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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 02 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 - 078995
1b. Type of Well GAS	Unit Reporting Number NMNM 78421A-MI
	6. If Indian, All. or Tribe NMNM 78421B DK
2. Operator ConocoPhillips	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 8. Well Number #44M
4. Location of Well Unit O (SWSE), 650' FSL & 2055' FEL, Latitude 36.865077 N Longitude 107.484196 W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 29, T31N, R6W API # 30-039- 30636
14. Distance in Miles from Nearest Town 48.4 miles/Blanco	12. County Rio Arriba
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 2055'	
16. Acres in Lease 1920.000	17. Acres Assigned to Well 320.00- E/2 (MV/DK)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease Approx. 1000' from SJ 31-6 Unit 44E	
19. Proposed Depth 8034'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6494' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Jamie Goodwin</u> Jamie Goodwin (Regulatory Technician)	<u>1/2/09</u> Date

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE Petr. Eng DATE 1/29/09

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

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

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

NMOC

FEB 05 2009

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

HOLD C104 FOR NSL MV

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-102
Revised October 12, 2005

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-340360	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 44M
⁷ GRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6494'

¹⁰ Surface Location

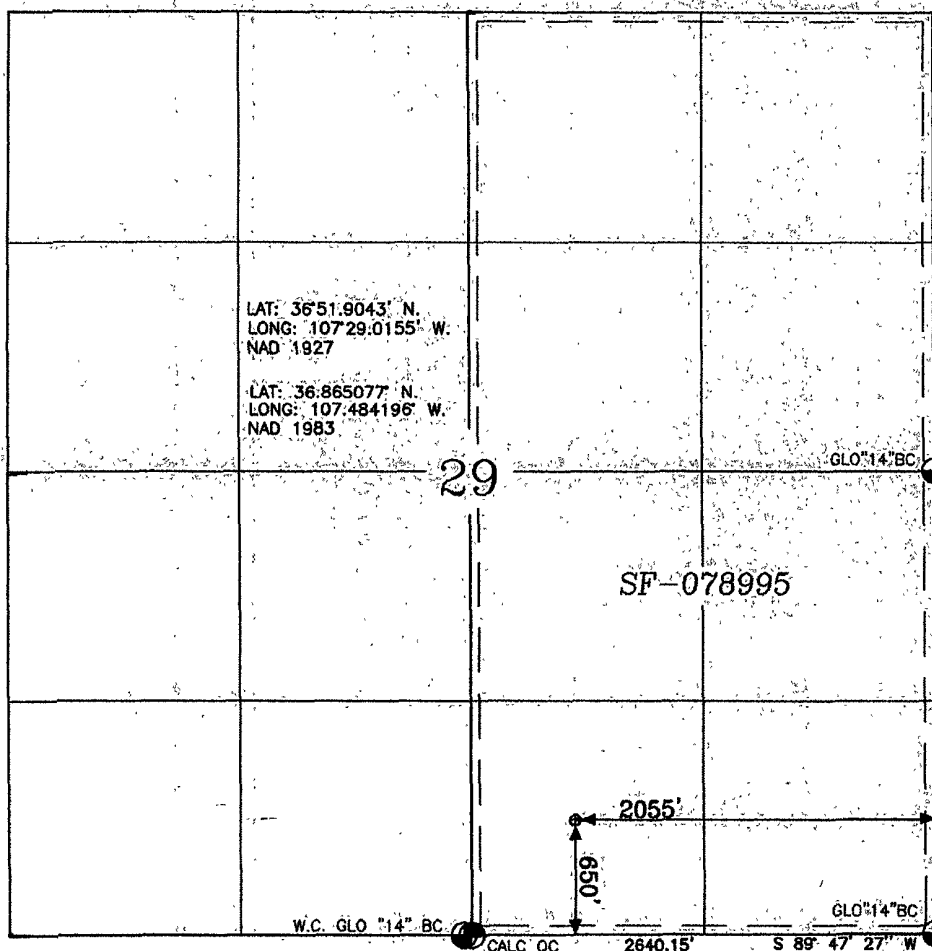
UL or lot no. 0	Section 29	Township 31-N	Range 6-W	Lot Idn	Feet from the 650'	North/South line SOUTH	Feet from the 2055'	East/West line EAST	County RIO ARriba
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. 0	Section 29	Township 31-N	Range 6-W	Lot Idn	Feet from the 650'	North/South line SOUTH	Feet from the 2055'	East/West line EAST	County RIO ARriba
¹² Dedicated Acres DK 320.0 ACRE E/2 MV 320.0 ACRE E/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.

