

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 23 2010

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-079295 Unit Reporting Number NMNM-76330-MV NMNM-76338-DK	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator ConocoPhillips Company	7. Unit Agreement Name RCVD MAR 23 '10 OIL CONS. DIV. DIST. 3	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Reames Com 9. Well Number 2N	
4. Location of Well Surf: Unit H(ENE), 2175' FNL & 830' FEL Surf: Latitude: 36.472683° N (NAD83) Longitude: 107.503116° W	10. Field, Pool, Wildcat Blanco MV / Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) H Sec. 19, T26N, R6W API # 30-039-30935	
14. Distance in Miles from Nearest Town 45 miles / Bloomfield	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 830'	17. Acres Assigned to Well 320.00 E/2 - MV/DK 320.00	
16. Acres in Lease 641.610	20. Rotary or Cable Tools Rotary	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 93' from Reams LS 3 (P&A)	22. Approx. Date Work will Start	
19. Proposed Depth 7142'		
21. Elevations (DF, FT, GR, Etc.) 6438' GL		
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Tech)	LET'S APPROVAL AND ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS GENERAL AND INDIAN LANDS	

PERMIT NO.

APPROVED BY

TITLE

APPROVAL DATE

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 4

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

MAR 31 2010

NMOCD

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

A COMPLETE C-144 MUST BE SUBMITTED TO AND
APPROVED BY THE NMOCD FOR A PIT, CLOSED
LOOP SYSTEM, BELOW GRADE TANK, OR
PROPOSED ALTERNATIVE METHOD, PURSUANT TO
NMOCD PART 19.15.17, PRIOR TO THE USE OR
CONSTRUCTION OF THE ABOVE APPLICATIONS.

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

DISTRICT I
1825 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

Bureau of Land Management
Farmington Field Office

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

'API Number 30-039-36935	'Pool Code 71599/72319	'Pool Name BASIN DAKOTA/BLANCO MESAVERDE
'Property Code 31737	'Property Name REAMES COM	'Well Number 2N
'OGRID No. 217817	'Operator Name CONOCOPHILLIPS COMPANY	'Elevation 6438'

¹⁰ Surface Location

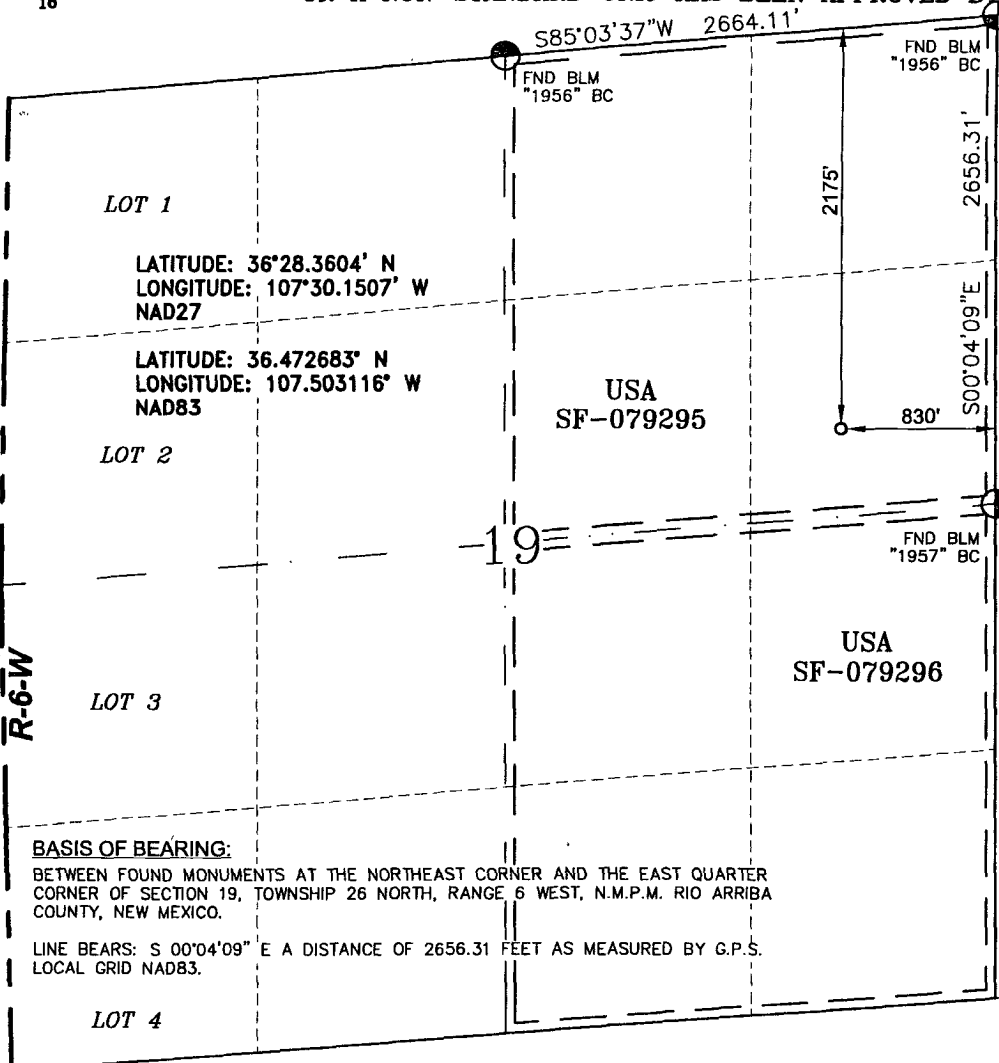
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	19	26-N	6-W		2175	NORTH	830	EAST	RIO ARRIBA

