

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JAN 26 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 SF-080538 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator  ConocoPhillips	7. Unit Agreement Name  San Juan 30-5 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499  (505) 326-9700	8. Farm or Lease Name RVD JUN 17 '09 9. Well Number OIL CONS. DIV. 111E DIST. 3	
4. Location of Well Unit F (SENW), 1415' FNL & 1490' FWL,  Latitude: 36.815974 N Longitude: 107.312579 W	10. Field, Pool, Wildcat Basin DK/Blanco MV  11. Sec., Twn, Rge, Mer. (NMPM) F Sec. 13, T30N, R5W  API # 30-039-30665	
14. Distance in Miles from Nearest Town 60 miles/Bloomfield	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1415'	17. Acres Assigned to Well 320.00 (W/2)	
16. Acres in Lease 1,886.390		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 348' from the San Juan 30-5 Unit 259A (FC)		
19. Proposed Depth 8382' This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6886' GL	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <i>James Gardenhire</i> James Gardenhire (Regulatory Technician)	1-23-09 Date	

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

JUN 24 2009

NMOCD

District I  
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

JAN 26 2009  
Bureau of Land Management  
Farmington Field Office ☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

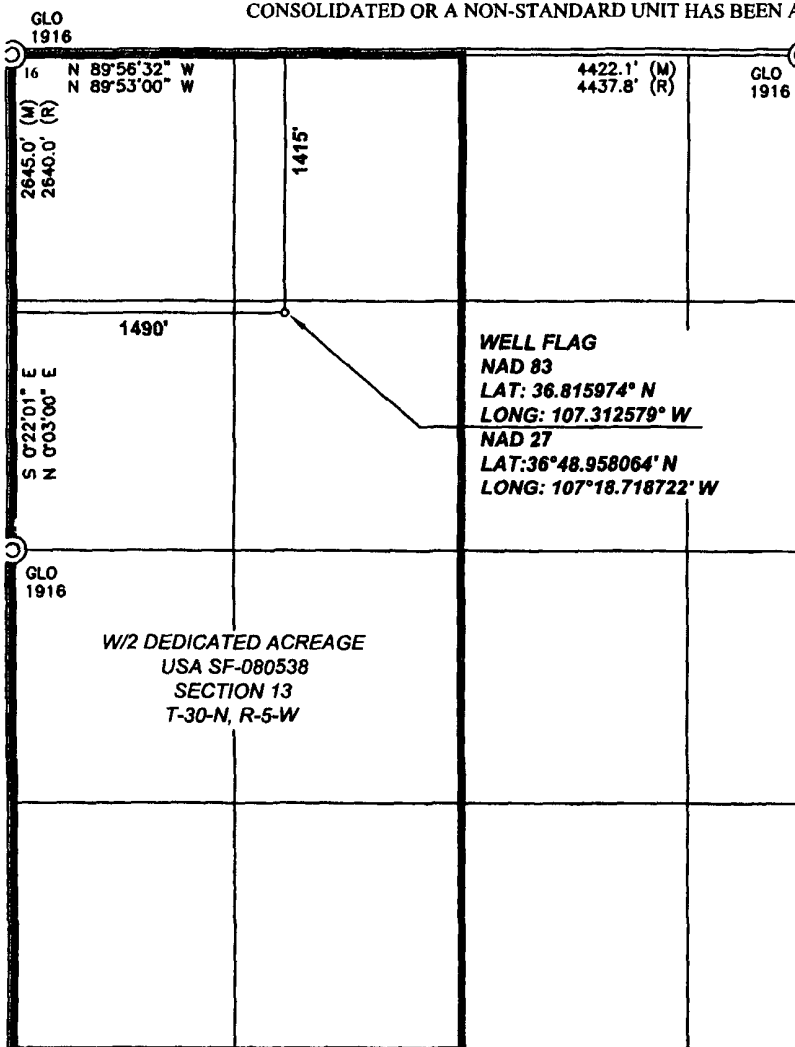
<sup>1</sup> API Number 30-039-30005		<sup>2</sup> Pool Code 71599/72319		<sup>3</sup> Pool Name BASIN DAKOTA / BLANCO MESAVERDE	
<sup>4</sup> Property Code 31327		<sup>5</sup> Property Name SAN JUAN 30-5 UNIT			<sup>6</sup> Well Number 111E
<sup>7</sup> OGRID No. 217817		<sup>8</sup> Operator Name CONOCOPHILLIPS COMPANY			<sup>9</sup> Elevation 6886

<sup>10</sup> SURFACE LOCATION									
UL or lot no. F	Section 13	Township 30-N	Range 5-W	Lot Idn	Feet from the 1415	North/South line NORTH	Feet from the 1490	East/West line WEST	County RIO ARRIBA

<sup>11</sup> Bottom Hole Location If Different From Surface									
UL or lot no. F	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
									RCVD JUN 23 '09
<sup>12</sup> Dedicated Acres 320.00 (W)		<sup>13</sup> Joint or Infill (2)		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No. OIL CONS. DIV.			

