Hayden at OCD on 09/30/08.

RCVD OCT 22 '08

OIL CONS. DIV.

DIST. 3

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

Signed Sasha Neumann Sasha Neumann Title Regulatory Technician Date 10/15/2008

(This space for Federal or State Office use)

APPROVED BY [Signature] Title Reg. Eng Date 10/16/08

CONDITION OF APPROVAL, if any:

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

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

NMOC

Hold C104
for Directional Survey
and "As Drilled" plat

**NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 23 2008

Sundry Notices and Reports on Wells

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

Signed Sasha Neumann Sasha Neumann Title Regulatory Technician Date 09/30/2008

(This space for Federal or State Office use)

APPROVED BY Troy L. Salinas Title Petroleum Engineer Date 10/8/2008

CONDITION OF APPROVAL, if any:

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

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.

OPERATOR

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
1301 West Grand Avenue, Artesia, N.M. 88210

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

DISTRICT IN
1000 Rio Braxos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87506

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-34653		*Pool Code 71599/72319	*Pool Name BLANCO DAKOTA/MESAVERDE	
*Property Code 31328	*Property Name SAN JUAN 31-6 UNIT			*Well Number 39M
*OGRID No. 217817	*Operator Name CONOCOPHILLIPS COMPANY			*Elevation 6328'

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
E	27	31-N	6-W		1780'	NORTH	95'	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
1	28	31-N	6-W		2200'	SOUTH	760'	EAST	RIO ARriba

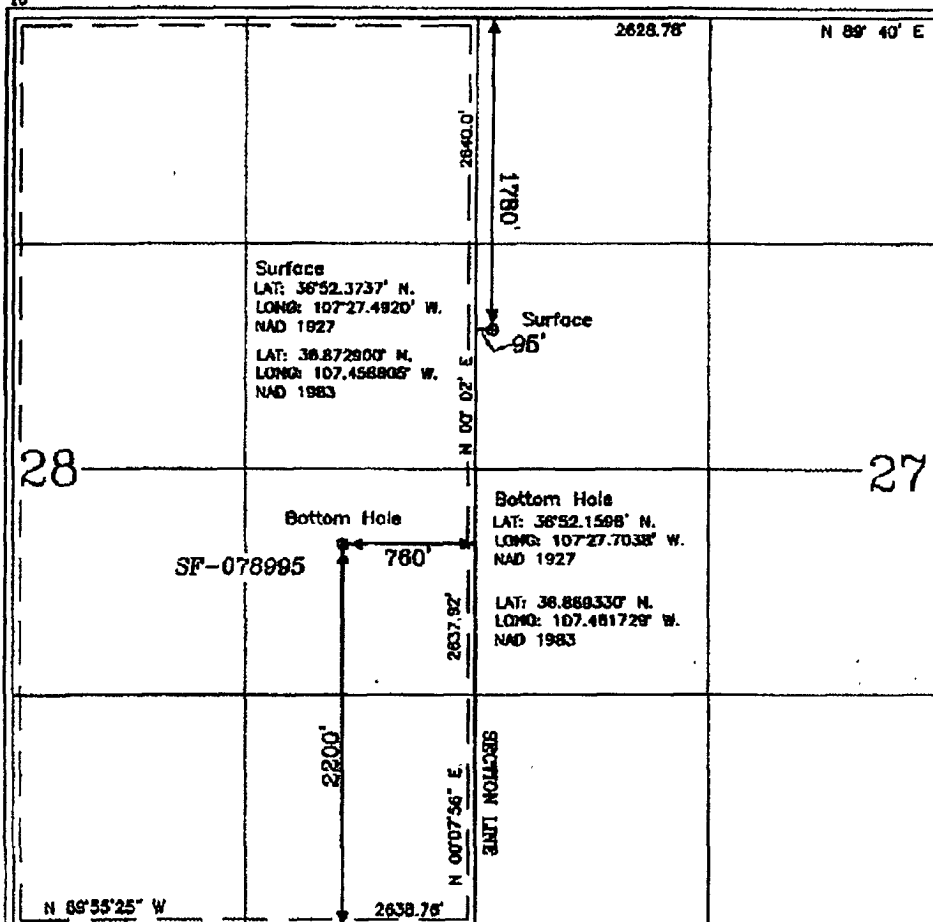
Dedicated Acres			
DK	320.0	ACRES	E/2
MV	320.0	ACRES	E/2

¹⁴ Joint or Infil

16 Consolidation Code

18 Order No.

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 possesses 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 a working interest, or to a voluntary pooling agreement or compulsory pooling order heretofore entered by the division.

Crystal Tapaya 7/7/08
Signature

Crystal Tafoya 7-7-08
Printed Name

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.

