


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCT 07 2008

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA SF-079290 Unit Reporting Number <b>NMNM-78413C-DK NMNM78413AMV</b>	
1b. Type of Well GAS	6. If Indian, All. or Tribe <b>RCVD JAN 7 '09</b>	
2. Operator ConocoPhillips Company	7. Unit Agreement Name San Juan 28-7 Unit CONS. DIV.	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499  (505) 326-9700	8. Farm or Lease Name DIST. 3	
4. Location of Well Surf: Unit E(SWNW), 2500' FNL & 540' FWL  Surf: Latitude 36.632675° N Longitude 107.550038° W	9. Well Number #188N  10. Field, Pool, Wildcat Basin Dakota/Blanco Mesaverde  11. Sec., Twn, Rge, Mer. (NMPM) E Sec. 26, T28N, R7W  API # 30-039-30573	
14. Distance in Miles from Nearest Town 42.3 miles/Bloomfield, NM	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 540'	17. Acres Assigned to Well 320.00 WZ	
16. Acres in Lease 1280.000	 H <sub>2</sub> S POTENTIAL EXIST	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1287' from San Juan 28-7 Unit #188M MV/DK	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 7732'	22. Approx. Date Work will Start 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	
21. Elevations (DF, FT, GR, Etc.) 6604' GR	24. Authorized by: <u>Jamie Goodwin</u> Jamie Goodwin (Regulatory Technician)	

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 NMB-000015 and NMB-000089

JAN 08 2009

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

NMOCD

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

1/15/2001

1625 N. French Dr., Hobbs, NM 88240  
District II  
 1301 W. Grand Avenue, Artesia, NM 88210  
District III  
 1000 Rio Brazos Rd., Aztec, NM 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 - 7 Copies  
 Fee Lease - 3 Copies

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-039-30573</b>	<sup>2</sup> Pool Code <b>71599 / 72319</b>	<sup>3</sup> Pool Name <b>BASIN DAKOTA / BLANCO MESAVERDE</b>
<sup>4</sup> Property Code <b>31739</b>	<sup>5</sup> Property Name <b>SAN JUAN 28-7 UNIT</b>	
<sup>7</sup> OGRID No. <b>217817</b>	<sup>8</sup> Operator Name <b>CONOCOPHILLIPS COMPANY</b>	<sup>6</sup> Well Number <b>188N</b>
		<sup>9</sup> Elevation <b>6604</b>


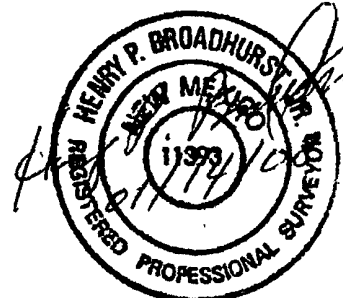
**10 SURFACE LOCATION**

UL or lot no. <b>E</b>	Section <b>26</b>	Township <b>28-N</b>	Range <b>7-W</b>	Lot Idn	Feet from the <b>2500</b>	North/South line <b>NORTH</b>	Feet from the <b>540</b>	East/West line <b>WEST</b>	County <b>RIO ARriba</b>
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**11 Bottom Hole Location If Different From Surface**

UL or lot no. <b>E</b>	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres <b>320</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code		<sup>15</sup> 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

<sup>16</sup> N 89°46'04" E 2598.6' (M) N 89°56'00" E 2834.7' (R) NW/4 DEDICATED ACREAGE USA SF-079290 5280.0' (R) 2500' WELL FLAG NAD 83 LAT: 36.632675° N LONG: 107.550038° W NAD 27 LAT: 36°37.960039' N LONG: 107°32.965892' W 540' SW/4 DEDICATED ACREAGE USA SF-078496-A SECTION 26, T-28-N, R-7-W S 0°01'00" E	<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 of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  Signature <b>James Gardenhire</b> Printed Name <b>Regulatory Technician</b> Title and E-mail Address <b>10/06/08</b> Date	
	<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. Date of Survey: 1/3/08 Signature and Seal of Professional Surveyor:  Certificate Number: NM 11393	

**COMPANY**  
**Charge Code**  
**WELL NAME**  
**DUAL WELL**  
**TRIPLE WELL**

BURLINGTON RESOURCES		
WAN.RFE.PDO7.MI		
SAN JAUN 28 - 7 # 188 N	DATE	1/15/2008
WELL NAME		
WELL NAME		

COORDINATES	SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
	E 26	28 N	7 W	36.632657 N	107.550038 W

