

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JAN 07 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-079289 Unit Reporting Number NMNM-7843C-DK
1b. Type of Well GAS	6. If Indian, All. or Tribe NMNM-7843A-MV
2. Operator ConocoPhillips	7. Unit Agreement Name OIL CONS. DIV. San Juan 28-7 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 9. Well Number 234P
4. Location of Well Unit G (NAME), 2080' FNL & 1980' FEL, STONE Latitude: 36.662766 N Longitude: 107.558667 W	10. Field, Pool, Wildcat Basin Dakota Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) G Sec. 15, T28N, R7W API # 30-039- 30642
14. Distance in Miles from Nearest Town 29.2 miles/Bloomfield	12. County Rio Arriba
15. Distance from Proposed Location to Nearest Property or Lease Line 1980'	13. State NM
16. Acres in Lease 1,304.480	17. Acres Assigned to Well 320.00 (E/2) MV/DK
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1073.8' from San Juan 30-5 Unit 234 (MV/DK)	20. Rotary or Cable Tools Rotary
19. Proposed Depth 7324'	21. Elevations (DF, FT, GR, Etc.) 6164' GL
22. Proposed Casing and Cementing Program See Operations Plan attached	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
24. Authorized by: James Gardenhire (Regulatory Technician)	1-06-08 Date

A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOC FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOC 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 3

Bond Numbers ES-0048 and ES-0085

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

NMOC

JAN 21 2009

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30042	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA / BLANCO MESAVERDE
⁴ Property Code 31739	⁵ Property Name SAN JUAN 28-7 UNIT	
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	
		⁶ Well Number 234P
		⁹ Elevation 6164

¹⁰ SURFACE LOCATION

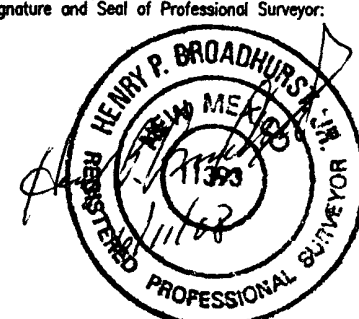
UL or lot no. G	Section 15	Township 28-N	Range 7-W	Lot Idn	Feet from the 2080	North/South line NORTH	Feet from the 1980	East/West line EAST	County RIO ARriba
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. G	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 320.00 (E/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

<p>¹⁶</p> <div style="border: 1px solid black; padding: 5px; margin: 10px;"> WELL FLAG NAD 83 LAT: 36.662766° N LONG: 107.558667° W NAD 27 LAT: 36°39.765545' N LONG: 107°33.483647' W </div>	<p>GLO 1914 WEST N 89°30'00" E 2644.6' (R) 2624.9' (M) GLO 1914</p> <p style="font-size: 2em;">2080'</p> <p style="font-size: 2em;">2638.7' (M) 2640.0' (R)</p> <p style="font-size: 2em;">S 0°10'36" E N 0°01'00" W</p> <p style="font-size: 2em;">1980'</p> <p>GLO 1914</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>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></p> <p><i>Crystal Tafoya 6/17/08</i></p> <p>Signature Crystal Tafoya</p> <p>Printed Name Regulatory Technician</p> <p>Title and E-mail Address June 17, 2008</p> <p>Date</p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Date of Survey: 5/20/08</p> <p>Signature and Seal of Professional Surveyor:</p> <div style="text-align: center;">  </div> <p>Certificate Number: NM 11393</p>
<p>E/2 DEDICATED ACREAGE USA SF-079289 SECTION 15, T-28-N, R-7-W</p>		

COMPANY

BURLINGTON RESOURCES

Charge Code**WELL NAME**

SAN JUAN 28 - 7 # 234 P

DATE**DUAL WELL**

WELL NAME

TRIPLE WELL

WELL NAME

COORDINATES**SEC****TNSHP****RANGE****LATITUDE****LONGITUDE**

G 15

28 N

7 W

36.662766 N

107.558667 W

COUNTY

RIO ARRIBA

RECTIFIERSOLARGROUND BED240 V METER POLE480 V METER POLED C CABLESA C CABLESPRIMARY POWERDISTANCE TO POWERUNDERGROUNDPUMPJACKWATER PUMP

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
30/12	X			
	X			
# 8	200'			
			JEMEZ	
			800'	

