

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 23 2011

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Farmington Field Office
Bureau of Land Management

1a. Type of Work DRILL	5. Lease Number SF-079318 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator ConocoPhillips Company	7. Unit Agreement Name DK -NMNM73957 MV-NMNM76311
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 1N RCVD FEB 1 '12 OIL CONS. DIV.
4. Location of Well Surface: Unit H(ENE), 1930' FNL & 880' FEL Surface: Latitude: 36.459736° N (NAD83) Longitude: 107.413169° W	10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 25, T26N, R6W API # 30-039-31100
14. Distance in Miles from Nearest Town 48 miles to Bloomfield	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 880'	
16. Acres in Lease 480.000	17. Acres Assigned to Well 320.00 acres E/2 DK 320.00 acres E/2 MV
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1013' - Reames Com 1/DK	
19. Proposed Depth 7472	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6656' 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: Arleen Kellywood (Staff Regulatory Tech)	11/23/11 Date

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

FEB 09 2012

NMOC

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.

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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 Office

NOV 23 2011

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Farmington Field Office, AMENDED REPORT
Bureau of Land Management

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039- 31100	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 31737	⁵ Property Name REAMES COM	⁶ Well Number 1N
⁷ OGRID No. 217887	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6656'

¹⁰ Surface Location

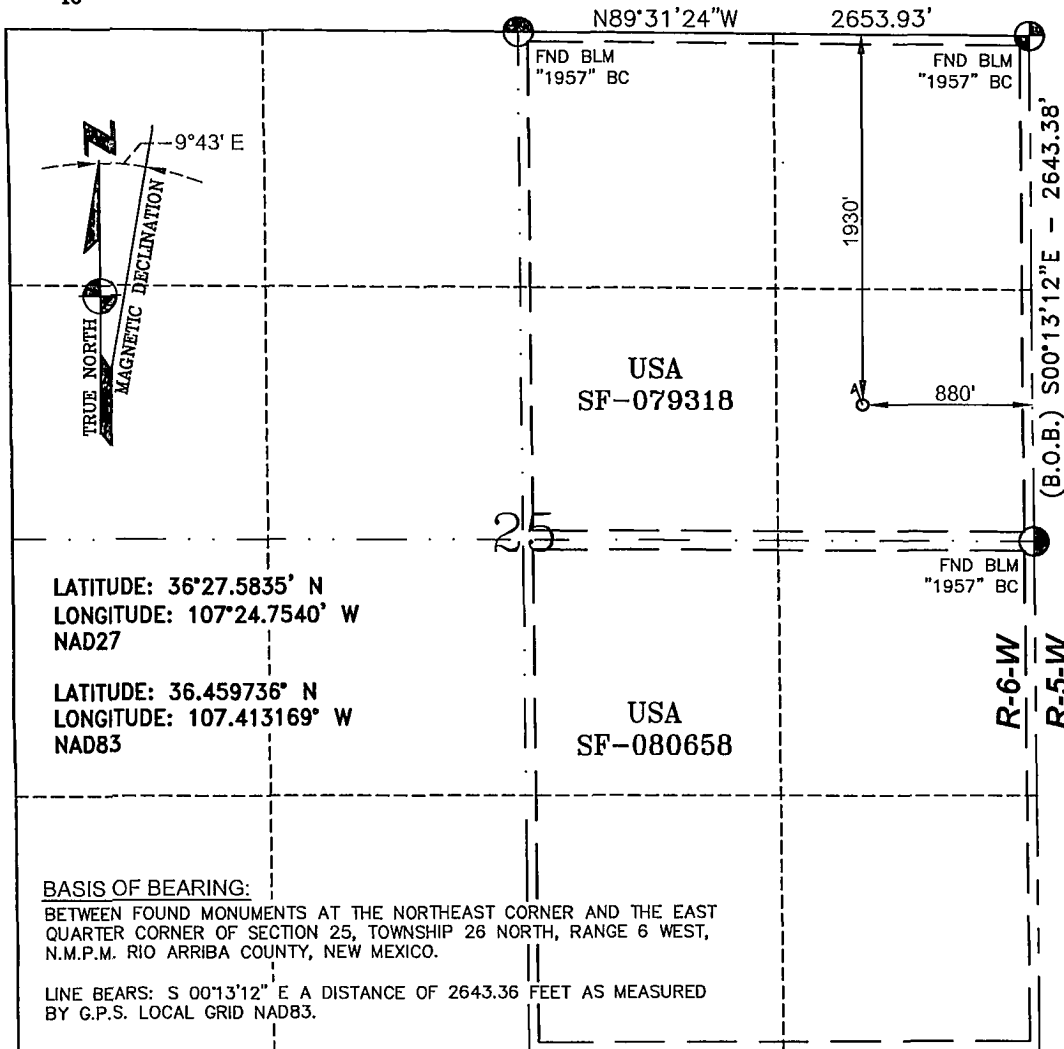
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	25	26-N	6-W		1930	NORTH	880	EAST	RIO ARRIBA

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
¹³ Dedicated Acres DK 320.00 ACRES E/2 MV 320.00 ACRES E/2			¹⁴ Joint or Infill		¹⁵ Consolidation Code		¹⁶ 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

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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 a voluntary pooling agreement, or a compulsory pooling order heretofore entered by the Division.