COUNTY

RIO ARRIBA
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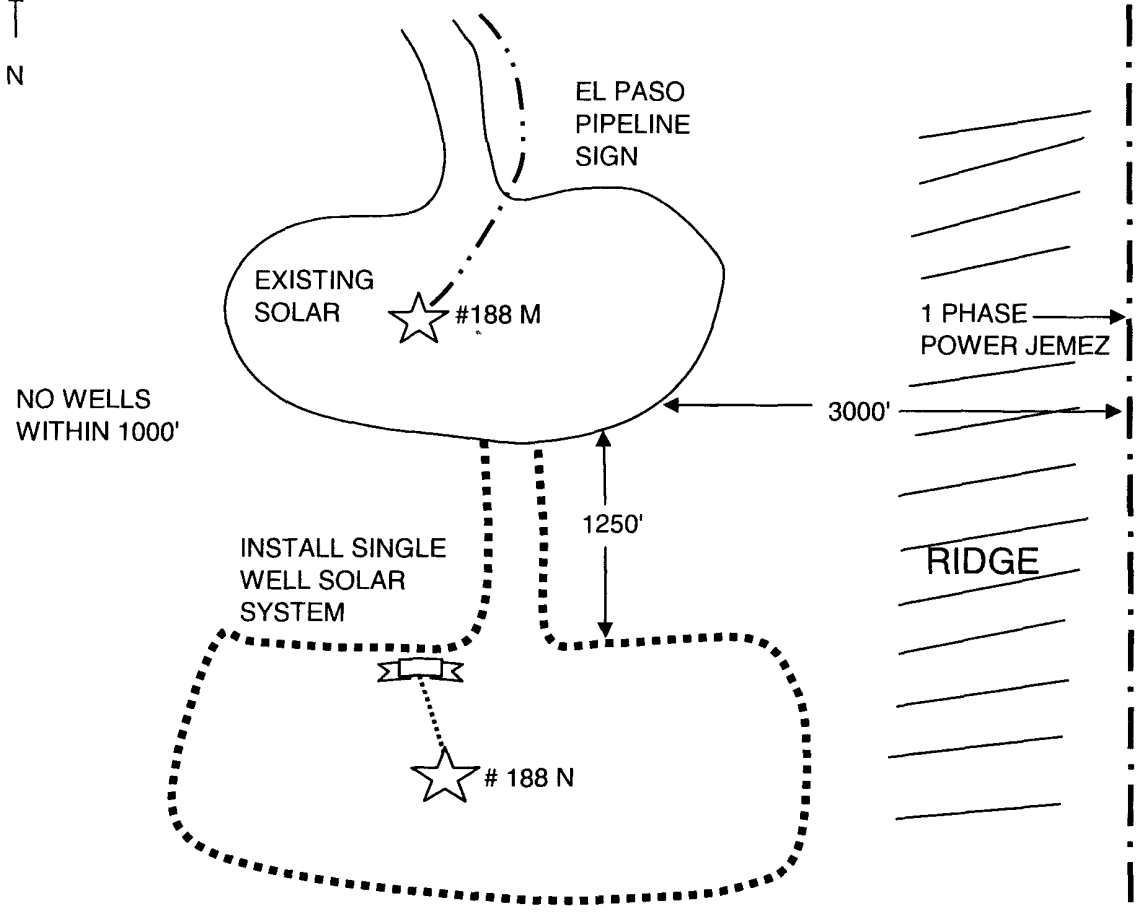
	SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
<u>RECTIFIER</u>					
<u>SOLAR</u>	single	X			
<u>GROUND BED</u>					
<u>240 V METER POLE</u>					
<u>480 V METER POLE</u>					
<u>D C CABLES</u>	# 8	200'			
<u>A C CABLES</u>					
<u>PRIMARY POWER</u>				Jemez	
<u>DISTANCE TO POWER</u>				3000 ft	
<u>UNDERGROUND</u>					
<u>PUMPJACK</u>					
<u>WATER PUMP</u>					
<u>COMPRESSOR</u>					
<u>RTU</u>					
<u>SAMS</u>					
<u>TANKS</u>					

