

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 11 2009

Bureau of Land Management
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-079296
1b. Type of Well GAS	Unit Reporting Number
	6. If Indian, All. or Tribe
2. Operator ConocoPhillips	7. Unit Agreement Name NMNM-73929-DK NMNM-76139-MV
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Federal
	9. Well Number 11M
4. Location of Well Surf: Unit I (NESE), 2445' FSL & 785' FEL Surf: Latitude: 36.47184 N Longitude: 107.43087 W	10. Field, Pool, Wildcat Basin DK/Blanco MV
	11. Sec., Twn, Rge, Mer. (NMPM) Surf: Sec. 23, T26N, R6W
	API # 30-045-39 30673
14. Distance in Miles from Nearest Town 45.7 miles/Bloomfield	12. County Rio Arriba
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 785'	
16. Acres in Lease 641.070	17. Acres Assigned to Well 320.00 (E/2)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1025' from the Buttram Federal 4 (PC)	
19. Proposed Depth 7291'	20. Rotary or Cable Tools Rotary
	This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4
21. Elevations (DF, FT, GR, Etc.) 6405' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".
24. Authorized by: James Gardenhire (Regulatory Technician)	Date 2-9-09

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.

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 4

Bond Numbers ES-0048 and ES-0085

NMOCD



NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

MAR 09 2009

Handwritten signature

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

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

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

DISTRICT IV
1220 South 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 October 12, 2005

Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

FEB 11 2009

☐ AMENDED REPORT

Bureau of Land Management

Field Office

WELL LOCATION AND ACREAGE

API Number 30-04539-30673		Pool Code 71599/72319	Pool Name BASIN DAKOTA / BLANCO MESAVERDE
Property Code 31535	Property Name FEDERAL		Well Number 11M
GRID No. 217817	Operator Name CONOCOPHILLIPS COMPANY		Elevation 6405'

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	23	26-N	6-W		2445	SOUTH	785	EAST	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
I									
Dedicated Acres E/2 - 320 ACRES		Joint or Infill		Consolidation Code		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

16

LAT: 36.47184° N (NAD 83) LONG: 107.43087° W (NAD 83) LAT: 36.28.3100° N (NAD 27) LONG: 107.25.8162° W (NAD 27)		USA SF-079295	
CALC'D CORNER N89°51'E, 46.78' FROM WITNESS CORNER		WITNESS CORNER FD. 3 1/4" BC. 1956 B.L.M.	
S 89°50'47" W 2648.01' (C)		FD. 3 1/4" BC. 1957 B.L.M.	

17 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 of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Crystal Tafoya
Date: 2/9/09
Printed Name: Crystal Tafoya

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 knowledge and belief.

APRIL 25 2008

Date of Survey
Signature and Seal of Professional Surveyor

PROF. A. RUSSELL
NEW MEXICO
8894
REGISTERED PROFESSIONAL LAND SURVEYOR
Certificate Number

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

BURLINGTON RESOURCES		
WAN.RFE.PD08.90		
FEDERAL # 11 M	DATE	5/20/2008
WELL NAME		
WELL NAME		

COORDINATES

SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
1 23	26 N	6 W	36.47184 N	107.43087 W

COUNTY

RIO ARRIBA

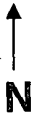
RECTIFIER
SOLAR
GROUND BED
240 V METER POLE
480 V METER POLE
D C CABLES
A C CABLES
PRIMARY POWER
DISTANCE TO POWER
UNDERGROUND
PUMPJACK
WATER PUMP

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
(12/4)	X			
	X			
# 8	200'			
			JEMEZ	
			.6 MILES	

COMMENTS

SANDY SOIL
1 PHASE JEMEZ POWER - .6 MILES
NO PIPELINES NEARBY

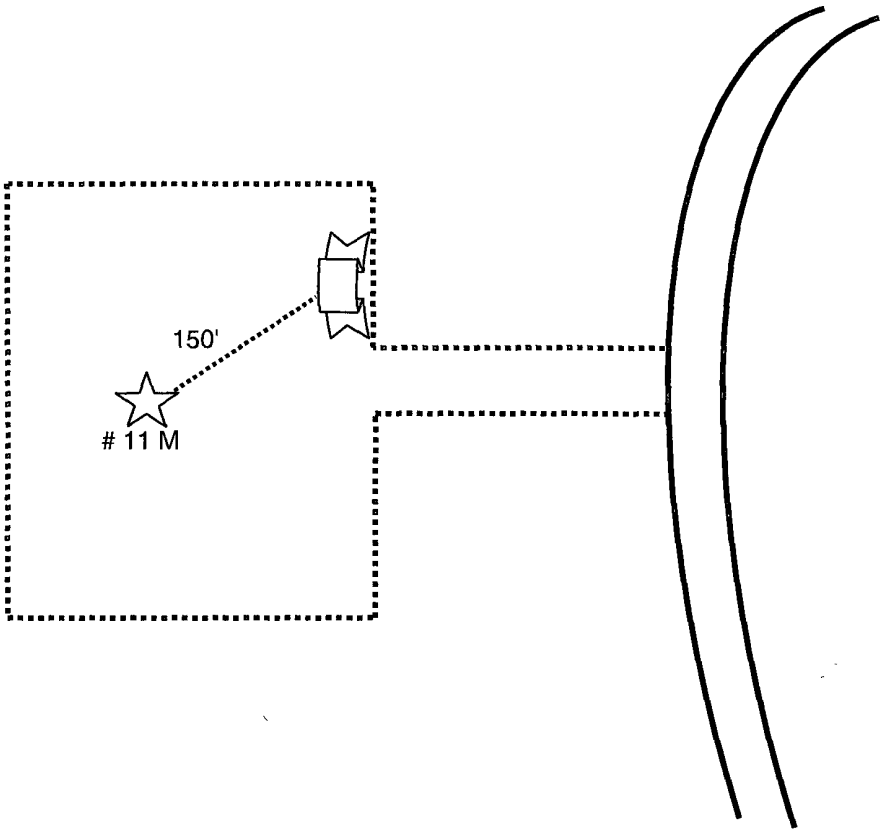
WELL NAME	FEDERAL # 11 M
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SANDY SOIL

