

A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOCD FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOCD PART 19.15.17, PRIOR TO THE USE OR CONSTRUCTION OF THE ABOVE APPLICATIONS.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 04 2009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Bureau of Land Management  
Farmington Field Office

1a. Type of Work DRILL	5. Lease Number NM-04206 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator ConocoPhillips Company	7. Unit Agreement Name OIL CONS. DIV. DIST. 3 San Juan 32-7 Unit Com
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name
4. Location of Well Surface: Unit D(NWNW), 866' FNL & 621' FWL  Surface: Latitude: 36.97043° N (NAD 83) Longitude: 107.54328° W	9. Well Number 39M
	10. Field, Pool, Wildcat Basin DK/Blanco MV
	11. Sec., Twn, Rge, Mer. (NMPM) D Sec. 23, T32N, R7W API # 30-045-34974
14. Distance in Miles from Nearest Town 15 miles/Ignacio, CO	12. County San Juan
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 621'	
16. Acres in Lease 160.00	17. Acres Assigned to Well MV/DK 320.00 (W/2)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 850' from San Juan 32-7 Unit 39A (MV)	
19. Proposed Depth 8448'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6822' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS
24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	Date <u>5/13/09</u>

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

Archaeological Report attached

Threatened and Endangered Species Report attached

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Title 18 U.S.C. Section 1001, makes 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 presentations as to any matter within its jurisdiction.

Example Master Plan Type 3

Bond Numbers ES-0048 and ES-0085

NOTIFY AZTEC OCD 24 HRS.  
PRIOR TO CASING & CEMENT

MAY 14 2009

This action is subject to technical and procedural review pursuant to 43 CFR 3165.9 and appeal pursuant to 43 CFR 3165.4

HOLD C104 FOR NSL

NMOCD

Drilling operations authorized are subject to compliance with attached "General Requirements".

DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240

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

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

RECEIVED

Form C-102  
Revised October 12, 2005

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, NM 87505

Bureau of Land Management

Farmington Field Office

Submit to Appropriate District Office  
MAY 14 2008  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-34974		*Pool Code 71599 / 72319		*Pool Name BASIN DAKOTA/BLANCO MESAVERDE	
*Property Code 13616 31327		*Property Name SAN JUAN 32-7 UNIT COM			*Well Number 39 M
*GRID No. 217817		*Operator Name CONOCOPHILLIPS COMPANY			*Elevation 6822'

<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
D	23	32N	7W		866'	NORTH	621'	WEST	SAN JUAN

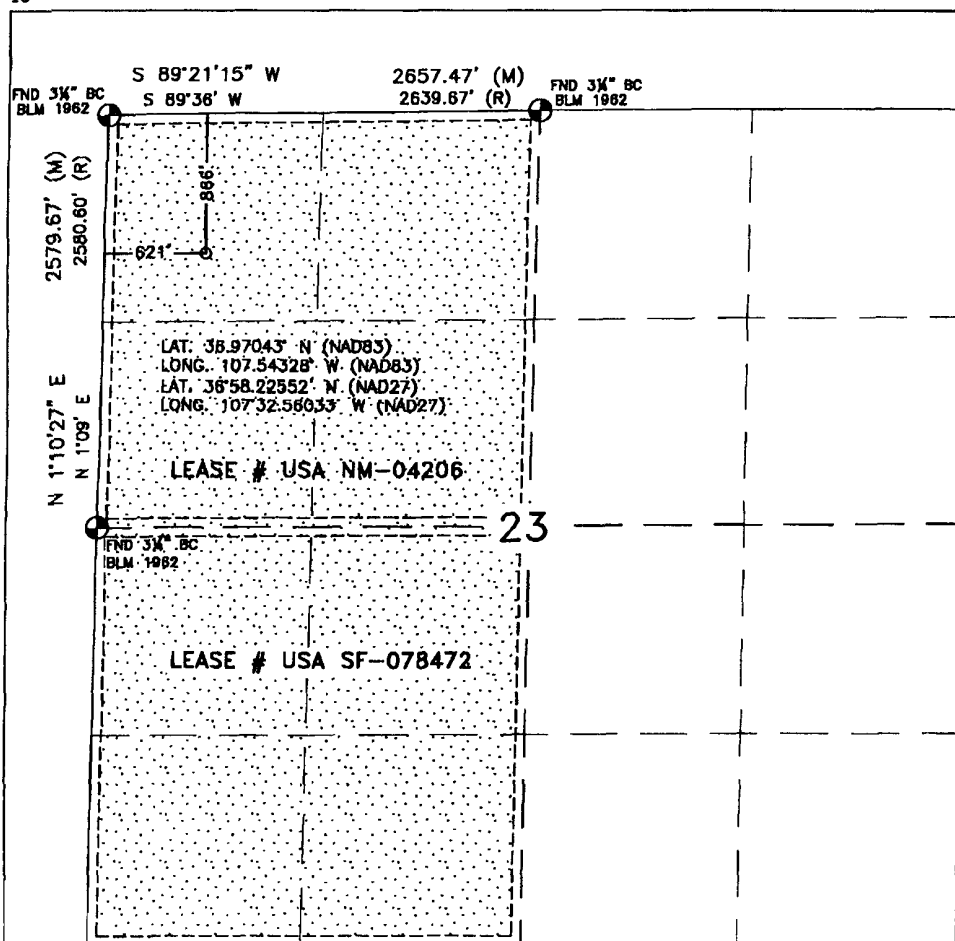
<sup>11</sup> Bottom Hole Location If Different From Surface