Crystal Tafoya 8/4/08
Signature

Crystal Tafoya 8-4-08
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.

7-15508
Date of Survey

Calvin W. Russell
Signature of Professional Surveyor

NEW MEXICO
LICENSED PROFESSIONAL SURVEYOR
15703

Calvin W. Russell
Certificate Number 15703

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

BURLINGTON RESOURCES	
WAN.RFE.PD08.C7	
SAN JUAN 31 - 6 # 44 M	DATE 7/24/2008
WELL NAME	
WELL NAME	

COORDINATES

SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
O 29	31 N	6 W	36.865077 N	107.484196 W

COUNTY

RIO ARRIBA

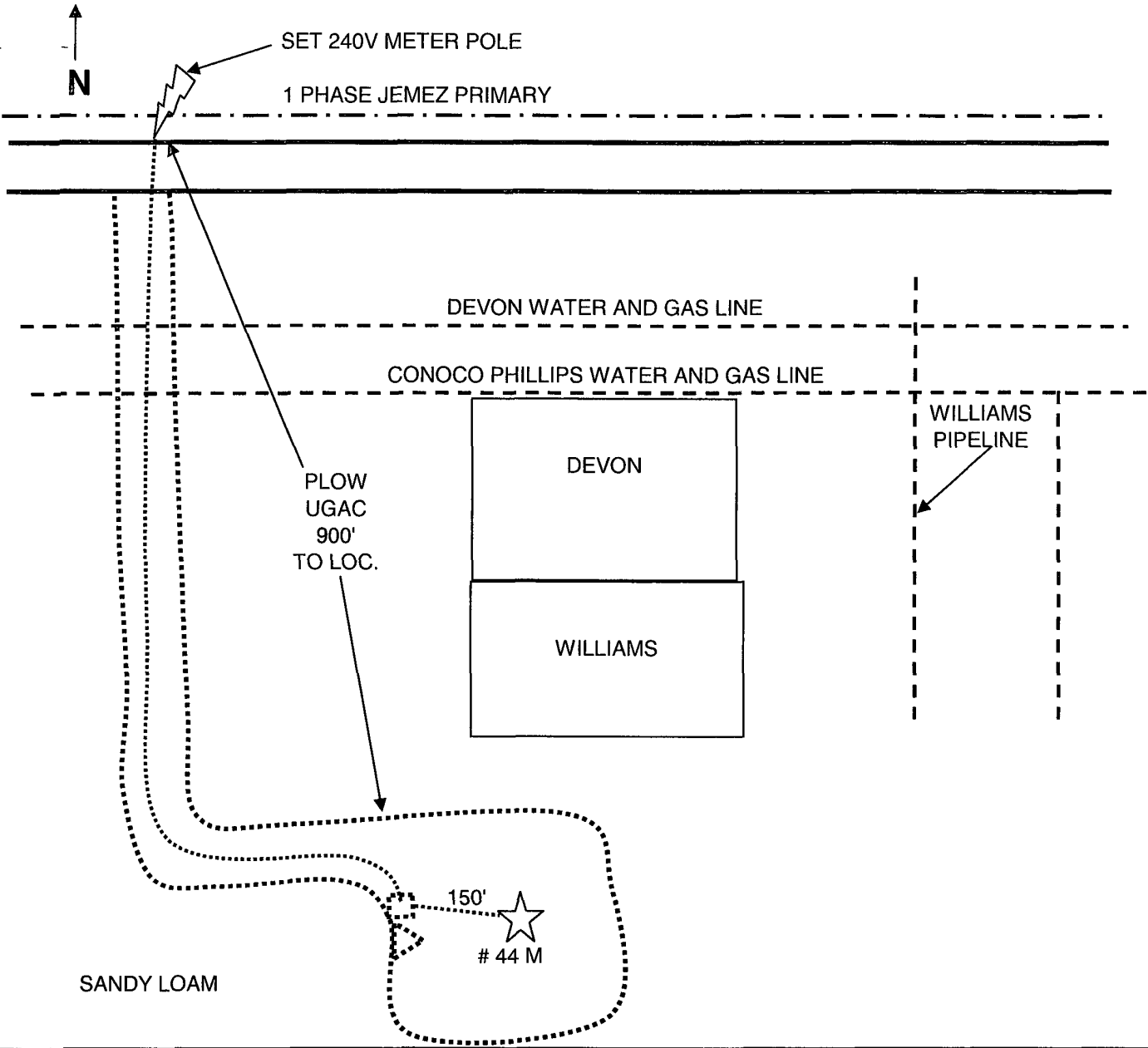
RECTIFIER
SOLAR
GROUND BED
240 V METER POLE
480 V METER POLE
D C CABLES
A C CABLES
PRIMARY POWER
DISTANCE TO POWER
UNDERGROUND
PUMPJACK
WATER PUMP