COMMENTS

SANDY SOIL

1 PHASE JEMEZ PRIMARY 800' ACROSS WASH

INSTALL UGAC TO STUB POLE

INSTALL RECTIFIER SYSTEM - - SINGLE WELL

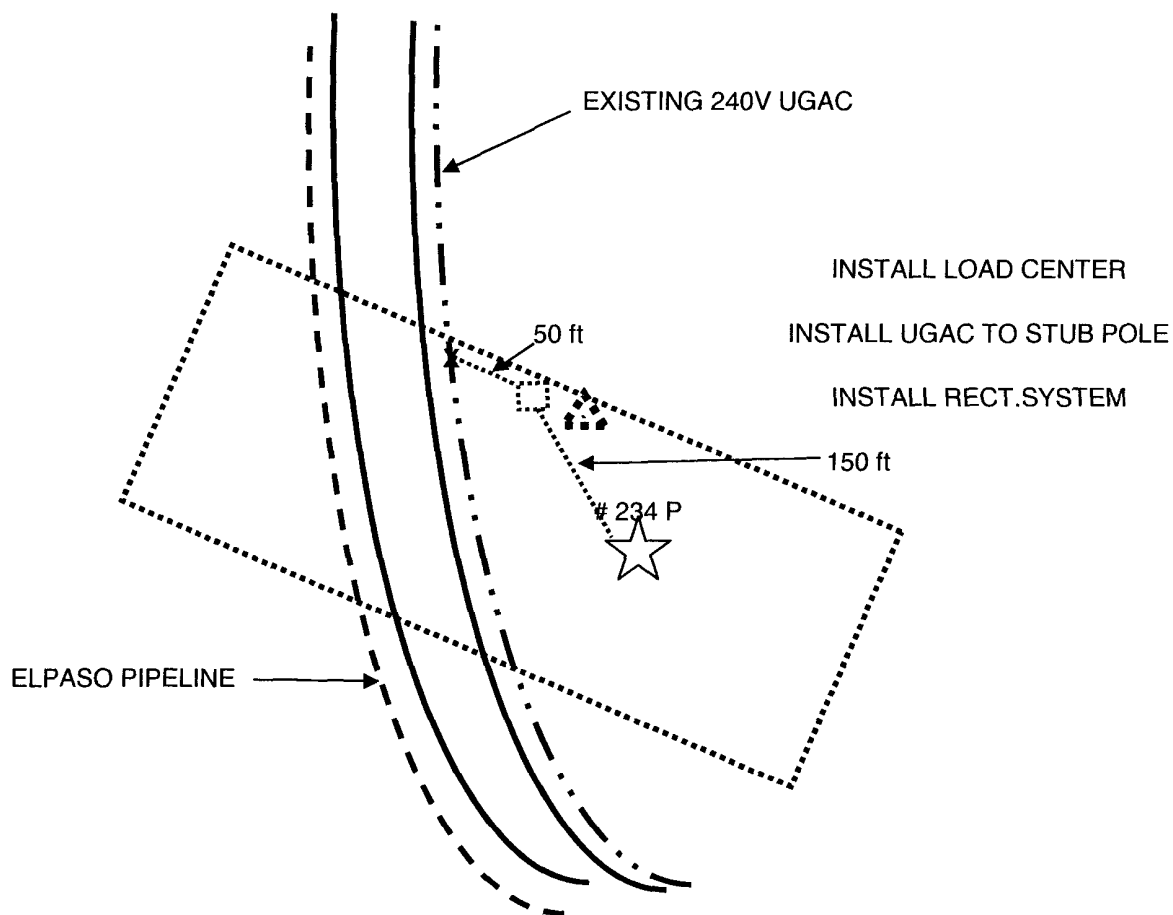
INSTALL LOAD CENTER
















WELL NAME	SAN JUAN 28 - 7 # 234 P
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SANDY SOIL

1 PHASE JEMEZ PRIMARY 800' ACROSS WASH



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 28-7 UNIT 234P

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8125		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 711		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		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: 007W		Datum Code: NAD 27	
Latitude: 36.662759	Longitude: -107.558060	X:	Y:
Footage X: 1980 FEL		Footage Y: 2080 FNL	
Elevation: 6164 (FT)		Township: 028N	
Tolerance:			

