

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 18 2010

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Farmington Field Office  
Bureau of Land Management

1a. Type of Work DRILL	5. Lease Number SF-078316-C Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator  ConocoPhillips Company	7. Unit Agreement Name RCVD SEP 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 Jacques 9. Well Number 100S	
4. Location of Well Surf: Unit O (SWSE), 710' FSL & 1935' FEL  Surf: Latitude: 36.776861° N (NAD83) <i>dot 3</i> Longitude: 107.727541° W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Unit O, Sec. 25, T30N, R9W  API # 30-045- <i>35190</i>	
14. Distance in Miles from Nearest Town 2.7 miles from Navajo Dam	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 710'		
16. Acres in Lease 214.020	17. Acres Assigned to Well 331.38 E2 (FC)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 831' from Jacquez 1A (MV)		
19. Proposed Depth 2623'	20. Rotary or Cable Tools Rotary	
21. Elevations (DE, FT, GR, Etc.) 5725' GL <small>This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4</small>	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <i>[Signature]</i> Dollie L. Busse (Staff Regulatory Tech)	8/17/10 Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY *[Signature]*

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

SEP 14 2010 NMOC

NOTIFY AZTEC OCD 24 HRS.

PRIOR TO CASING & CEMENT

ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

DISTRICT I  
1625 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

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Form C-102  
Revised October 12, 2005

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

Farmington Field Office ☐ AMENDED REPORT  
Bureau of Land Management

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-35190		2 Pool Code 71629		3 Pool Name BASIN FRUITLAND COAL	
4 Property Code 37682		5 Property Name JACQUES			6 Well Number 100S
7 OGRID No. 217817		8 Operator Name CONOCOPHILLIPS COMPANY			9 Elevation 5725'

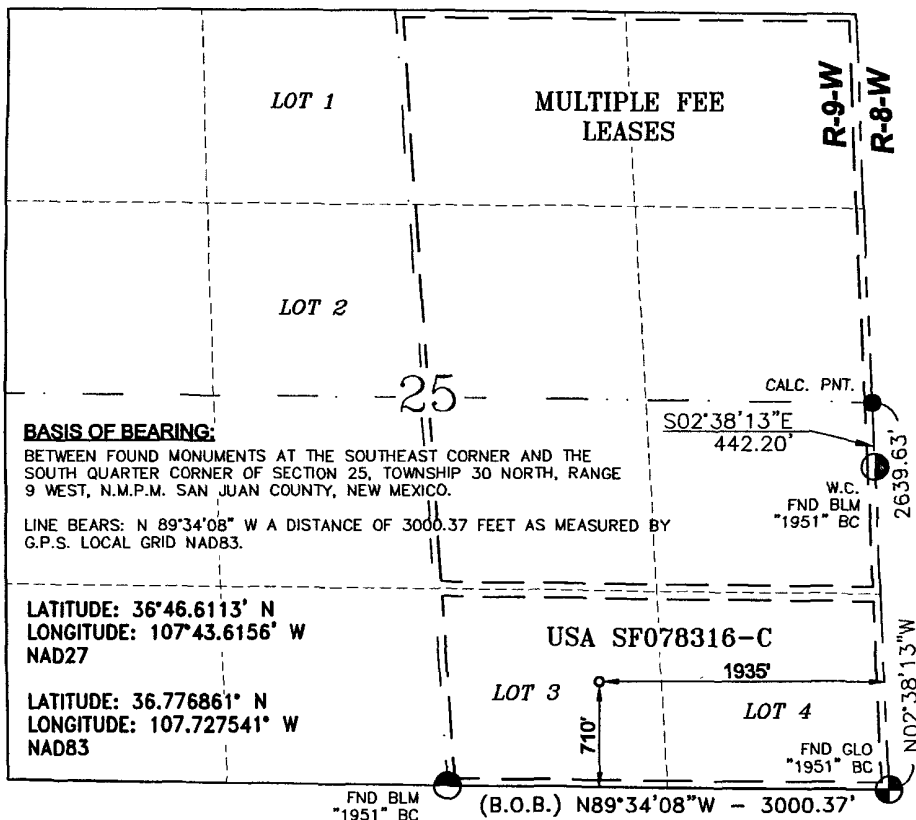
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	25	30-N	9-W	3	710	SOUTH	1935	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
12 Dedicated Acres FC 331.38 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.

*[Signature]* 5/3/10  
Signature  
Dollie L. Busse  
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.

APRIL 22, 2010  
Date of Survey

Signature and Seal of



GLEN W. RUSSELL  
Certificate Number

15703

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

JACQUES 100S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9392		AFE \$: 561,510.00	
Field Name: SAN JUAN		Rig: H&P Rig 283		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	
				Phone:	

<b>Primary Objective (Zones):</b>	
Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)

<b>Location:</b> Surface		<b>Datum Code:</b> NAD 27		<b>Straight Hole</b>	
Latitude: 36.776856	Longitude: -107.726927	X:	Y:	Section: 25	Range: 009W
Footage X: 1935 FEL	Footage Y: 710 FSL	Elevation: 5725	(FT)	Township: 030N	

Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2012		Completion Date:	
				Date In Operation:	

