

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 13 2011

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	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	5. Lease Number SF-078999
1b. Type of Well GAS		Unit Reporting Number NMNM78421A(NW) NMNM78421B 6. If Indian, All. or Tribe
2. Operator ConocoPhillips Company	7. Unit Agreement Name San Juan 31-6 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 9. Well Number 28N	
4. Location of Well Surface: Unit L(NWSW), 2175' FSL & 240' FWL Surface: Latitude: 36.854786° N (NAD83) Longitude: 107.458440° W	10. Field, Pool, Wildcat Blanco MV / Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 34, T31N, R6W API # 30-039- 31083	
14. Distance in Miles from Nearest Town 46.6 miles - P.O. in Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 240	17. Acres Assigned to Well DK 320.00 acres S/2 MV 320.00 acres W/2	
16. Acres in Lease 2560.000	RCVD NOV 15 '11	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1085' SJ 31-6 #25M	OIL CONS BILL	
19. Proposed Depth 8053	20. Rotary or Cable Tools Rotary	DIST. 3
21. Elevations (DF, FT, GR, Etc.) 6476' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Arleen Kellywood</u> Arleen Kellywood (Staff Regulatory Tech)	9/13/11 Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

Archaeological Report attached

A gas recovery unit may or may not be used on this location.

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

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

NOV 21 2011

NMOCD

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

DISTRICT II
1301 West 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 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-1
Revised July 16, 20
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045- -033-31083	² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 31328	⁵ Property Name SAN JUAN 31-6 UNIT	⁶ Well Number 28N
⁷ GRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6476'

¹⁰ Surface Location

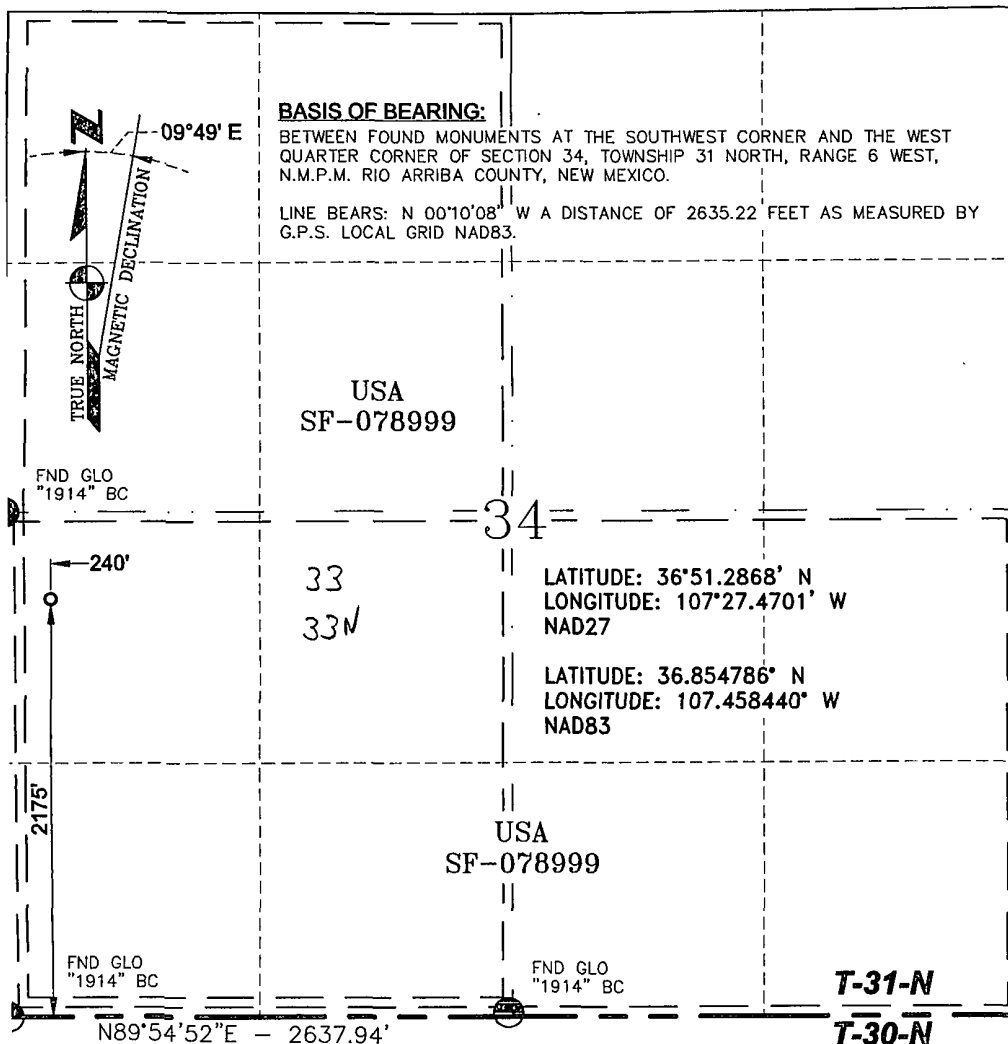
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	34	31-N	6-W		2175	SOUTH	240	WEST	SAN JUAN

