

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 #104 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 E 9. Well Number 10P	
4. Location of Well Surf: Unit O(SWSE), 1220' FSL & 1650' FEL Surf: Latitude: 36.468053° N (NAD83) Longitude: 107.236122° W	10. Field, Pool, Wildcat Blanco MV / Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) 0 Sec. 22, T26N, R4W API # 30-039- 30904	
14. Distance in Miles from Nearest Town 99 miles / Bloomfield	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1220'	17. Acres Assigned to Well 320.00 E/2 - MV/DK	
16. Acres in Lease		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease Jicarilla E 10P		
19. Proposed Depth 7945'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6890' 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	1/20/2010 Date	
24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)		

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 [Signature]

TITLE AFM

DATE 3/4/2010

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

NMOCD 16

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
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

*API Number 30-039 - 30904		*Pool Code 71599/72319	*Pool Name BASIN DAKOTA/BLANCO MESAVERDE
*Property Code 31764	*Property Name JICARILLA E		*Well Number 10P
*OGRID No. 217817	*Operator Name CONOCOPHILLIPS COMPANY		*Elevation 6890'

¹⁰ Surface Location

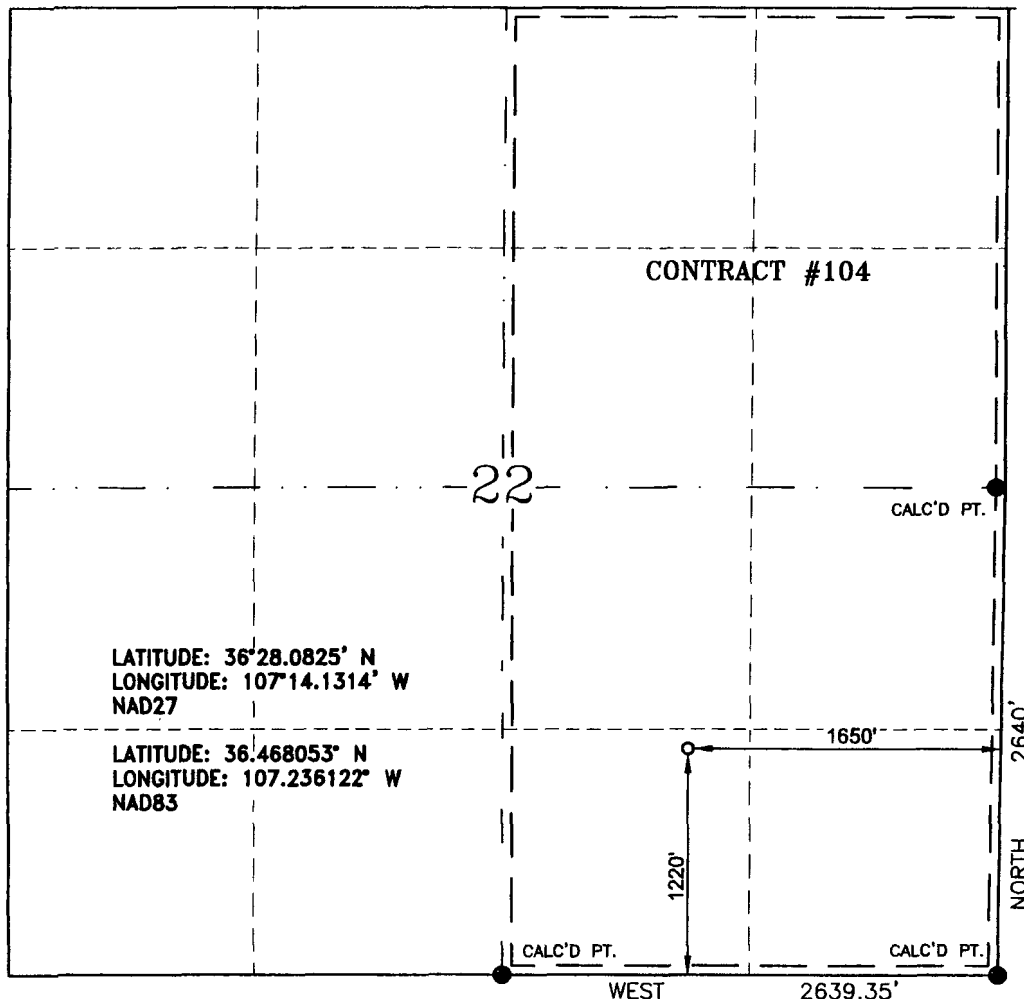
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	22	26-N	4-W		1220	SOUTH	1650	EAST	RIO ARRIBA

