

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 23 2010

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Bureau of Land Management
Farmington Field Office

1a. Type of Work DRILL	5. Lease Number SF-080066 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator ConocoPhillips Company	7. Unit Agreement Name San Juan 30-5 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name RCVD MAY 3 '10 OIL CONS. DIV. DIST. 3 9. Well Number 79N	
4. Location of Well Surf: Unit E (SWNW), 1885' FNL & 600' FWL Surf: Latitude: 36.843693° N (NAD83) Longitude: 107.387656° W	10. Field, Pool, Wildcat Blanco MV / Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) E Sec. 5, T30N, R5W API # 30-039- 30928	
14. Distance in Miles from Nearest Town 45 miles / Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 600'	17. Acres Assigned to Well 319.00 N/2 - DK & 319.31 W/2 - MV	
16. Acres in Lease 1,158.120	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 565' from San Juan 30-5 Unit 214A	
19. Proposed Depth 8027'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6461' 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 Tech)	Date <u>2/23/2010</u>	

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY: [Signature]

TITLE Acting ADM

DATE 4/29/10

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 3

Bond Numbers ES-0048 and ES-0085

MAY 05 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
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 87506

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

FEB 23 2010

Form C-102
Revised October 12, 2005

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

Bureau of Land Management

Field Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039- 30928	² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 31327	⁵ Property Name SAN JUAN 30 - 5 UNIT	⁶ Well Number 79N
⁷ GRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6461'

¹⁰ Surface Location

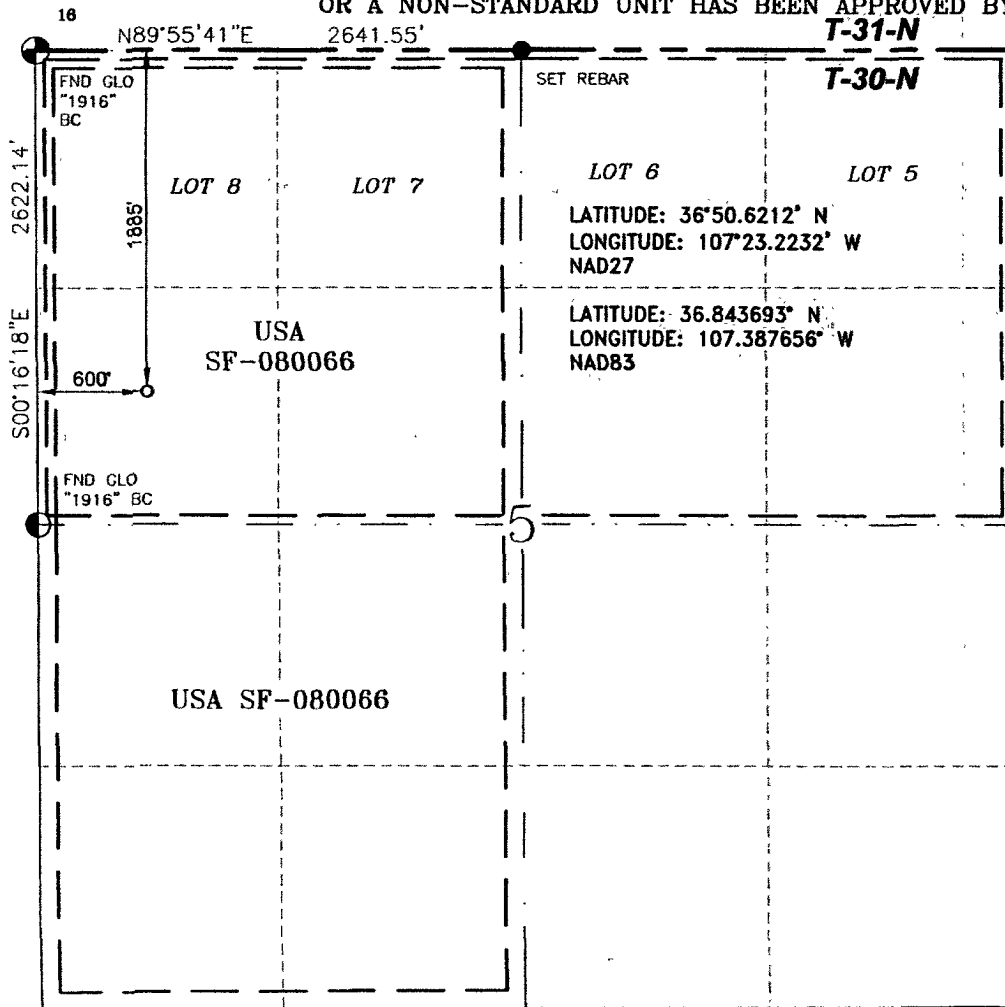
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	5	30-N	5-W		1885	NORTH	600	WEST	RIO ARRIBA