COMMENTS

install single solar system - some sand stone -

WELL NAME
SAN JUAN 28 - 7 # 188 N

↑  
N



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

SAN JUAN 28-7 UNIT 188N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7493				AFE \$:	
Field Name: hBR_SAN JUAN		Rig: XXX 2010 Deep		State: NM	County: RIO ARRIBA		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797		Proj. Field Lead:		Phone:	
<b>Primary Objective (Zones):</b>							
Zone	Zone Name						
FRR	BASIN DAKOTA (PRORATED GAS)						
RON	BLANCO MESAVERDE (PRORATED GAS)						
<b>Location:</b> Surface <b>Datum Code:</b> NAD 27							
Latitude: 36.632667		Longitude: -107.549431		X:	Y:	Section: 26	Range: 007W
Footage X: 540 FWL		Footage Y: 2500 FNL		Elevation: 6604 (FT)		Township: 028N	
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2010		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6616      Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	200	6416	<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.	
OJO ALAMO	2436	4180	<input type="checkbox"/>				
KIRTLAND	2541	4075	<input type="checkbox"/>				
FRUITLAND	2923	3693	<input type="checkbox"/>			Possible Gas	
PICTURED CLIFFS	3251	3365	<input type="checkbox"/>				
LEWIS	3363	3253	<input type="checkbox"/>				
Intermediate Casing	3463	3153	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 780 cuft. Circulate cement to surface.	
HUERFANITO BENTONITE	3841	2775	<input type="checkbox"/>				
CHACRA	4206	2410	<input type="checkbox"/>				
MASSIVE CLIFF HOUSE	4886	1730	<input type="checkbox"/>	350		Gas	
MENEFEE	5023	1593	<input type="checkbox"/>				
POINT LOOKOUT	5453	1163	<input type="checkbox"/>				
MANCOS	5791	825	<input type="checkbox"/>				
UPPER GALLUP	6678	-62	<input type="checkbox"/>				
GREENHORN	7404	-788	<input type="checkbox"/>				
GRANEROS	7466	-850	<input type="checkbox"/>				
TWO WELLS	7508	-892	<input type="checkbox"/>	2350		Gas	
UPPER CUBERO	7622	-1006	<input type="checkbox"/>				
LOWER CUBERO	7654	-1038	<input type="checkbox"/>				
ENCINAL	7732	-1116	<input type="checkbox"/>			6 1/4" hole. 4 1/2" csg. 10.5 / 11.6 ppf J-55 ST&C & LT&C. Cement with 581 cu-ft. Circulate cement up to at least 100-ft into the previous csg. string.	
TOTAL DEPTH DK	7732	-1116	<input type="checkbox"/>				
<b>Reference Wells:</b>							
Reference Type	Well Name			Comments			

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-7 UNIT 188N

DEVELOPMENT

## Logging Program:

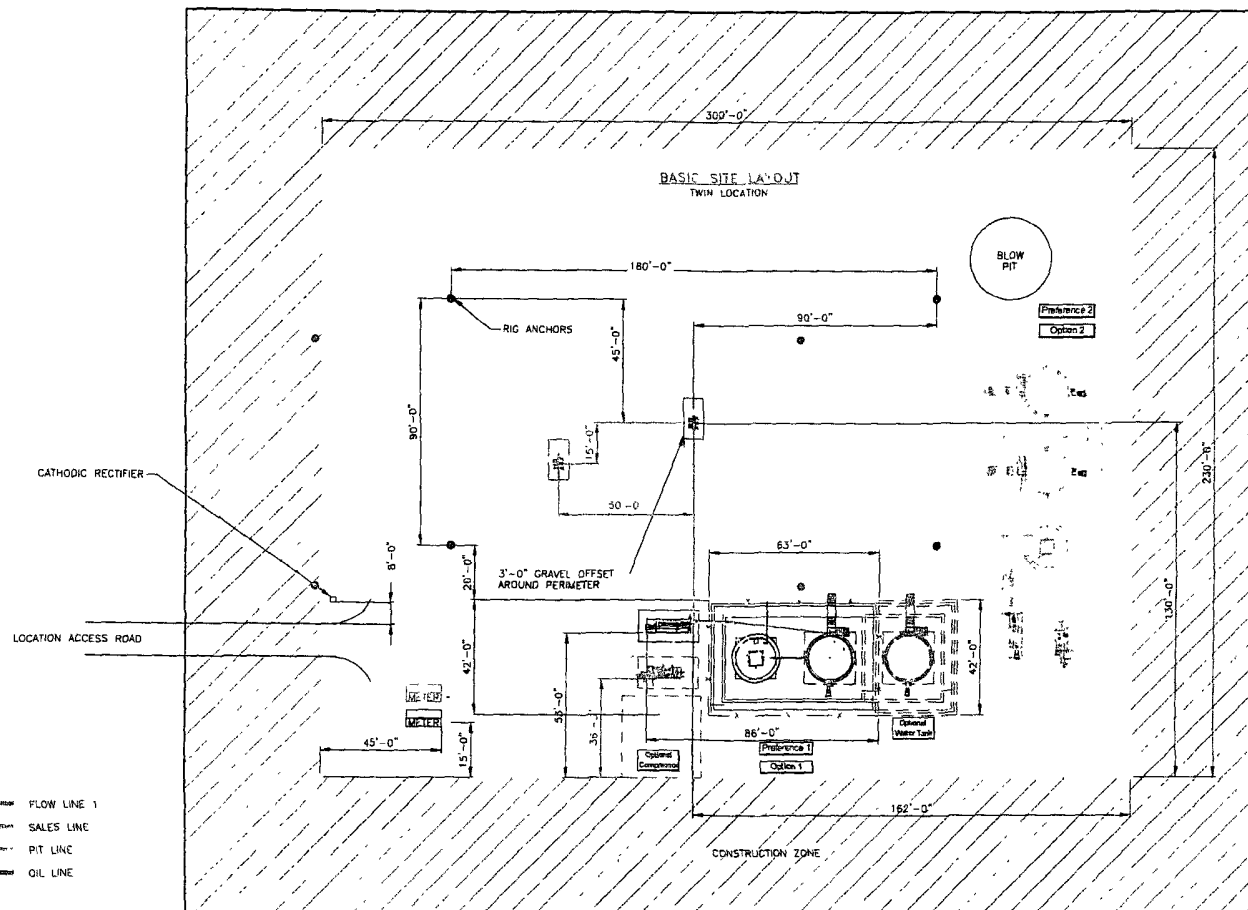
Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