Location Type: Year Round	Start Date (Est.): 1/1/2009	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 6178	Units = FT
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Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5978	<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	2010	4168	<input type="checkbox"/>			
KIRTLAND	2138	4040	<input type="checkbox"/>			
FRUITLAND	2487	3691	<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	2885	3293	<input type="checkbox"/>			
LEWIS	3017	3161	<input type="checkbox"/>			
Intermediate Casing	3167	3011	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 713 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3469	2709	<input type="checkbox"/>			
CHACRA	3829	2349	<input type="checkbox"/>			
UPPER CLIFF HOUSE	4524	1654	<input type="checkbox"/>			Gas; Est. Top Perf - 4526 (1652)
MASSIVE CLIFF HOUSE	4567	1611	<input type="checkbox"/>	456		Gas
MENEFEE	4674	1504	<input type="checkbox"/>			
POINT LOOKOUT	5058	1120	<input type="checkbox"/>			
MANCOS	5537	641	<input type="checkbox"/>			
UPPER GALLUP	6288	-110	<input type="checkbox"/>			
GREENHORN	7023	-845	<input type="checkbox"/>			
GRANEROS	7082	-904	<input type="checkbox"/>			
TWO WELLS	7118	-940	<input type="checkbox"/>	2542		Gas
PAGUATE	7209	-1031	<input type="checkbox"/>			
UPPER CUBERO	7234	-1056	<input type="checkbox"/>			
LOWER CUBERO	7270	-1092	<input type="checkbox"/>			Est. Btm Perf - 7310 (-1132) based on offset wells
ENCINAL	7324	-1146	<input type="checkbox"/>			TD - Top of Encinal
Total Depth	7324	-1146	<input type="checkbox"/>			6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 566 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 28-7 UNIT 234P

DEVELOPMENT

Production	SJ 28-7 234-E	28N-7W15 SE NW NE
Production	SJ 28-7 234	28N-7W15 NE NW SE

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
Cased Hole GR / CBL							

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

Comments: Location/Tops/Logging - MV/DKNM028N007W15NE2 Avoid A & B. Prefer G, H. Topo could be an issue. Have directional drill option.

Zones - MV/DKNM028N007W15NE2

General/Work Description - 12/11/08 Drill closed loop (JGV)

CONOCOPHILLIPS COMPANY

**SAN JUAN 28-7 UNIT #234P
2080' FNL, 1980' FEL
SECTION 15, T-28-N, R-7-W, N.M.P.M.,
RIO ARRIBA COUNTY, NEW MEXICO
NAD 83 LAT.: 36.662766°N LONG.: 107.558667°W
ELEV.: 6164 NAVD88
NEW ACCESS 470.2'**

DRIVING DIRECTIONS TO COPC SAN JUAN 28-7 UNIT #234P IN SECTION 15, T-28-N, R-7-W IN RIO ARRIBA CO.

THIS WELL IS LOCATED IN DELGADITA CANYON.

FROM BLOOMFIELD, N.M.:

- AT INTERSECTION OF HWY. 550 AND HWY. 64, GO 10.5 MILES EAST ON HWY. 64 THROUGH BLANCO, N.M. AND CROSS THE BRIDGE OVER SAN JUAN RIVER. TURN RIGHT AT THE TOP OF THE HILL ON C.R. 4450 AND TRAVEL SOUTH INTO LARGO CANYON.
- GO 3.7 MILES SOUTH DOWN LARGO CANYON AND TURN LEFT AT "CUTTER DAM." CONTINUE SOUTH EASTERLY ALONG THE EAST SIDE OF LARGO WASH.
- GO 5.8 MILES SOUTH EAST FROM "CUTTER DAM" TO "9 MILE BRIDGE" AND TURN OFF TO THE RIGHT.
- GO 6.0 MILES ALONG THE NORTH SIDE OF CARRIZO WASH TO "PIG LAUNCHER" AT THE MOUTH OF DELGADITA CANYON. TURN LEFT (NORTH) INTO DELGADITA CANYON.
- GO 2.7 MILES NORTH EAST INTO DELGADITA CANYON, GOING THROUGH LOCKED GATE ENTERING SECTION 15, T-28-N, R-7-W. TURN RIGHT (SOUTH) AND GO ACROSS WASH.
- GO 0.15 MILES (800 FT.) AND TURN RIGHT, HEADING WEST, ALONG THE SOUTH SIDE OF THE WASH.
- GO 0.3 MILES ON ACCESS ROAD TOWARDS COPC WELL SJ 28-7 #234. BEGIN RE-ROUTE / ACCESS ONTO STAKED PAD ON THE LEFT (EAST) SIDE OF THE ROAD.