

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 105 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 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 A 9. Well Number 11M
4. Location of Well Surf: Unit P(SESE), 1270' FSL & 875' FEL Surf: Latitude: 36.482616° N (NAD83) Longitude: 107.215483° W		10. Field, Pool, Wildcat Blanco MV / Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 14, T26N, R4W API # 30-039- 30908
14. Distance in Miles from Nearest Town 95 miles / Bloomfield	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 875'		
16. Acres in Lease 2560	17. Acres Assigned to Well 320.00 E/2 - MV/DK	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 51' from Jicarilla A 18		
19. Proposed Depth 8255'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 7152' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	1/20/2010 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 [Signature] TITLE AFM DATE 3/3/2010

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

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

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

MAR 10 2010

NMOCD

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

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
1301 West Grand Avenue, Artesia, N.M. 88210

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

³⁹ API Number 30-045-30908	⁸ Pool Code 71599 / 72319	⁹ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 31760	⁵ Property Name JICARILLA A	⁶ Well Number 11M
⁷ GRID No. 217817	¹ Operator Name CONOCOPHILLIPS COMPANY	³ Elevation 7152'

¹⁰ Surface Location

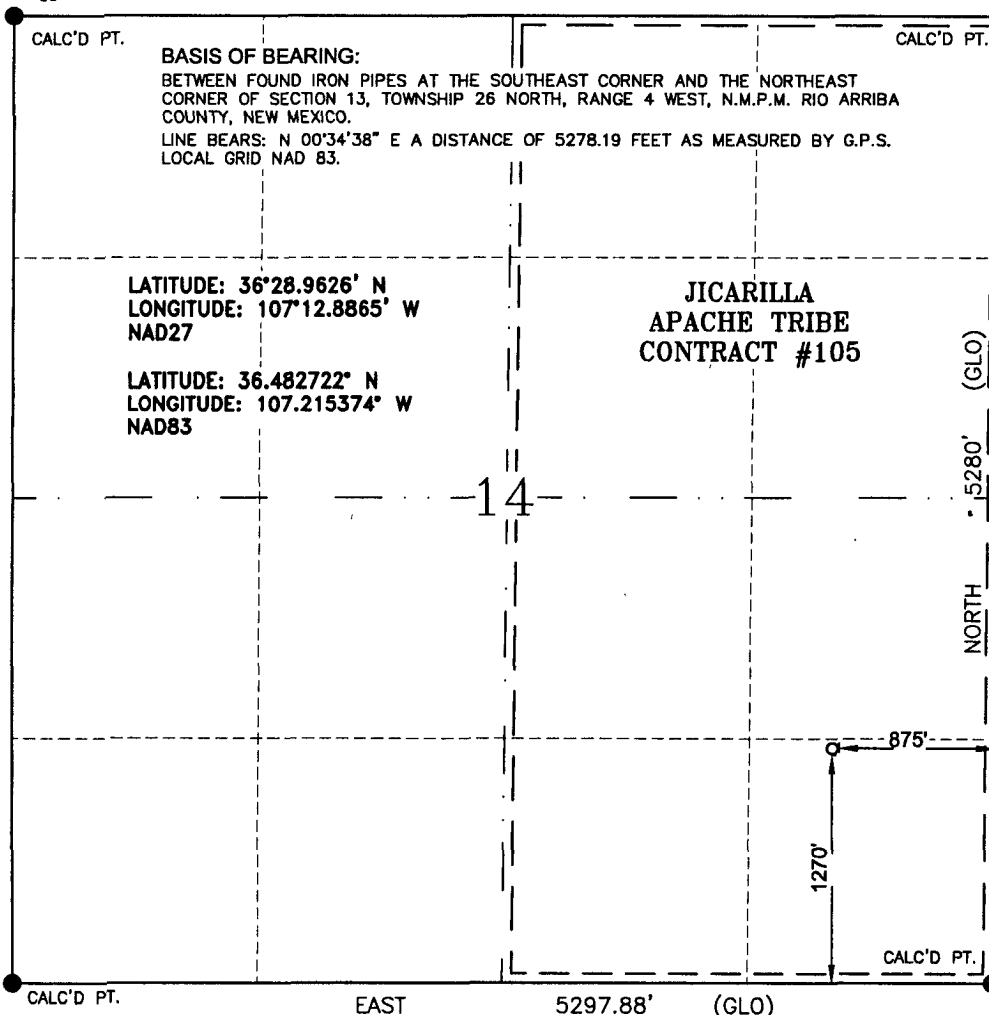
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	14	26-N	4-W		1270	SOUTH	875	EAST	RIO ARRIBA

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
P									
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.