Aileen Kellywood 6/20/11
Signature Date

Arleen Kellywood

Printed Name _____

arleen.r.kellywood@conocophillips.com

E-mail Address

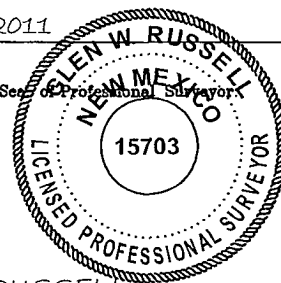
18 SURVEYOR CERTIFICATION

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.

JUNE 3, 2011

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 1N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.0156				AFE \$:	
Field Name: SAN JUAN		Rig: Aztec Rig 711		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: 36.459725		Longitude: -107.412566		X:	Y:	Section: 25	Range: 006W
Footage X: 880 FEL		Footage Y: 1930 FNL		Elevation: 6656 (FT)	Township: 026N		
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2013		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6671 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6471		<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
NACIMIENTO	1028	5643		<input type="checkbox"/>			
OJO ALAMO	2402	4269		<input type="checkbox"/>			
KIRTLAND	2575	4096		<input type="checkbox"/>			
FRUITLAND	2635	4036		<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	3006	3665		<input type="checkbox"/>			
LEWIS	3062	3609		<input type="checkbox"/>			
HUERFANITO BENTONITE	3433	3238		<input type="checkbox"/>			
CHACRA	3882	2789		<input type="checkbox"/>			
UPPER CLIFF HOUSE	4516	2155		<input type="checkbox"/>			Gas; Cliffhouse is wet
MASSIVE CLIFF HOUSE	4680	1991		<input type="checkbox"/>	685		Gas
MENEFEE	4730	1941		<input type="checkbox"/>			Est. Top Perf - 4930 (1741)
Intermediate Casing	4880	1791		<input type="checkbox"/>		132	8 3/4" Hole. 7", 20/23 ppf, J-55, STC/LTC Casing. Cement with 1100 cuft. Circulate cement to surface.
POINT LOOKOUT	5213	1458		<input type="checkbox"/>			
MANCOS	5569	1102		<input type="checkbox"/>			
UPPER GALLUP	6297	374		<input type="checkbox"/>			
GREENHORN	7145	-474		<input type="checkbox"/>			
GRANEROS	7202	-531		<input type="checkbox"/>			
TWO WELLS	7230	-559		<input type="checkbox"/>	2149		Gas
PAGUATE	7329	-658		<input type="checkbox"/>			
UPPER CUBERO	7358	-687		<input type="checkbox"/>			
LOWER CUBERO	7392	-721		<input type="checkbox"/>			Est. Btm Perf - 7457 (- 786) based on offset wells
ENCINAL	7472	-801		<input type="checkbox"/>			
Total Depth	7472	-801		<input type="checkbox"/>		184	6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 357 cuft. Circulate cement a minimum of 100' inside the previous casing string.

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

REAMES COM 1N

DEVELOPMENT

Reference Wells:		
Reference Type	Well Name	Comments
Production	JICARILLA CONTRACT 13M	26N 5W 30 SE NW SW
Production	REAMES COM 1E	26N 6W 25 SW NE SE
Production	REAMES COM 1	26N 6W 25 NW NE

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

Directions from the Intersection of
Hwy 550 & Hwy 64 in Bloomfield, NM

To:

ConocoPhillips Company LP

REAMES COM #1N

1930' FNL & 880' FEL,

Section 25, T26N, R6W, N.M.P.M., Rio Arriba County,

New Mexico

Latitude: 36 ° 27' 35.049" N

Longitude: 107 ° 24' 47.408" 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 3.3 miles,
Stay right (northeasterly) 1.3 miles,
Turn right (southeast) 0.7 miles,
Continue straight (south-southeast) 0.5 miles,
Turn left (easterly) 0.3 miles,
Turn left (northeast) 0.7 miles,
Turn right (east-southeast) 2.2 miles past Albert Lake,
Stay left (southeast) 0.3 miles,
Stay left (northeast) 0.5 miles,
Turn right (southeast) 1.3 miles,
Stay right (southwest) for 2.2 miles,
Turn left (southeast) 0.2 miles to beginning of new access
On east side of existing location Reams Com #1, continue
Southeast 1016.01' to newly staked location.