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

Estimated bottom perf ~20 above est TD.


## Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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SEE SHEET 3 & 4 FOR PIPING DETAILS  
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

										ENGINEERING REVIEW			REFERENCE DRAWINGS			<div></div>			CONOCOPHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT			
										DISCIPLINE	REVIEWED	DATE	NO	DESCRIPTION					CLIENT NO.	CLIENT ADDR.	APPRO. DATE	
										PROCESS									SCALE	SCALE	CREATION DATE	
										MECHANICAL									DWG. NO.	HP3PHASE-REV1	SHEET NO.	
										PIPING									1 of 5			
										ELECTRICAL												
										I & C												
										CIVIL/STRUCTURAL												
										PROJECT												
DESCRIPTION										DATE	BY	CHK'D	ENG	OSC	PRJ.	SAN JUAN BUSINESS UNIT						

## **CONOCOPHILLIPS COMPANY**

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**SAN JUAN 28-7 UNIT #188N**

**2500' FNL, 540' FWL**

**SECTION 26, T-28-N, R-7-W, N.M.P.M.,**

**RIO ARriba COUNTY, NEW MEXICO**

**NAD 83 LAT.: 36.632675°N LONG.: 107.550038° W**

**GROUND ELEV.: 6604 FIN. ELEV.: 6599 NAVD88**

**NEW ACCESS ROAD 992.2'**

### **DRIVING DIRECTIONS TO COPC SAN JUAN 28-7 UNIT #188N:**

- DRIVING DIRECTIONS START FROM BLOOMFIELD, N.M. AT INTERSECTION OF HWY. 550 AND HWY. 64.
- GO EAST ON HWY. 64 FOR 31.7 MI. (MILE POST 96.3)
- TURN RIGHT ON C.R. 495, BY 29-6 WATER HOLE.
- GO 2.0 MI. SOUTH-EAST ON C.R. 495. TURN RIGHT.
- GO 1.3 MI. SOUTH, UP ONTO "DEVILS SPRINGS MESA," TURN RIGHT.
- GO 6.1 MI. WEST AND SOUTH ON DELGADITA MESA (RIDGE ROAD). TURN RIGHT.
- GO 0.2 MI. NORTH-WEST. TURN LEFT.
- GO 0.7 MI. SOUTH-WEST ON ROAD TO EXISTING COPC WELL SAN JUAN 28-7 UNIT #188M.
- BEGIN 992.2 FT. NEW ACCESS AT SOUTH-WEST EDGE OF THIS LOCATION. SAN JUAN 28-7 UNIT #188N WELL STAKED SOUTH-WEST FROM SAN JUAN 28-7 UNIT #188M WELL PAD.