

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED JAN 20 2010 Bureau of Land Management Farmington Field Office	5. Lease Number Jicarilla Contract 106 Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe Jicarilla Apache
2. Operator ConocoPhillips Company		7. Unit Agreement Name RCVD MAR 9 '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 Jicarilla B 9. Well Number 8N
4. Location of Well Surf: Unit C (NENW), 1105' FNL & 1800' FWL Surf: Latitude: 36.461674° N (NAD83) Longitude: 107.206390° W		10. Field, Pool, Wildcat Blanco MV / Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) C Sec. 25, T26N, R4W API# 30-039-30907
14. Distance in Miles from Nearest Town 94 miles / Bloomfield	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1105'		
16. Acres in Lease	17. Acres Assigned to Well 320.00 W/2 - MV/DK	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 733' from Jicarilla B 8A		
19. Proposed Depth 8146'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 7127' GL	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	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	Date <u>1/20/2010</u>	

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.

APPROVED BY

APPROVAL DATE

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 4

Bond Numbers ES-0048 and ES-0085

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

NMOC

MAR 11 2010

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

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
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

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- 30907		*Pool Code 71599 / 72319	*Pool Name BASIN DAKOTA/BLANCO MESAVERDE
*Property Code 31761	*Property Name JICARILLA B		*Well Number 8N
*OGRID No. 217817	*Operator Name CONOCOPHILLIPS COMPANY		*Elevation 7127'

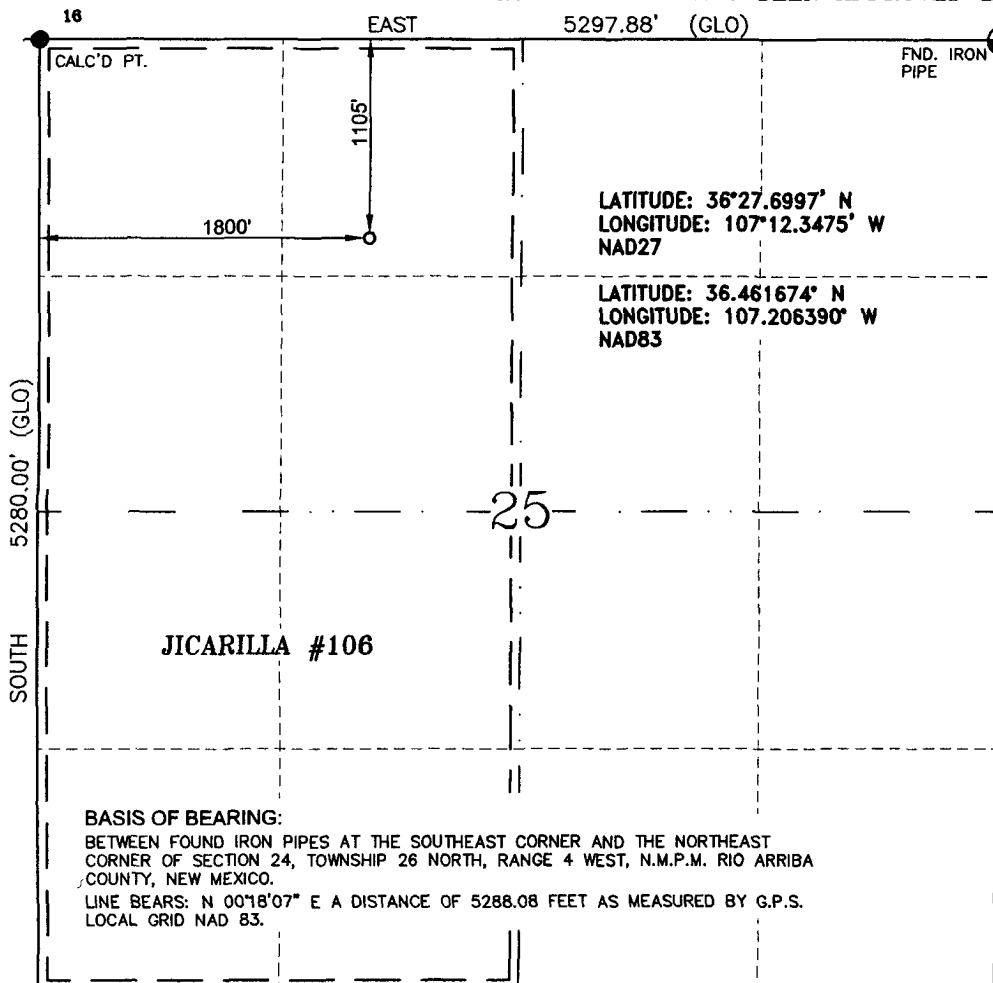
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	25	26-N	4-W		1105	NORTH	1800	WEST	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
C									
*Dedicated Acres DK 320.00 ACRES W/2 MV 320.00 ACRES W/2		*Joint or Infill		*Consolidation Code		*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



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.