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

DIST. 3



<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.	
<i>Crystal Tafoya 4/18/08</i> Signature Crystal Tafoya	
Printed Name Regulatory Technician	
Title and E-mail Address June 18, 2008	
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: 4/22/08 Signature and Seal of Professional Surveyor:	
Certificate Number: NM 11393	

COMPANY  
 Charge Code  
 WELL NAME  
 DUAL WELL  
 TRIPLE WELL

BURLINGTON RESOURCES		
WAN.RFE.PD08.A4		
SAN JUAN 30 - 5 # 111 E	DATE	6/18/2008
WELL NAME	SAN JUAN 30 - 5 # 111 F	
WELL NAME		

COORDINATES

SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
F 13	30 N	5 W	36.815974 N	107.312579 W

COUNTY

RIO ARRIBA
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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
(12/6)	X			
	X			
# 8	400'			
			JEMEZ	
			3/4 MILE	

COMMENTS

INSTALL DUAL WELL SOLAR SYSTEM
1 PHASE JEMEZ PRIMARY 3/4 MILE
FOREST AREA
LOTS OF SANDSTONE

WELL NAME

SAN JUAN 30 - 5 # 111 E

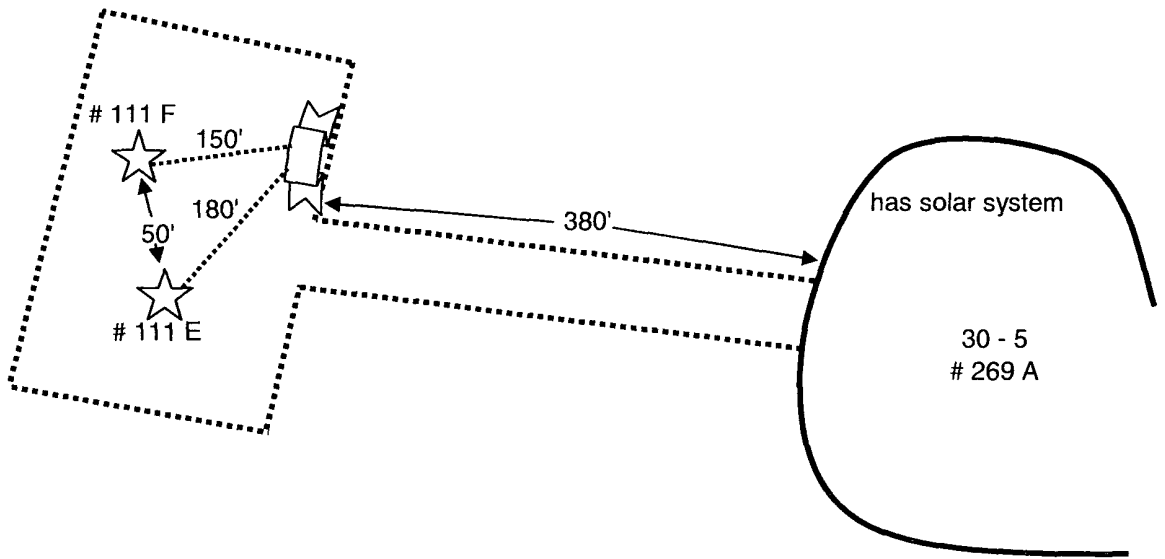


LOTS OF SANDSTONE

1 PHASE JEMEZ PRIMARY 3/4 MILE

FOREST AREA

INSTALL DUAL SOLAR SYSTEM



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 30-5 UNIT 111E

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8115		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 281		State: NM	County: RIO ARRIBA
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: 36.815967	Longitude: -107.311978	X:	Y:	Section: 13	Range: 005W
Footage X: 1490 FWL	Footage Y: 1415 FNL	Elevation: 6886 (FT)	Township: 030N		
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2009		Completion Date:	
Formation Data: Assume KB = 6898		Units = FT			
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6698	<input type="checkbox"/>		
OJO ALAMO	2955	3943	<input type="checkbox"/>		
KIRTLAND	3174	3724	<input type="checkbox"/>		
FRUITLAND	3220	3678	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	3822	3076	<input type="checkbox"/>		
LEWIS	3932	2966	<input type="checkbox"/>		
Intermediate Casing	4032	2866	<input type="checkbox"/>		8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 909 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	4620	2278	<input type="checkbox"/>		
CHACRA	4965	1933	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	5826	1072	<input type="checkbox"/>	750	Gas
MENEFEE	5837	1061	<input type="checkbox"/>		
POINT LOOKOUT	6019	879	<input type="checkbox"/>		