Crystal Tafuya 1/20/10
Signature
Crystal Tafuya 1/20/2010
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.

OCTOBER 14, 2009

Date of Survey

Signature and Seal of Surveyor



GLEN W. RUSSELL
Certificate Number

15703

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

JICARILLA A 11M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9061				AFE \$: 693,318.20	
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: 36.482711	Longitude: -107.214776	X:	Y:	Section: 14		Range: 004W	
Footage X: 875 FEL	Footage Y: 1270 FSL	Elevation: 7152	(FT)	Township: 026N			
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2011		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 7166 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	320	6846	<input type="checkbox"/>			320' 8 5/8" 24 ppf, J-55, STC casing. Cement with 226 cuft. Circulate cement to surface.	
NACIMIENTO	2229	4937	<input type="checkbox"/>				
OJO ALAMO	3315	3851	<input type="checkbox"/>				
KIRTLAND	3430	3736	<input type="checkbox"/>				
FRUITLAND	3530	3636	<input type="checkbox"/>			Possible Gas	
PICTURED CLIFFS	3825	3341	<input type="checkbox"/>				
LEWIS	3940	3226	<input type="checkbox"/>				
HUERFANITO BENTONITE	4290	2876	<input type="checkbox"/>				
CHACRA	4762	2404	<input type="checkbox"/>				
UPPER CLIFF HOUSE	5476	1690	<input type="checkbox"/>			Est. Top Perf - 5478 (1688)	
MASSIVE CLIFF HOUSE	5492	1674	<input type="checkbox"/>				
MENELEE	5602	1564	<input type="checkbox"/>				
POINT LOOKOUT	5977	1189	<input type="checkbox"/>	690		GAS	
MANCOS	6452	714	<input type="checkbox"/>				
UPPER GALLUP	7084	82	<input type="checkbox"/>				
GREENHORN	7924	-758	<input type="checkbox"/>				
GRANEROS	7983	-817	<input type="checkbox"/>				
TWO WELLS	8005	-839	<input type="checkbox"/>	2850		Gas	
PAGUATE	8115	-949	<input type="checkbox"/>				
UPPER CUBERO	8148	-982	<input type="checkbox"/>				
LOWER CUBERO	8186	-1020	<input type="checkbox"/>			Est. Btm Perf - 8202 (-1036) based on offset wells	
OAK CANYON	8214	-1048	<input type="checkbox"/>				
ENCINAL	8255	-1089	<input type="checkbox"/>			TD - T/ENCN	
Total Depth	8255	-1089	<input type="checkbox"/>			7 7/8" hole, 4-1/2" 11.6 ppf, N-80 LTC casing. Cement with 2431 cuft. Circulate cement to surface.	
BURRO CANYON	8282	-1116	<input type="checkbox"/>				
MORRISON	8349	-1183	<input type="checkbox"/>				

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

JICARILLA A 11M

DEVELOPMENT

Reference Wells:		
Reference Type	Well Name	Comments
Production	Jicarilla A 11	26N 4W 14 SE NW SE
Production	Jicarilla A 9M	26N 4W 14 NE SW
Production	Jicarilla A 13E	26N 4W 13 NW SE SW
Production	Jicarilla A 12	26N 4W 24 SE NW NW

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							

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 A 11M

1270' FSL & 875' FEL,

Section 14, T26N, R4W, N.M.P.M., Rio Arriba County,

New Mexico

Latitude: 36 ° 28' 57.798" N

Longitude: 107 ° 12' 55.345" 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) 0.9 miles,
Continue (north) 0.4 miles,
Turn left (west) 200',
Turn right (northwest) 0.5 miles,
Turn right (east) 200' to newly staked location twinned with
existing location (JICARILLA A 18)