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 DK 320.00 ACRES S/2 MV 320.00 ACRES W/2			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ 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

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

Dollie L. Busse 1/13/11
Signature Date
Dollie L. Busse
Printed Name

E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this 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.

MARCH 29, 2011
Date of Survey

Signature and Seal of Professional Surveyor



GLEN W. RUSSELL
Certificate Number

15703

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 31-6 UNIT 28N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.0139				AFE \$:	
Field Name: SAN JUAN		Rig: Aztec Rig 730		State: NM	County: SAN JUAN		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer:		Phone:		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
RON	BLANCO MESAVERDE (PRORATED GAS)						
FRR	BASIN DAKOTA (PRORATED GAS)						
Location: Surface Datum Code: NAD 27 Straight Hole:							
Latitude: 36.854780		Longitude: -107.457836		X:	Y:	Section: 34	Range: 006W
Footage X: 240 FWL		Footage Y: 2175 FSL		Elevation: 6476 (FT)		Township: 031N	
Tolerance:							
Location Type: Restricted		Start Date (Est.): 1/1/2014		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6491 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6291		<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
NACIMIENTO	1264	5227		<input type="checkbox"/>			
OJO ALAMO	2501	3990		<input type="checkbox"/>			
KIRTLAND	2605	3886		<input type="checkbox"/>			
FRUITLAND	2988	3503		<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	3449	3042		<input type="checkbox"/>			
LEWIS	3547	2944		<input type="checkbox"/>			
Intermediate Casing	3647	2844		<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 822 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	4185	2306		<input type="checkbox"/>			
CHACRA	4599	1892		<input type="checkbox"/>			
MASSIVE CLIFF HOUSE	5401	1090		<input type="checkbox"/>	500		Gas
MENEFEE	5439	1052		<input type="checkbox"/>			
POINT LOOKOUT	5712	779		<input type="checkbox"/>			
MANCOS	6064	427		<input type="checkbox"/>			
UPPER GALLUP	7009	-518		<input type="checkbox"/>			
GREENHORN	7742	-1251		<input type="checkbox"/>			
GRANEROS	7792	-1301		<input type="checkbox"/>			
TWO WELLS	7889	-1398		<input type="checkbox"/>	2733		Gas
UPPER CUBERO	7908	-1417		<input type="checkbox"/>			
LOWER CUBERO	7953	-1462		<input type="checkbox"/>			
ENCINAL	8023	-1532		<input type="checkbox"/>			
Total Depth	8053	-1562		<input type="checkbox"/>			6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 599 cuft. Circulate cement a minimum of 100' inside the previous casing string.
Reference Wells:							
Reference Type	Well Name			Comments			