MANCOS	6475	423	<input type="checkbox"/>		
UPPER GALLUP	7345	-447	<input type="checkbox"/>		
GREENHORN	8052	-1154	<input type="checkbox"/>		
GRANEROS	8099	-1201	<input type="checkbox"/>		
TWO WELLS	8210	-1312	<input type="checkbox"/>	2800	Gas
UPPER CUBERO	8233	-1335	<input type="checkbox"/>		
LOWER CUBERO	8275	-1377	<input type="checkbox"/>		
ENCINAL	8347	-1449	<input type="checkbox"/>		
Total Depth	8382	-1484	<input type="checkbox"/>		6-1/4" hole, 4-1/2" 11.6 ppf, N-80, LTC casing. Cement w/ 592 cuft. Circulate cement a minimum of 100' inside the previous casing string.
Reference Wells:					
Reference Type	Well Name		Comments		

## PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-5 UNIT 111E

DEVELOPMENT

<b>Logging Program:</b>	
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
Est bottom perf ~20' above the est TD.	

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



# **CONOCOPHILLIPS COMPANY**

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**SAN JUAN 30-5 UNIT #111E  
1415' FNL, 1490' FWL  
SECTION 13, T-30-N, R-5-W, N.M.P.M.,  
RIO ARRIBA COUNTY, NEW MEXICO  
NAD 83 LAT.: 36.815974°N LONG.: 107.312579°W  
GROUND ELEV.: 6886 FIN. ELEV.: 6889 NAVD88  
NO NEW ACCESS**

**DRIVING DIRECTIONS TO: COPC SAN JUAN 30-5 UNIT #111F AND #111E  
IN THE NORTHWEST QUARTER OF SECTION 13, T-30-N, R-5-W IN RIO  
ARRIBA CO.**

THESE WELLS ARE STAKED TOGETHER AS TWINS. THEY ARE CO-LOCATED  
ON THE WEST SIDE OF THE CONOCOPHILLIPS SAN JUAN 30-5 UNIT #259A  
LOCATION. IT IS APPROXIMATELY 6 MILES NORTH WEST OF BIXLER RANCH  
ON THE NORTH WESTERLY POINT OF CABRESTO MESA.

FROM BLOOMFIELD, N.M.:

- GO EAST 50 MILES ON STATE HWY. 64 TO MILE MARKER 114.5. TURN LEFT (NORTH) ON FOREST ROAD #310 (A.K.A. "BIXLER RANCH") TURN OFF.
- GO 4.4 MILES NORTH WEST ON FOREST ROAD #310. TURN LEFT ON FOREST ROAD #311 AND HEAD WEST ALONG THE TOP OF CABRESTO MESA.
- GO 3.4 MILES WEST ON FOREST ROAD #311 ACROSS CABRESTO MESA. STAY STRAIGHT AT ROAD INTERSECTION #311 AND #311M AND HEAD NORTH ON FOREST ROAD #311M.
- GO 1.1 MILES NORTH TO ENERGEN WELL LOCATION 30-4 #39. CONTINUE THROUGH GATE AT NORTH WEST SIDE OF WELL PAD ON FOREST ROAD #311M.
- GO 0.5 MILES DOWN HILL ON FOREST ROAD #311M TO WELL LOCATION FOR COPC SJ 30-5 #263. TURN RIGHT (WEST) ON ACCESS ROAD TO COPC SJ 30-5 #263.
- GO 0.3 MILES WEST TO COPC SJ 30-5 #263 LOCATION. WELLS STAKED OFF WEST EDGE OF THIS LOCATION.