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
30/12	X			
	X			
	X			
# 8	200'			
# 8	1000'			
			JEMEZ	
			900'	

COMMENTS

SANDY LOAM
1 PHASE JEMEZ PRIMARY 900'
INSTALL SINGLE WELL RECTIFIER SYSTEM
SET 240V METER POLE

WELL NAME
SAN JUAN 31 - 6 # 44 M



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

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 31-6 UNIT 44M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8138		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 282		State: NM	County: RIO ARRIBA
Geologist:		Phone:	Geophysicist:	Phone:	
Geoscientist: Johnson, David		Phone: +1 505-324-6169	Prod. Engineer:	Phone:	
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797	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					
Latitude: 36.865071	Longitude: -107.483591	X:	Y:	Section: 29	Range: 006W
Footage X: 2055 FEL	Footage Y: 650 FSL	Elevation: 6494 (FT)	Township: 031N		
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2009		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6510 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6310	☐		
OJO ALAMO	2467	4043	☐		
KIRTLAND	2588	3922	☐		
FRUITLAND	3012	3498	☐		Possible Gas
PICTURED CLIFFS	3352	3158	☐		
LEWIS	3542	2968	☐		
Intermediate Casing	3692	2818	☐		
HUERFANITO BENTONITE	4215	2295	☐		
CHACRA	4618	1892	☐		
UPPER CLIFF HOUSE	5275	1235	☐		Gas
MASSIVE CLIFF HOUSE	5426	1084	☐	550	Gas
MENEFEE	5472	1038	☐		
POINT LOOKOUT	5731	779	☐		
MANCOS	6094	416	☐		
UPPER GALLUP	7039	-529	☐		
GREENHORN	7776	-1266	☐		
GRANEROS	7817	-1307	☐		
PAGUATE	7938	-1428	☐	2600	
UPPER CUBERO	7944	-1434	☐		
LOWER CUBERO	7989	-1479	☐		
Total Depth	8034	-1524	☐		
ENCINAL	8054	-1544	☐		
Reference Wells:					
Reference Type	Well Name	Comments			
Production	SJ 31-6 41	31N-6W29 SE NW SW			

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 31-6 UNIT 44M

DEVELOPMENT

Production	SJ 31-6 47M	31N-6W32 W2 NE NW
Production	SJ 31-6 46	31N-6W32 SW NE NE
Production	SJ 31-6 44E	31N-6W29 SE NW SE

Logging Program:

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

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

Cased Hole GR / CBL

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Directions from the Post Office
in Blanco, NM
to
CONOCOPHILLIPS COMPANY
SAN JUAN 31-6 UNIT 44M
650' FSL & 2055' FEL,
Section 29, T31N, R6W, N.M.P.M., Rio Arriba County,
New Mexico
Latitude: 36° 51' 54.28" N
Longitude: 107° 29' 03.11" W
Nad 83

From the Post Office in Blanco, NM
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,
Stay on main road (westerly) 0.5 miles,
Continue (west) 1.1 miles to fork,
Stay right (northwesterly) 0.6 miles to intersection,
Turn right (northwesterly) 1.6 miles to fork,
Stay left (westerly) 0.4 miles,
To beginning of new access on left side of road,
Proceed (southerly) 882.59' to the newly staked location.