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
E									

¹² Dedicated Acres DK 319.00 ACRES N/2 MV 319.31 ACRES W/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

Marie E. Jaramillo 4/1/09

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.

Date of Survey

Signature

Surveyor

Certificate Number

15703

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-5 UNIT 79N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8281		AFE \$: 1,366,391.29	
Field Name: SAN JUAN		Rig: XXX 2010 Holding		State: NM	County: RIO ARRIBA
Geologist:		Phone:	Geophysicist:		Phone:
Geoscientist:		Phone:	Prod. Engineer:		Phone:
Res. Engineer: Hester, Colton		Phone: +1 505-326-9779	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: 36.843687	Longitude: -107.387054	X:	Y:	Section: 05	Range: 005W
Footage X: 600 FWL	Footage Y: 1885 FNL	Elevation: 6461 (FT)	Township: 030N		
Tolerance:					

Location Type: Restricted	Start Date (Est.): 1/1/2011	Completion Date:	Date In Operation:
Formation Data: Assume KB = 6475 Units = FT			

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6275	☐			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	2515	3960	☐			
KIRTLAND	2659	3816	☐			
FRUITLAND	2754	3721	☐			Possible Gas
PICTURED CLIFFS	3417	3058	☐			
LEWIS	3527	2948	☐			
Intermediate Casing	3627	2848	☐			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 869 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	4181	2294	☐			
CHACRA	4581	1894	☐			
MASSIVE CLIFF HOUSE	5415	1060	☐	556		Gas; Est. Top Perf - 5103 (1372)
MENEFEE	5445	1030	☐			
POINT LOOKOUT	5651	824	☐			
MANCOS	6084	391	☐			
UPPER GALLUP	6967	-492	☐			
GREENHORN	7706	-1231	☐			
GRANEROS	7759	-1284	☐			
TWO WELLS	7874	-1399	☐	2970		Gas
UPPER CUBERO	7888	-1413	☐			
LOWER CUBERO	7934	-1459	☐			Est. Btm Perf - 8007 (-1532) based on offset wells
ENCINAL	7977	-1502	☐			TD - 50' below T/ENCN
Total Depth	8027	-1552	☐			6-1/4" hole, 4-1/2" 11.6ppf, L-80, LTC/STC casing. Cement w/ 644 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:		
Reference Type	Well Name	Comments
Production	SJ 30-5 202	30N 5W 6 NW SE NE
Production	SJ 30-5 79M	30N 5W 5 W2 NE NW

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-5 UNIT 79N

DEVELOPMENT

Production	SJ 30-5 214A	30N 5W 5 NE SW NW
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Logging Program:

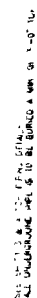
Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

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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SAN JUAN BUSINESS JEFF

Faculty of Education - Al-Qadisiyah

[illegible]

Directions from the Post Office
in Blanco, NM
to
CONOCOPHILLIPS COMPANY
SAN JUAN 30-5 UNIT 79N
1885' FNL & 600' FWL,
Section 5, T30N, R5W, N.M.P.M., Rio Arriba County,
New Mexico
Latitude: 36° 50' 37.296" N
Longitude: 107° 23' 15.561" W
Nad 1983

From the Post Office in Blanco, NM
Take Highway 64 East for 28.8 miles
To Hwy 527 (Simms Mesa Hwy),
Turn left (northwest) on Hwy 527 for 8.0 miles,
To Rosa Road, turn right (northeast) for 6.6 miles,
Across La Jara Bridge to the top of the Mesa,
continue (northeasterly) for 1.3 miles,
turn right (easterly) 1.3 miles,
continue (east-northeast) for 0.3 miles,
to beginning of new access on left side of road,
proceed (northwesterly) 268.41' to the newly staked location.