1 PHASE JEMEZ POWER . 6 MILES

NO PIPELINES CLOSE



TANK	SEP OR DEHY	SOLAR	METER POLE	PUMP JACK	GND/BED	EXISTING CABLE
RECT	PIT	WELL	proposed solar/gb	PROPOSED CABLE	POWER LINE	
			FOREIGN PL		CONOCO PL	

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

FEDERAL 11M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8089		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 730		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer: McKee, Cory J		Phone: +1 505-326-9826		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				
RON	BLANCO MESAVERDE (PRORATED GAS)				
Location: Surface Datum Code: NAD 27					
Latitude: 36.471830		Longitude: -107.430267		X:	Y:
Footage X: 785 FEL		Footage Y: 2445 FSL		Elevation: 6405 (FT)	Section: 23
Tolerance:		Range: 006W			
Location Type: Year Round		Start Date (Est.): 1/1/2010		Completion Date:	
Formation Data: Assume KB = 6417		Units = FT			
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	320	6097	☐		
OJO ALAMO	2147	4270	☐		
KIRTLAND	2318	4099	☐		
FRUITLAND	2394	4023	☐		Possible Gas
PICTURED CLIFFS	2759	3658	☐		
LEWIS	2869	3548	☐		
HUERFANITO BENTONITE	3187	3230	☐		
CHACRA	3624	2793	☐		
MASSIVE CLIFF HOUSE	4409	2008	☐	610	
MENEFEE	4419	1998	☐		
POINT LOOKOUT	4960	1457	☐		GAS
MANCOS	5325	1092	☐		
UPPER GALLUP	6055	362	☐		
GREENHORN	6893	-476	☐		
GRANEROS	6948	-531	☐		
TWO WELLS	6977	-560	☐	1600	Gas
UPPER CUBERO	7110	-693	☐		
LOWER CUBERO	7145	-728	☐		
OAK CANYON	7171	-754	☐		
ENCINAL	7224	-807	☐		
Total Depth	7291	-874	☐		
320' 8 5/8" 24 ppf, J-55, STC casing. Cement with 395 cuft. Circulate cement to surface.					
7 7/8" hole, 4-1/2" 11.6 ppf, L-80 LTC casing. Cement with 2172 cuft. Circulate cement to surface.					
Reference Wells:					
Reference Type	Well Name		Comments		

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

FEDERAL 11M

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 the est TD.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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**Directions from the Bloomfield, New Mexico, post office to the
ConocoPhillips Company**

Federal #11M well location

**2445' FSL 785' FEL Section 23, T26N R6W, NMPM
Rio Arriba County, New Mexico**

From the Bloomfield, New Mexico post office (Lat. 36.71111° N, Long. 107.99250° W):

Travel east on Hwy 64 0.4 mi to the intersection with Hwy 550 (Lat. 36.71111° N, Long. 107.98472° W).

Turn right (south) on Hwy 550 and travel southwesterly 1.0 mi to CR 4990 (Sullivan Road) (Lat. 36.69639° N, Long. 107.98750° W).

Turn left on CR 4990 and travel easterly 15.0 mi to CR 4550 at the Largo Wash Bridge (Lat. 36.68694° N, Long. 107.75694° W).

Travel southeasterly on CR 4550 21.3 mi to the old Largo School (Lat. 36.47972° N, Long. 107.52806° W).

Turn right just past the old school and travel southerly (toward Counselor) 2.5 mi to a fork in the road (Lat. 36.45000° N, Long. 107.51028° W).

Take the fork to the left and travel easterly across both Largo and Tapacito Washes 3.5 mi to another fork in the road (Lat. 36.44806° N, Long. 107.44944° W).

Take the fork to the left, cross Tapacito Wash, and travel northeasterly 2.0 mi to the new access on the west (left) side of the road (Lat. 36.47165° N, Long. 107.42983).

The new access continues northwesterly 155' to the new location (Lat. 36.47184° N, Long. 107.43087° W).