


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 28 2011

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Farmington Field Office
Bureau of Land Management

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 USA SF-078835 Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator ConocoPhillips Company		7. Unit Agreement Name NMNM-7843A-MV NMNM7843C-DK 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 RCVD APR 13 '11 OIL CONS. DIV. DIST. 3
4. Location of Well Surf: Unit H (SENE), 2394' FNL & 1099' FEL Surf: Latitude: 36.589124° N (NAD83) Longitude: 107.610400° W		9. Well Number 253N 10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 7, T27N, R7W API # 30-039-31032
14. Distance in Miles from Nearest Town 27.4 Miles from Bloomfield, NM		12. County Rio Arriba
		13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1099'		
16. Acres in Lease 640.2 Acres		17. Acres Assigned to Well 320 Acres E/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1609.3' from SJ 28-7 Unit #4 (PC)		
19. Proposed Depth 7833'	 H ₂ S POTENTIAL EXIST	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6872' GL		22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: Brandie Blakley	Brandie Blakley (Staff Regulatory Technician)	Date 2-28-11

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 3165.3 and appeal pursuant to 43 CFR 3165.4

APR 20 2011

NMOC

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

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.

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

FEB 28 2011

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-31032	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA / BLANCO MESAVERDE
⁴ Property Code 31739	⁵ Property Name SAN JUAN 28-7 UNIT	⁶ Well Number 253N
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6872

¹⁰ SURFACE LOCATION

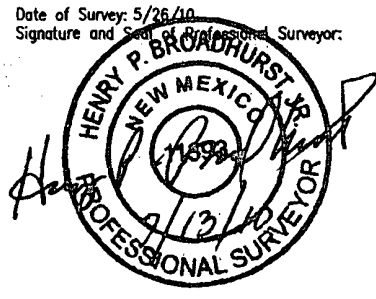
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	7	27-N	7-W		2394	NORTH	1099	EAST	RIO ARriba

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 320.0	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

¹⁶	BLM 1955	S 89°52'26" W S 89°59' W	2637.4' (M) 2638.7' (R)	BLM 1955	¹⁷ OPERATOR CERTIFICATION
LOT 1				2738.7' (R) 2734.0' (M)	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>Brandie Blakley</i> Signature
LOT 2	SECTION 7, T-27-N, R-7-W	E/2 DEDICATED ACREAGE USA SF-078835	2394'	N 2°35' E N 22°53' E	Brandie Blakley Printed Name Staff Regulatory Technician Title and E-mail Address
LOT 3		WELL FLAG NAD 83 LAT: 36.589124° N LONG: 107.610400° W NAD 27 LAT: 36°35.346992' N LONG: 107°36.587480' W	341'	1099'	7-15-10 Date
LOT 4		BASIS OF BEARING IS THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD83, AS DETERMINED BY GPS OBSERVATION AND NGS/OPUS SOLUTION.			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. Date of Survey: 5/26/10 Signature and Seal of Professional Surveyor:  Certificate Number: NM 11393