Formation Data: Assume KB = 5740 Units = FT					
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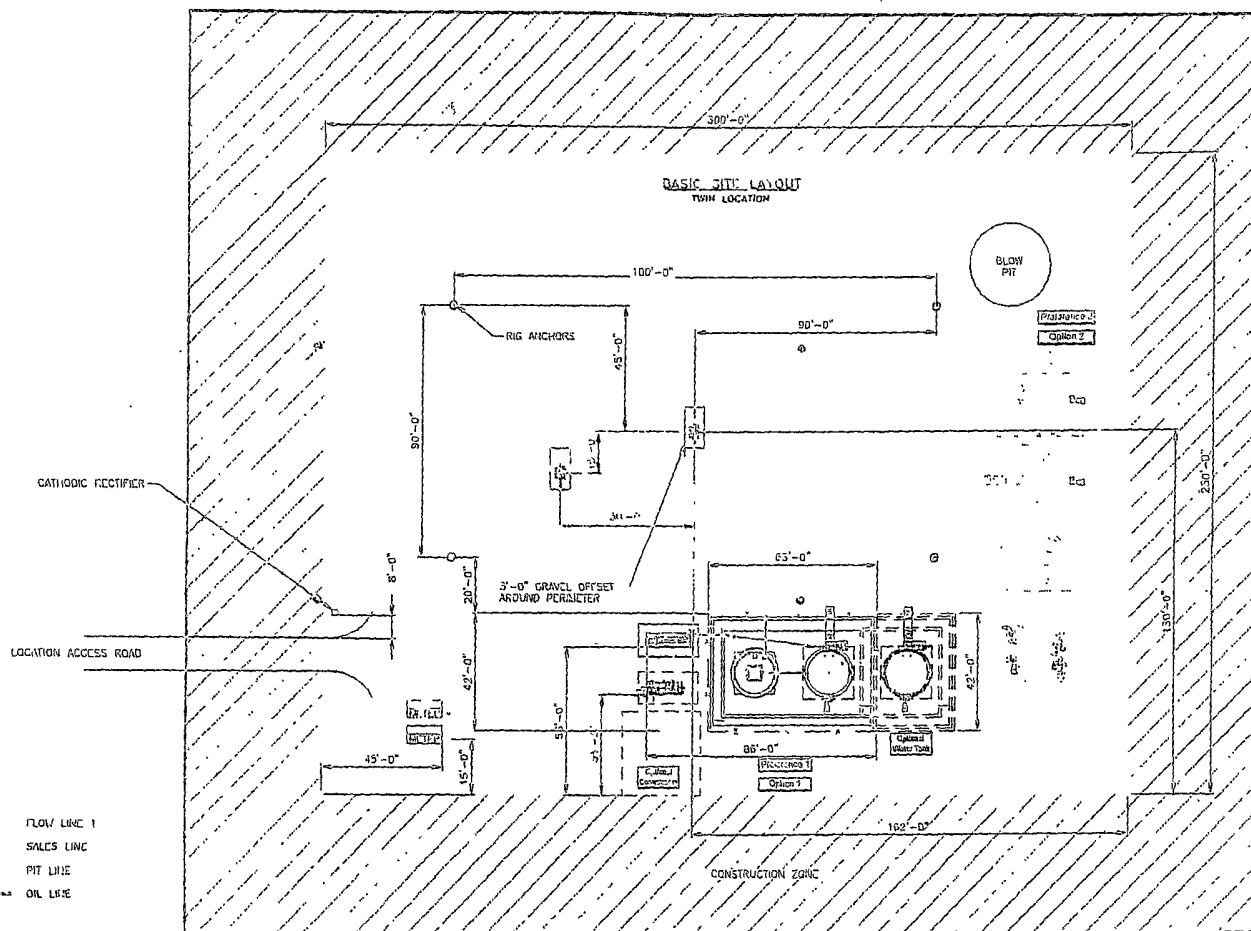
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5620		<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	1259	4481		<input type="checkbox"/>			
KIRTLAND	1404	4336		<input type="checkbox"/>			
FRUITLAND	1882	3858		<input type="checkbox"/>			Gas
FRUITLAND COAL	2071	3669		<input type="checkbox"/>			
PICTURED CLIFFS	2423	3317		<input type="checkbox"/>	156		Gas; TD - 200' below T/PCCF
Total Depth	2623	3117		<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 352 cuft. Circulate cement to surface.

Reference Wells:		
Reference Type	Well Name	Comments
Production	State Gas Com BN-1	30N 9W 36 SE NW NE
Production	Walker Com-1	30N 9W 25 SE SE
Production	State Gas Com J-1B	30N 9W 36 SW NW NE

<b>Logging Program:</b>			
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



SEE SHEET 2 & 4 FOR PIPING DETAILS  
ALL UNDERGROUND PIPE IS TO BE COVERED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

										ENGINEERING REVIEW			REFERENCE DRAWINGS			CONOCO PHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM - SITE LAYOUT		
										DESIGNED	CHECKED	DATE	BY	DESCRIPTION		SAN JUAN BUSINESS UNIT		
										PROCESS						OWNER: _____		
										MECHANICAL						DESIGN APPROV. _____		
										PIPING						SCALE: _____		
										ELECTRICAL						CERAMIC: _____		
										P.L.C.						SHEET NO. _____		
										CEQA/STRUCTURAL						HP3PHASE-REV1		
										PROJECT						1 of 5		
DESCRIPTION										DATE	BY	CHK'D	ENG	OSC	REV			

Process: San Juan Business Unit Location: Site Layout, 06/20/2007 - 06/20/2007

Directions from the Intersection of Hwy 173 & 511  
in the Community of Navajo Dam, NM

to:

CONOCOPHILLIPS COMPANY

JACQUES #100S

710' FSL & 1935' FEL,

Section 25, T30N, R9W, N.M.P.M., San Juan County,  
New Mexico

Lat: 36° 46' 36.699" N

Long: 107° 43' 39.147" W

Nad 1983

Take Highway 511 Southwest 2.5 miles,  
Turn right (northwesterly) 0.2 miles,  
Turn left 300' through location to beginning of new access  
On west side of existing location, JACQUES #1A,  
Proceed (westerly) 604.70' to the newly staked location.