

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number Contract #104 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe Jicarilla Nation
2. Operator ConocoPhillips Company	7. Unit Agreement Name RCVD MAR 8 '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 E 9. Well Number 10N
4. Location of Well Surf: Unit H(SENE), 2145' FNL & 890' FEL Surf: Latitude: 36.473341° N (NAD83) Longitude: 107.233436° W	10. Field, Pool, Wildcat Blanco MV / Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) # Sec. 22, T26N, R4W API # 30-039-30886
14. Distance in Miles from Nearest Town 100 miles / Bloomfield	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 890'	17. Acres Assigned to Well 320.00 (E/2) - MV/DK
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1462' from Jicarilla E 10E	
19. Proposed Depth 7886'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6828' GL	22. Approx. Date Work will Start 12/15/2009
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Crystal Tafuya</u> Crystal Tafuya (Regulatory Technician)	Date

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.

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 any statement 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 4/3

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

MAR 10 2010

NMOCD

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

NOTIFY AZTEC 24 HRS PRIOR TO CASH PAYMENT

DISTRICT I
1626 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

¹ API Number 30-039-3086	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 31764	⁵ Property Name JICARILLA E	⁶ Well Number 10N
⁷ GRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6828'

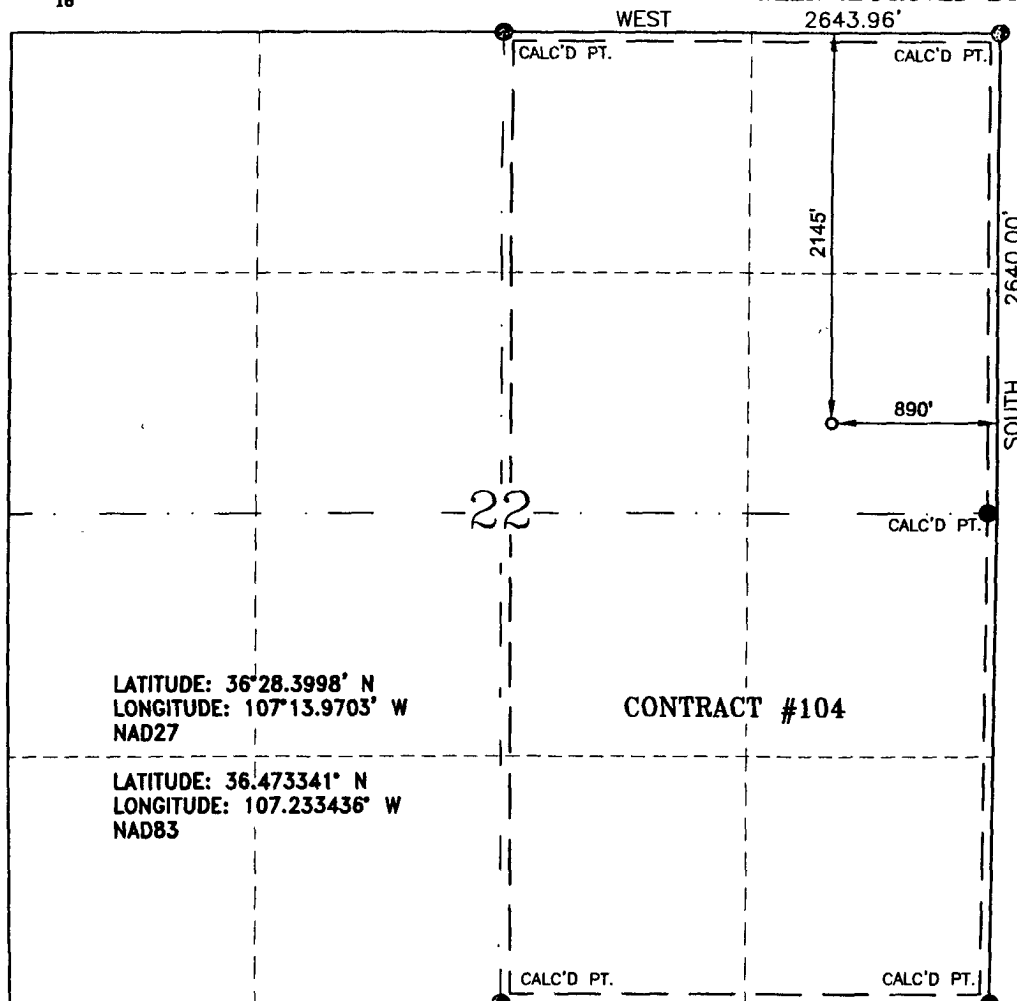
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	22	26-N	4-W		2145	NORTH	890	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
H									
¹² Dedicated Acres DK 320.00 ACRES E/2 MV 320.00 ACRES E/2			¹³ Joint or Infill		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



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.