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San Juan Business Unit

SAN JUAN 31-6 UNIT 28N

DEVELOPMENT

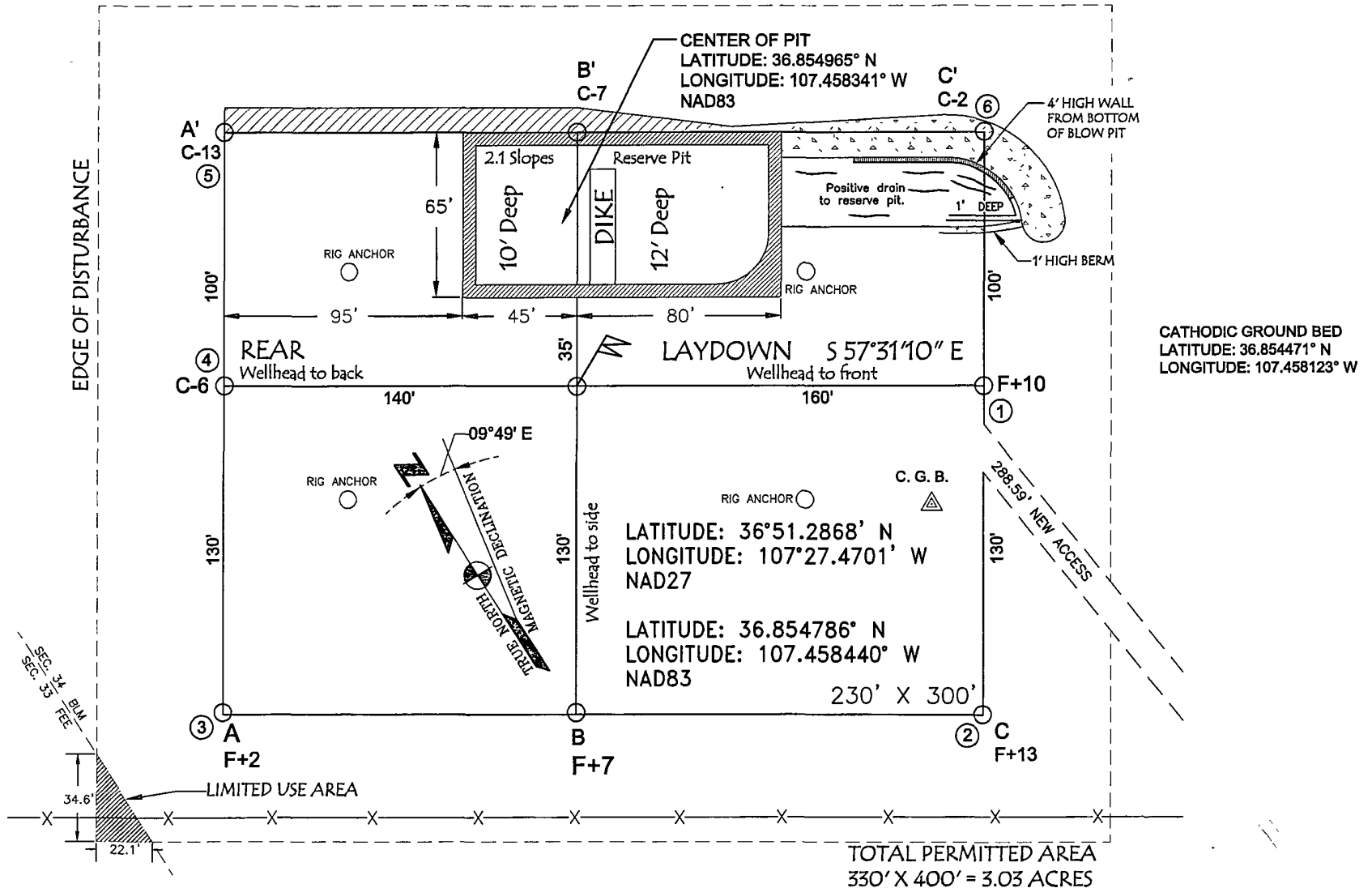
Logging Program:			
Intermediate Logs:	<input type="checkbox"/> Log only if show	<input type="checkbox"/> GR/ILD	<input type="checkbox"/> Triple Combo

TD Logs:	<input type="checkbox"/> Triple Combo	<input type="checkbox"/> Dipmeter	<input type="checkbox"/> RFT	<input type="checkbox"/> Sonic	<input type="checkbox"/> VSP	<input type="checkbox"/> TDT	<input checked="" type="checkbox"/> Other
Mud log from ~100' above the Upper Gallup to TD. Mud loggers will call final TD.							

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

CONOCOPHILLIPS COMPANY

SAN JUAN 31-6 UNIT #28N, 2175' FSL & 240' FWL
SECTION 34, T-31-N, R-6-W, NMPM, RIO ARriba COUNTY, NM
GROUND ELEVATION: 6476', DATE: FEBRUARY 15, 2011



Scale: 1" = 60'

Directions from the Post Office
in Blanco, NM
to
CONOCOPHILLIPS COMPANY
SAN JUAN 31-6 UNIT 28N
2175' FSL & 240' FWL,
Section 34, T31N, R6W, N.M.P.M., Rio Arriba County,
New Mexico
Latitude: 36° 51' 17.231" N
Longitude: 107° 27' 30.383" W
Nad 83

Take Highway 64 East for 28.8 miles
To Hwy 527 (Simms Mesa Hwy),
Turn left (northwest) on Hwy 527 for 8.0 miles,
To Rosa Road, turn right (northeast) for 6.6 miles,
Across La Jara Bridge to the top of the Mesa,
Turn left (northeasterly) 0.8 miles,
Continue (northwesterly) 0.5 miles,
Continue (westerly) 1.2 miles to fork,
Stay right (northwesterly) 0.6 miles,
turn right (northwesterly) 200',
to the beginning of new access on the right side of the road and
continues for 288.59' to the newly staked location .