7-2-08
Date of Survey

Signature of _____

NEEDS

15/3

RECEIVED

PROFESSIONAL

Certificate Number 1570

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 31-6 UNIT 39M

DEVELOPMENT

Lease:		AFE #: WAN.CNV.7205		AFE \$:	
Field Name: 31-6		Rig: Aztec Rig 711		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist: Glaser, Terry J		Phone: +1 832 486 2332		Phone:	
Res. Engineer: Pena, David Fernando		Phone: +1281-2931350		Prod. Engineer:	
		Proj. Field Lead: Fransen, Eric E.		Phone: +1-432-368-1215	

Primary Objective (Zones):

Zone	Zone Name
R20002	MESAVERDE(R20002)
R20076	DAKOTA(R20076)

Location: Datum Code: NAD 27

Latitude: 36.872778	Longitude: -107.458305	X:	Y:	Section: 27	Range: 006W
Footage X: 95 FWL	Footage Y: 1820 FNL	Elevation: 6328	(FT)	Township: 031N	
Tolerance: 95					

Location: Datum Code: NAD 27

Latitude: 36.871729	Longitude: -107.461121	X: 0.00	Y: 0.00	Section: 28	Range: 006W
Footage X: 760 FEL	Footage Y: 2200 FSL	Elevation:	(FT)	Township: 031N	
Tolerance:					

Location Type: Restricted Start Date (Est.): 1/1/2008 Completion Date: Date In Operation:

Formation Data: Assume KB = 6344 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
SURFACE CSG	347	5997	<input type="checkbox"/>			12-1/4" hole. 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 170 cu. ft. Circulate cement to surface.
OJAM	2343	4001	<input type="checkbox"/>			Possible water flows.
KRLD	2443	3901	<input type="checkbox"/>			
FRLD	2910	3434	<input type="checkbox"/>			Possible gas.
PCCF	3197	3147	<input type="checkbox"/>			
LEWS	3492	2852	<input type="checkbox"/>			
CHRA	4495	1849	<input type="checkbox"/>			
Intermediate Casing	5001	1343	<input type="checkbox"/>			8 3/4" Hole. 7", 23.0 ppf, L-80 ST&C casing. Cement with 843 cu. ft. Circulate cement to surface.
CLFH	5322	1022	<input type="checkbox"/>			Gas; possibly wet
MENF	5358	986	<input type="checkbox"/>			Gas.
PTLK	5617	727	<input type="checkbox"/>	400		Gas.
MNCS	5833	511	<input type="checkbox"/>			
GLLP	6916	-572	<input type="checkbox"/>			Gas. Possibly wet.
GRHN	7648	-1304	<input type="checkbox"/>	2100		Gas possible, highly fractured
GRRS	7696	-1352	<input type="checkbox"/>			
TWLS	7807	-1463	<input type="checkbox"/>			Gas
PAGU	7811	-1467	<input type="checkbox"/>			Gas. Highly Fractured.
CBBO	7818	-1474	<input type="checkbox"/>			Gas
CBRL	7864	-1520	<input type="checkbox"/>			TD 10' into Encinal.
TOTAL DEPTH DK	7953	-1609	<input type="checkbox"/>			6-1/4" hole. 4-1/2", 11.6#, L-80, LT&C casing. Cement with 588 cu. ft. Circulate cement a minimum of 100 ft. inside the previous casing string. No open hole logs. Cased hole TDT with GR to surface.

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 31-6 UNIT 39M

DEVELOPMENT

Reference Wells:		
Reference Type	Well Name	Comments
Intermediate	San Juan 31-6 39	28-31N-6W-NE, KB = 6488

Logging Program:

Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

CBL/GR Mudlog from 100' above Greenhorn to TD - loggers will call TD.

Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

Comments: Location/Tops/Logging - MVNM031N006W28SE2 AND DK 31N06W28SE2

Zones - MVNM031N006W28SE2 AND DK 31N06W28SE2

General/Work Description - MV80/DK80 directional well

Database: EDM 2003.21 Single User Db
Company: ConocoPhillips & Burlington Resources
Project: San Juan Basin New Mexico
Site: SECTION 27 3 IN 6W
Well: SJ 31-6 # 39M
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well SJ 31-6 # 39M
TVD Reference: 39M @ 6344 00H (AWS 711)
MD Reference: 39M @ 6344 00H (AWS 711)
North Reference: True
Survey Calculation Method: Minimum Curvature

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
Formation 21					
2,444.57	2,343.00	OJAM		0.00	
2,552.66	2,442.00	KRLD		0.00	
3,049.43	2,897.00	PCCF		0.00	
3,063.62	2,910.00	FRLD		0.00	
3,699.05	3,492.00	LEWS		0.00	
4,786.32	4,495.00	CJRA		0.00	
5,298.44	5,001.00	ICP		0.00	
5,619.44	5,322.00	CLFH		0.00	
5,655.44	5,358.00	MENF		0.00	
5,914.44	5,617.00	PTLK		0.00	
6,130.44	5,833.00	MNCS		0.00	
7,213.44	6,916.00	GLLP		0.00	
7,945.44	7,648.00	GRHN		0.00	
7,993.44	7,696.00	GRRS		0.00	
8,104.44	7,807.00	TWLS		0.00	
8,108.44	7,811.00	PAGU		0.00	
8,114.44	7,817.00	CBBO		0.00	
8,160.44	7,863.00	CBRL		0.00	
8,250.44	7,953.00	DK		0.00	

DRILLING CONDITIONS OF APPROVAL

Operator: ConocoPhillips Company
Lease No.: NMSF-078995
Well Name: San Juan 31-6 Unit #39M
Well Location: Sec.27, T31N, R6W; 1780' FNL & 95' FWL

-Adjust the cement volumes on the surface and intermediate strings accordingly to properly circulate cement to surface.