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

<sup>12</sup> Dedicated Acres 320.00 Acres - (W/2)		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<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

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<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, 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 or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 4/29/09  
Signature Date

Crystal Tafoya 4-29-09  
Printed Name

<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.

APRIL 14, 2008

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL

Certificate Number

10201

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 32-7 UNIT COM 39M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7502		AFE \$: 1,444,970.80	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 711		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				
RON	BLANCO MESAVERDE (PRORATED GAS)				
Location: Datum Code: NAD 27					
Latitude: 36.970425		Longitude: -107.542672		X:	Y:
Footage X: 621 FWL		Footage Y: 866 FNL		Elevation: 6822 (FT)	Township: 032N
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2009		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6838 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6638	<input type="checkbox"/>		
OJO ALAMO	2596	4242	<input type="checkbox"/>		
KIRTLAND	2708	4130	<input type="checkbox"/>		
FRUITLAND	3189	3649	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	3700	3138	<input type="checkbox"/>		
LEWIS	3984	2854	<input type="checkbox"/>		
Intermediate Casing	4134	2704	<input type="checkbox"/>		
HUERFANITO BENTONITE	4548	2290	<input type="checkbox"/>		
CHACRA	4988	1850	<input type="checkbox"/>		Est. Top Perf - 4990 (1848)
MASSIVE CLIFF HOUSE	5745	1093	<input type="checkbox"/>	546	Gas
MENEFEE	5770	1068	<input type="checkbox"/>		
POINT LOOKOUT	5994	844	<input type="checkbox"/>		
MANCOS	6512	326	<input type="checkbox"/>		
UPPER GALLUP	7394	-556	<input type="checkbox"/>		
GREENHORN	8144	-1306	<input type="checkbox"/>		
GRANEROS	8192	-1354	<input type="checkbox"/>		
TWO WELLS	8293	-1455	<input type="checkbox"/>	1903	Gas
UPPER CUBERO	8322	-1484	<input type="checkbox"/>		
LOWER CUBERO	8372	-1534	<input type="checkbox"/>		Est. Btm Perf - 8428 (-1590) based on offset wells
Total Depth	8448	-1610	<input type="checkbox"/>		6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 631 cuft. Circulate cement a minimum of 100' inside the previous casing string.
ENCINAL	8448	-1610	<input type="checkbox"/>		
Reference Wells:					
Reference Type	Well Name	Comments			
Production	San Juan 32-7 Unit 35	32N-07W-22			
Production	Allison Unit 31	32N-07W-14			

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 32-7 UNIT COM 39M

DEVELOPMENT

## Logging Program:

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

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

Est bottom perf ~20' above est TD.

Cased Hole GR / CBL

## Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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**CONOCOPHILLIPS COMPANY**

SAN JUAN 32-7 UNIT COM #39 M  
866' FNL & 621' FWL  
LOCATED IN THE NW/4 NW/4 OF SECTION 23,  
T32N, R7W, N.M.P.M.,  
SAN JUAN COUNTY, NEW MEXICO

**DIRECTIONS**

- 1) FROM HWY 151 AND CR 328 IN COLORAD, GO SOUTH ON CR 328, 2.8 MILES TO NEW MEXICO STATELINE.
- 2) FROM THERE COLORADO CR328 BECOMES NEW MEXICO CR 4010. STAY ON CR 4010 2.5 MILES.
- 3) GO SOUTH ON ROAD FOR 250', TURN RIGHT, GO 0.3 MILES TO BEGIN ACCESS ON RIGHT.
- 4) TURN RIGHT, FOLLOW RED FLAGGING 191' TO LOCATION.

WELL FLAG LOCATED AT 36.97043°N, LONG. 107.54328° W (NAD 83)