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-7 UNIT 253N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.0053				AFE \$: 0.00	
Field Name: SAN JUAN		Rig: Aztec Rig 673		State: NM	County: RIO ARRIBA		API #:
Geologist:	Phone:	Geophysicist:		Phone:			
Geoscientist:	Phone:	Prod. Engineer:		Phone:			
Res. Engineer:	Phone:	Proj. Field Lead:		Phone:			
Primary Objective (Zones):							
Zone	Zone Name						
FRR	BASIN DAKOTA (PRORATED GAS)						
RON	BLANCO MESAVERDE (PRORATED GAS)						
Location: Surface Datum Code: NAD 27 Straight Hole							
Latitude: 36.589116	Longitude: -107.609791	X:	Y:	Section: 07	Range: 007W		
Footage X: 1099 FEL	Footage Y: 2394 FNL	Elevation: 6872	(FT)	Township: 027N			
Tolerance:							
Location Type: Restricted		Start Date (Est.): 1/1/2011		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6887 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	320	6567		<input type="checkbox"/>			12-1/4 hole. 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 183 cuft. Circulate cement to surface.
NACIMIENTO	917	5970		<input type="checkbox"/>			
OJO ALAMO	2522	4365		<input type="checkbox"/>			
KIRTLAND	2605	4282		<input type="checkbox"/>			
FRUITLAND	2917	3970		<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	3393	3494		<input type="checkbox"/>			
LEWIS	3475	3412		<input type="checkbox"/>			
HUERFANITO BENTONITE	3842	3045		<input type="checkbox"/>			
CHACRA	4285	2602		<input type="checkbox"/>			
UPPER CLIFF HOUSE	4960	1927		<input type="checkbox"/>			Gas; Est. Top Perf - 4962 (1925)
MASSIVE CLIFF HOUSE	5009	1878		<input type="checkbox"/>	349		Gas; Cliffhouse is wet
MENEFEE	5041	1846		<input type="checkbox"/>			
Intermediate Casing	5191	1696		<input type="checkbox"/>		143	8 3/4" Hole. 7", 20/23 ppf, J-55, STC/LTC Casing. Cement with 1164 cuft. Circulate cement to surface.
POINT LOOKOUT	5586	1301		<input type="checkbox"/>			
MANCOS	5959	928		<input type="checkbox"/>			
UPPER GALLUP	6755	132		<input type="checkbox"/>			
GREENHORN	7506	-619		<input type="checkbox"/>			
GRANEROS	7565	-678		<input type="checkbox"/>			
TWO WELLS	7614	-727		<input type="checkbox"/>	2897		Gas
PAGUATE	7676	-789		<input type="checkbox"/>			
UPPER CUBERO	7731	-844		<input type="checkbox"/>			
LOWER CUBERO	7755	-868		<input type="checkbox"/>			Est. Btm Perf - 7813 (- 926) based on offset wells
ENCINAL	7833	-946		<input type="checkbox"/>			TD - T/ENCN
Total Depth	7833	-946		<input type="checkbox"/>		197	6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 364 cuft. Circulate cement a minimum of 100' inside the previous casing string.

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 28-7 UNIT 253N

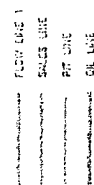
DEVELOPMENT

Reference Wells:		
Reference Type	Well Name	Comments
Production	SJ 28-7 228	27N 7W 8 NW NE SW
Production	SJ 28-7 244	27N 7W 7 NE SW SW
Production	SJ 28-7 253M	27N 7W 7 NW SE SE
Production	SJ 28-7 253	27N 7W 7 SW NE NE
Production	SJ 28-7 244N	27N 7W 7 NE SW

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	
Mudlog from 100' above top of GLLP to TD - mudlogger will call TD.	

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



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[illegible]

CONOCOPHILLIPS COMPANY

SAN JUAN 28-7 UNIT #253N

2394' FNL, 1099' FEL

SECTION 7, T-27-N, R-7-W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

NAD 83 LAT.: 36.589124° N LONG.: 107.610400° W

GROUND ELEV.: 6872 FIN. ELEV.: 6869 NAVD88

NEW ACCESS 172.3'

FROM BLOOMFIELD, N.M. AT THE INTERSECTION OF HWY. 64 & HWY. 550:

- GO 10.6 MI. EAST ON HWY. 64 THROUGH BLANCO, N.M. AND ACROSS THE SAN JUAN RIVER TO THE INTERSECTION OF HWY. 64 AND C.R. 4450 (LARGO CANYON). TURN RIGHT AND HEAD SOUTHEAST ON C.R. 4450 ALONG THE NORTH SIDE OF LARGO WASH.
- GO 3.6 MI. SOUTHEAST ON C.R. 4450 AND TURN LEFT TOWARDS CUTTER DAM.
- GO 5.5 MI. SOUTHEAST. TURN RIGHT TO ACCESS CARRIZO WASH CROSSING (OLD BRIDGE).
- FROM WASH CROSSING GO 0.1 MI. TURN LEFT AND HEAD SOUTHEAST ALONG THE SOUTH SIDE OF CARRIZO WASH.
- GO 4.0 MI. TURN RIGHT INTO STOVE CANYON AND HEAD SOUTH TO GOULD PASS.
- GO 3.2 MI. UP GOULD PASS TO TOP OF MESA.
- GO 0.3 MI. SOUTHEAST ON MAIN ROAD ALONG RIDGE. BEGIN 172.3' ACCESS ON RIGHT (SOUTH) SIDE OF ROAD.