Tracey N. Monroe 7/28/05
Signature
Tracey N. Monroe
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.

JULY 31, 2009
Date of Survey

Signature and Seal



GLEN W. RUSSELL
Certificate Number

15703

PL

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

JICARILLA E 10N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9037				AFE \$: 1,492,858.78	
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						
RON	BLANCO MESAVERDE (PRORATED GAS)						
FRR	BASIN DAKOTA (PRORATED GAS)						
Location: Surface Datum Code: NAD 27							
Latitude: 36.473330		Longitude: -107.232838		X:	Y:	Section: 22	Range: 004W
Footage X: 890 FEL		Footage Y: 2145 FNL		Elevation: 6828 (FT)		Township: 026N	
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2010		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6842 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	320	6522	☐			12 1/4" hole, 9 5/8" 32 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.	
OJO ALAMO	2929	3913	☐				
KIRTLAND	3062	3780	☐				
FRUITLAND	3155	3687	☐			Possible Gas	
PICTURED CLIFFS	3465	3377	☐				
LEWIS	3560	3282	☐				
HUERFANITO BENTONITE	3927	2915	☐				
CHACRA	4404	2438	☐				
UPPER CLIFF HOUSE	5027	1815	☐			Cliffhouse Is Wet	
MASSIVE CLIFF HOUSE	5119	1723	☐	684			
MENEFEE	5244	1598	☐			Est. Top Perf - 5433 (1409) etc	
Intermediate Casing	5394	1448	☐			8 3/4" hole, 7" 20 ppf J-55 STC casing. Cement with 1215 Circulated cement to surface.	
POINT LOOKOUT	5623	1219	☐			GAS	
MANCOS	6082	760	☐				
UPPER GALLUP	6733	109	☐				
GREENHORN	7562	-720	☐				
GRANEROS	7625	-783	☐				
TWO WELLS	7665	-823	☐	2858		Gas	
PAGUATE	7744	-902	☐				
UPPER CUBERO	7786	-944	☐				
LOWER CUBERO	7809	-967	☐			Est. Btm Perf - 7866 (-1024) based on offset wells	
OAK CANYON	7829	-987	☐				
ENCINAL	7886	-1044	☐			TD - T/ENCN	
Total Depth	7886	-1044	☐			6 1/4" hole, 4-1/2" 10.5 ppf/11.6 ppf, J-55 STC casing. Cement with 344cuft. Circulate cement 100ft inside the previous casing string.	
BURRO CANYON	7928	-1086	☐				

PROJECT PROPOSAL - New Drill / Sidetrack

JICARILLA E 10N

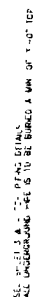
DEVELOPMENT

MORRISON	8002	-1160	☐
Reference Wells:			
Reference Type	Well Name	Comments	
Production	Jicarilla A 20	26N 4W 23 NE SW NW	
Production	Jicarilla E 11	26N 4W 22 SE NE NW	
Production	Jicarilla E 10E	26N 4W 22 SE NW NE	
Production	Jicarilla E 10	26N 4W 22 SW NE SE	

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

TD Logs:	☐	Triple Combo	☐	Dipmeter	☐	RFT	☐	Sonic	☐	VSP	☐	TDT	☒	Other
Cased Hole GR / CBL														

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

[illegible]

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

To:

CONOCOPHILLIPS COMPANY

JICARILLA E 10N

2145' FNL & 890' FEL,

Section 22, T26N, R4W, N.M.P.M., Rio Arriba,

New Mexico

Latitude: 36° 28' 24.027" N

Longitude: 107° 14' 00.370" W

NAD 83

Go south on Hwy 550 for 66.2 miles,
Turn left (north) @ Int. Hwy 550 and Hwy 537,
Go north on Hwy 537 28.1 miles,
Turn left (west) on J-6 road 2.6 miles,
Stay left (southwest) 0.6 miles,
Turn left (south) 1.7 miles,
Turn right (west) 0.1 miles,
Stay right (northwest) 0.3 miles to
newly staked location on left side of road (west)