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
0									
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

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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 to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

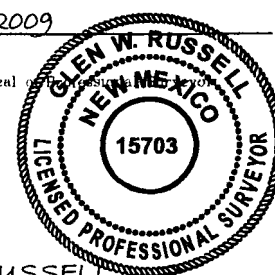
Tracey N. Monroe
Signature
Tracey N. Monroe
Printed Name

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 22, 2009
Date of Survey

Signature and Seal of GLEN W. RUSSELL
GLEN W. RUSSELL
Certificate Number 15703



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

JICARILLA E 10P

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9038		AFE \$: 1,452,193.72	
Field Name: SAN JUAN		Rig: XXX Must be 2012		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	

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: 36.468042	Longitude: -107.235524	X:	Y:	Section: 22	Range: 004W
Footage X: 1650 FEL	Footage Y: 1220 FSL	Elevation: 6890	(FT)	Township: 026N	
Tolerance:					

Location Type: Year Round	Start Date (Est.): 1/1/2012	Completion Date:	Date In Operation:
Formation Data: Assume KB = 6905 Units = FT			

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	320	6585	☐			320' 8 5/8" 24 ppf, J-55, STC casing. Cement with 226 cuft. Circulate cement to surface.
OJO ALAMO	2969	3936	☐			
KIRTLAND	3107	3798	☐			
FRUITLAND	3209	3696	☐			Possible Gas
PICTURED CLIFFS	3519	3386	☐			
LEWIS	3611	3294	☐			
HUERFANITO BENTONITE	3969	2936	☐			
CHACRA	4445	2460	☐			
UPPER CLIFF HOUSE	5073	1832	☐			Cliffhouse Is Wet
MASSIVE CLIFF HOUSE	5165	1740	☐	692		
MENEFEE	5291	1614	☐			Est. Top Perf - 5477 (1427)
POINT LOOKOUT	5665	1240	☐			GAS
MANCOS	6131	774	☐			
UPPER GALLUP	6781	124	☐			
GREENHORN	7621	-716	☐			
GRANEROS	7683	-778	☐			
TWO WELLS	7727	-822	☐	2880		Gas
PAGUATE	7806	-901	☐			
UPPER CUBERO	7840	-935	☐			
LOWER CUBERO	7866	-961	☐			Est. Btm Perf - 7924 (-1020) based on offset wells
OAK CANYON	7887	-982	☐			
ENCINAL	7945	-1040	☐			TD - T/ENCN
Total Depth	7945	-1040	☐			7 7/8" hole, 4-1/2" 11.6 ppf, N-80 LTC casing. Cement with 2339 cuft. Circulate cement to surface.
BURRO CANYON	7991	-1086	☐			
MORRISON	8053	-1148	☐			

Reference Wells:

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

JICARILLA E 10P

DEVELOPMENT

Reference Type	Well Name	Comments
Production	Jicarilla E 10	26N 4W 22 SW NE SE
Production	Jicarilla F 3	26N 4W 27 SW NE NE
Production	Jicarilla E 12	26N 4W 22 SW NE SW
Production	Jicarilla E 10E	26N 4W 22 SE NW NE

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

To:

CONOCOPHILLIPS COMPANY

JICARILLA E 10P

1220' FSL & 1650' FEL,

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

New Mexico

Latitude: 36 ° 28' 04.990" N

Longitude: 107 ° 14' 10.041" 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 28.1 miles,
Turn left (west) on J-6 road 2.6 miles,
Stay left (southwest) 0.6 miles,
Turn left (south) 0.9 miles,
Turn right (west) 0.3 miles,
Turn left (southeast) 0.6 miles to
beginning of new access on left side of road,
Turn left (south) 1567.51' to newly staked location.