

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 17 2010

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	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	5. Lease Number NM-012708 Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator  ConocoPhillips Company		7. Unit Agreement Name FC Needs CA RCVD AUG 2 '10 OIL CONS. DIV.
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499  (505) 326-9700		8. Farm or Lease Name Florance DIST. 3 9. Well Number 142
4. Location of Well Surf: Unit H (SENE), 1402' FNL & 685' FEL  Surf: Latitude: 36.78520° N (NAD83) LOT 7 Longitude: 107.70840° W		10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 30, T30N, R8W API # 30-045- 35175
14. Distance in Miles from Nearest Town 9 miles from Blanco, NM	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 685'		
16. Acres in Lease 904.31	17. Acres Assigned to Well 290.69	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 167' from DH-Florance #11 (MV)		
19. Proposed Depth 2714'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 5812' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Dollie L. Busse</u> Dollie L. Busse (Staff Regulatory Tech)		Date <u>May 24, 2010</u>

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 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 2

Bond Numbers ES-0048 and ES-0085

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

AUG 06 2010

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

NOTIFY AZTEC OCD 24 HRS.  
PRIOR TO CASING & CEMENT

DISTRICT I  
1826 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 W. Grand Avenue, Artesia, N.M. 88210

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

JUN 17 2010  
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

*API Number 30-045-35175	*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 31729	*Property Name FLORANCE	*Well Number 142
*OGED No. 217817	*Operator Name CONOCOPHILLIPS COMPANY	*Elevation 5812'

10 Surface Location

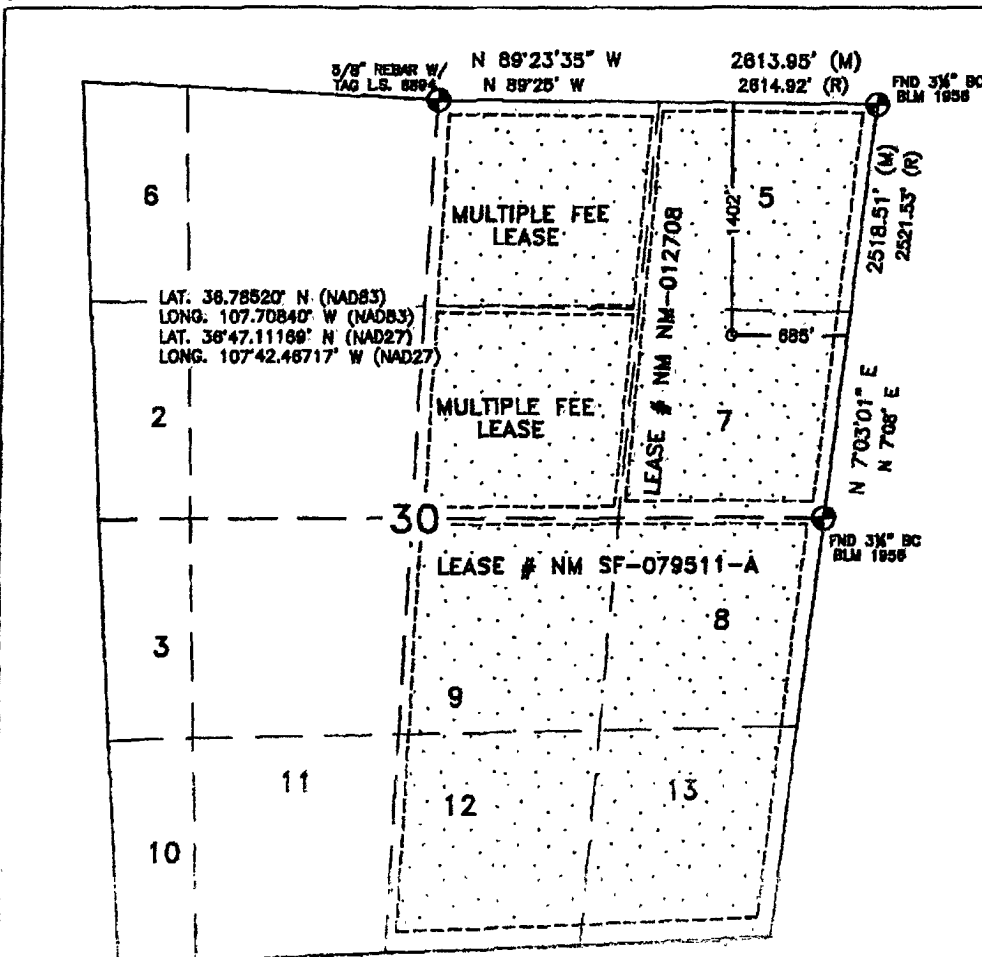
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	30	30N	8W	7	1402'	NORTH	885'	EAST	SAN JUAN