Crystal Tafoya 12/7/09
Signature
Crystal Tafoya 12/7/09
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.

November 5, 2009
Date of Survey



GLEN W. RUSSELL
Certificate Number 15703

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

JICARILLA B 8N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9034				AFE \$: 0.00	
Field Name: SAN JUAN		Rig: H&P Rig 283		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: 36.461156		Longitude: -107.206041		X:	Y:	Section: 25	Range: 004W
Footage X: 1800 FWL		Footage Y: 1105 FNL		Elevation: 7127 (FT)	Township: 026N		
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2011		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 7142 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	320	6822	<input type="checkbox"/>			320' 8 5/8" 24 ppf, J-55, STC casing. Cement with 226 cuft. Circulate cement to surface.	
OJO ALAMO	3226	3916	<input type="checkbox"/>				
KIRTLAND	3354	3788	<input type="checkbox"/>				
FRUITLAND	3452	3690	<input type="checkbox"/>			Possible Gas	
PICTURED CLIFFS	3772	3370	<input type="checkbox"/>				
LEWIS	3856	3286	<input type="checkbox"/>				
HUERFANITO BENTONITE	4196	2946	<input type="checkbox"/>				
CHACRA	4684	2458	<input type="checkbox"/>				
UPPER CLIFF HOUSE	5316	1826	<input type="checkbox"/>			Est. Top Perf - 5317 (1824)	
MASSIVE CLIFF HOUSE	5402	1740	<input type="checkbox"/>				
MENEFEE	5514	1628	<input type="checkbox"/>				
POINT LOOKOUT	5895	1247	<input type="checkbox"/>	779		GAS	
MANCOS	6372	770	<input type="checkbox"/>				
UPPER GALLUP	7015	127	<input type="checkbox"/>				
GREENHORN	7872	-730	<input type="checkbox"/>				
GRANEROS	7934	-792	<input type="checkbox"/>				
TWO WELLS	7966	-824	<input type="checkbox"/>	3062		Gas	
PAGUATE	8054	-912	<input type="checkbox"/>				
UPPER CUBERO	8092	-950	<input type="checkbox"/>				
LOWER CUBERO	8132	-990	<input type="checkbox"/>			Est. Btm Perf - 8125 (-984) based on offset wells	
OAK CANYON	8136	-994	<input type="checkbox"/>			TD - 10' below T/OKCN	
Total Depth	8146	-1004	<input type="checkbox"/>			7 7/8" hole, 4-1/2" 11.6 ppf, N-80 LTC casing. Cement with 2398 cuft. Circulate cement to surface.	
ENCINAL	8184	-1042	<input type="checkbox"/>			Proposed location borderline Air/Mud Drill	
BURRO CANYON	8214	-1072	<input type="checkbox"/>				
MORRISON	8288	-1146	<input type="checkbox"/>				
Reference Wells:							

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

JICARILLA B 8N

DEVELOPMENT

Reference Wells:		
Reference Type	Well Name	Comments
Production	Jicarilla A 22 Y	26N 4W 24 SW NE SW
Production	Jicarilla B 1B	26N 4W 26 S2 SE NE
Production	Jicarilla B 11	26N 4W 25 SE NW NW
Production	Jicarilla B 1	26N 4W 26 SE 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 GRHN 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

JICARILLA B #8N

1105' FNL & 1800' FWL,

Section 25, T26N, R4W, N.M.P.M., Rio Arriba County,

New Mexico

Latitude: 36 ° 27' 42.026" N

Longitude: 107 ° 12' 23.004" W

NAD 1983

Go south on Hwy 550 for 66.2 miles,
Turn left (north) @ Int. Hwy 550 and Hwy 537,
Go north on Hwy 537 25.7 miles,
Turn left (westerly) 0.9 miles,
Turn right (northwest) 0.7 miles,
Turn left (southerly) 0.5 miles to beginning of
new access on left side of road,
Turn left (southeast) 816.46' to newly staked location.