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 DK 320.00 ACRES E/2 <i>3142.1N</i> MV 320.00 ACRES E/2 <i>3142.1N</i>					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

16



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.

Ethel Tally
Signature
Ethel Tally
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.

August 26, 2009
Date of Survey

Signature and Seal of Professional Surveyor



GLEN W. RUSSELL
Certificate Number

15703

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

REAMES COM 2N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9129				AFE \$: 700,891.20	
Field Name: SAN JUAN		Rig: XXX 2011 Holding Rig #1		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: 36.472673		Longitude: -107.502511		X:	Y:	Section: 19	Range: 006W
Footage X: 830 FEL		Footage Y: 2175 FNL		Elevation: 6438 (FT)		Township: 026N	
Tolerance:							
Location Type: Restricted		Start Date (Est.): 1/1/2011		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6453 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	320	6133	<input type="checkbox"/>			320' 8 5/8" 24 ppf, J-55, STC casing. Cement with 226 cuft. Circulate cement to surface.	
NACIMIENTO	678	5775	<input type="checkbox"/>				
OJO ALAMO	1998	4455	<input type="checkbox"/>				
KIRTLAND	2156	4297	<input type="checkbox"/>				
FRUITLAND	2283	4170	<input type="checkbox"/>			Possible Gas	
PICTURED CLIFFS	2658	3795	<input type="checkbox"/>				
LEWIS	2770	3683	<input type="checkbox"/>				
HUERFANITO BENTONITE	3106	3347	<input type="checkbox"/>				
CHACRA	3548	2905	<input type="checkbox"/>				
MASSIVE CLIFF HOUSE	4336	2117	<input type="checkbox"/>				
MENEFEE	4358	2095	<input type="checkbox"/>				
POINT LOOKOUT	4913	1540	<input type="checkbox"/>	410		GAS	
MANCOS	5258	1195	<input type="checkbox"/>				
UPPER GALLUP	6013	440	<input type="checkbox"/>				
GREENHORN	6844	-391	<input type="checkbox"/>				
GRANEROS	6899	-446	<input type="checkbox"/>				
TWO WELLS	6953	-500	<input type="checkbox"/>	2800		Gas	
UPPER CUBERO	7036	-583	<input type="checkbox"/>				
LOWER CUBERO	7065	-612	<input type="checkbox"/>				
ENCINAL	7142	-689	<input type="checkbox"/>				
Total Depth	7142	-689	<input type="checkbox"/>			7 7/8" hole, 4-1/2" 11.6 ppf, N-80 LTC casing. Cement with 2191 cuft. Circulate cement to surface.	
BURRO CANYON	7206	-753	<input type="checkbox"/>				
Reference Wells:							
Reference Type	Well Name		Comments				

PROJECT PROPOSAL - New Drill / Sidetrack

REAMES COM 2N

DEVELOPMENT

Logging Program:

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

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

Est bottom perf is ~20' above the est TD. Est TD is at the T/Encn.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Directions from the Intersection of
Hwy 550 & Hwy 64 in Bloomfield, NM

To:

ConocoPhillips Company

REAMES COM #2N

2175' FNL & 830' FEL,

Section 19, T26N, R6W, N.M.P.M., Rio Arriba County,

New Mexico

Latitude: 36 ° 28' 21.659" N

Longitude: 107 ° 30' 11.216" W

NAD 1983

Take Hwy 550 (south) for 1.0 miles to
CR 4900 (South Sullivan rd.)
turn left (easterly) on CR 4900 15.0 miles to Five Mile Bridge
stay right @ intersection (southeasterly) for 3.2 miles,
across 10 mile bridge, continue (southeasterly) 18.2 miles,
to Old Largo Canyon School, stay left (easterly) across Ice
Canyon Bridge 3.8 miles,
turn right (southeasterly) 0.15 miles,
turn right (southerly) 1.2 miles,
turn right (southerly) 0.8 miles,
continue (west-southwesterly) across wash 1.1 miles,
stay right (southwesterly) 1.2 miles,
to newly staked location twinned on the P&A pad
AMCO Reams LS #3.