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									
Dedicated Acres 290.69 - ACRES (E/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

16



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 or a compulsory pooling order heretofore entered by the division.

*Crystal Tafoya* 4/16/09  
Signature Date

Crystal Tafoya 4-16-09  
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.

FEBRUARY 26, 2009

Date of Survey

Signature and Seal of Professional Surveyor:

*David Russell*  
Seal of Professional Surveyor

DAVID RUSSELL

Certificate Number

10201

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

FLORANCE 142

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9002		AFE \$: 561,510.00	
Field Name: SAN JUAN		Rig: Aztec Rig 730		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	
				Phone:	

## Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)

Location: Surface	Datum Code: NAD 27	Straight Hole
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Latitude: 36.785195	Longitude: -107.707786	X:	Y:	Section: 30	Range: 008W
Footage X: 685 FEL	Footage Y: 1402 FNL	Elevation: 5812	(FT)	Township: 030N	

Tolerance:

Location Type: Year Round	Start Date (Est.): 1/1/2010	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 5823 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5703	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	1310	4513	<input type="checkbox"/>			
KIRTLAND	1514	4309	<input type="checkbox"/>			
FRUITLAND	2209	3614	<input type="checkbox"/>	920		Gas
PICTURED CLIFFS	2514	3309	<input type="checkbox"/>			Gas
Total Depth	2714	3109	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 417 cuft. Circulate cement to surface.

## Reference Wells:

Reference Type	Well Name	Comments
Production	Howell Branch 3	NE30 30-8

## Logging Program:

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

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

No OH logs and no mud logging required.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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## Operator Certification

### Operator Information:

ConocoPhillips Company  
P.O. Box 4289  
Farmington, NM 87499-4289  
505-326-9700

### Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provision of 18 U.S.C. 1001 for the filing of false statements.

Executed this 08 day of MAY, 2009.

Marie E. Jaramillo  
Staff Regulatory Tech

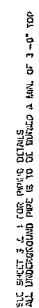
On behalf of Sharon Zubrod and Virgil Chavez

The person who can be contacted concerning compliance of the APD is:

Sharon Zubrod,  
Regulatory Compliance Manager  
ConocoPhillips Company  
P.O. Box 4289  
Farmington, NM 87499-4289  
505-326-9793

The Field Representative who can be contacted concerning compliance of the enclosed Surface Use Plan is:

Virgil Chavez,  
Construction Supervisor  
ConocoPhillips Company  
P.O. Box 4289  
Farmington, NM 87499-4289  
505-326-9845



Subject: \_\_\_\_\_

CONOCO-PHILIPS  
HIGH PRESSURE J PLAST  
FACILITY DIAGRAM- SITE LAYOUT

Concepcion

SAN JUAN BUSINESS UNIT

[illegible]

**CONOCOPHILLIPS COMPANY**

FLORANCE #142  
1402' FNL & 685' FEL  
LOCATED IN THE SE/4 NE/4 OF SECTION 30,  
T30N, R8W, N.M.P.M.,  
SAN JUAN COUNTY, NEW MEXICO

**DIRECTIONS**

- 1) FROM BLANCO POST OFFICE, HEAD EAST ON HWY 64 FOR 2.4 MILES.
- 2) TURN LEFT ONTO HWY 511, GO NORTH FOR 6.2.
- 3) TURN RIGHT, ACROSS CATTLE GUARD, & GO 0.2 MILES.
- 4) TURN LEFT, AFTER CATTLE GUARD, & GO 0.1 MILES, WHERE WELL IS CO-LOCATED WITH PLUGGED & ABANDONED LOCATION.

WELL FLAG LOCATED AT LAT. 36.78520° N, LONG. 107.70840° W (NAD 83).

