

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 07 2008

Bureau of Land Management
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number NM-012292
1b. Type of Well GAS	Unit Reporting Number
2. Operator ConocoPhillips	6. If Indian, All. or Tribe
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name San Juan 31-6 Unit
4. Location of Well Unit F (SENW), 1755' FNL & 2230' FWL, Latitude 36.844006° N Longitude 107.451589° W	8. Farm or Lease Name
	9. Well Number #18N
	10. Field, Pool, Wildcat Basin DK/Blanco MV
	11. Sec., Twn, Rge, Mer. (NMPM) F Sec. 3, T30N, R6W API # 30-039-30559
14. Distance in Miles from Nearest Town 46 miles/Blanco	12. County Rio Arriba
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1755'	
16. Acres in Lease 640.48	17. Acres Assigned to Well 320.16 - W/2 (MV/DK)
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 2074' from SJ 31-6 #18-3	
19. Proposed Depth 7955'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6378' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	 H ₂ S POTENTIAL EXIST
24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	<u>8/7/08</u> Date

PERMIT NO.

APPROVAL DATE

APPROVED BY [Signature]

TITLE AFM

DATE 1/16/09

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

This action is subject to technical and procedural review pursuant to 43 CFR 3165.9 and appeal pursuant to 43 CFR 3165.4

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

Bond Numbers ES-0048 and ES-0085

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

JAN 21 2009

NMOCD

AV

REC'D JAN 20 2009
BLM OCS DIV.

0151.2

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

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- 30559		*Pool Code 71599/72319	*Pool Name BASIN DAKOTA/BLANCO MESAVERDE
*Property Code 31328	*Property Name SAN JUAN 31-6 UNIT		*Well Number 18N
*OGRID No. 217817	*Operator Name CONOCOPHILLIPS COMPANY		*Elevation 6378'

10 Surface Location

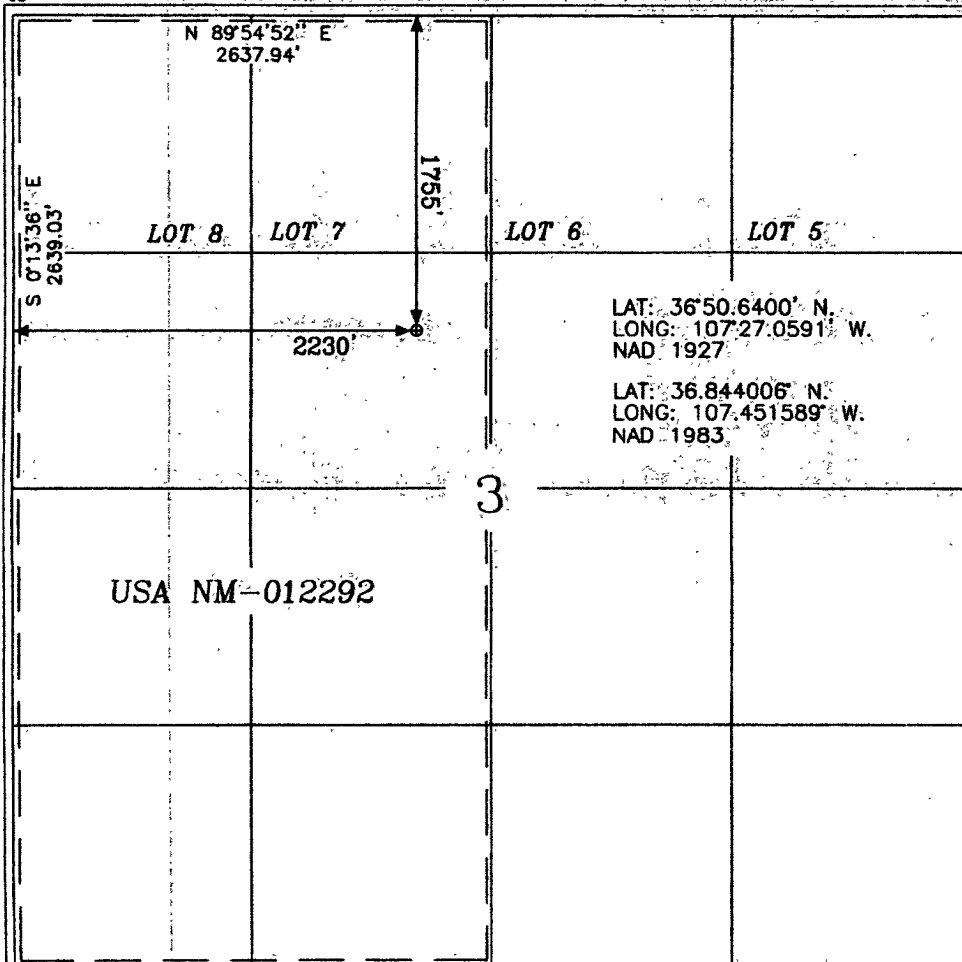
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	3	30-N	6-W		1755'	NORTH	2230'	WEST	RIO ARRIBA

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
F									
12 Dedicated Acres DK 320.16 ACRES W/2 MV 320.16 ACRES W/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

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 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 Walker 4/1/08
Signature

Crystal Walker 4-1-08
Printed Name

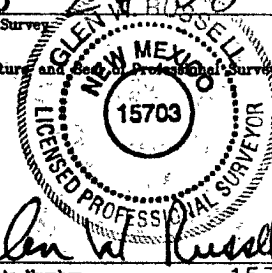
18 SURVEYOR CERTIFICATION

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.

3-27-08
Date of Survey

Signature and Seal of Professional Surveyor

Allen W. Russell
Certificate Number 15703



COMPANY
Charge Code
WELL NAME

BURLINGTON RESOURCES

WAN.CDR.7499

SAN JUAN 31 - 6 # 18 N

DATE

4/6/2008

DUAL WELL
TRIPLE WELL

WELL NAME

WELL NAME

COORDINATES

SEC TNSHP RANGE

F 3

30 N

6 W

LATITUDE

36 50.6400 N

LONGITUDE

107 27.0591 W

COUNTY

RIO ARRIBA

RECTIFIER

SOLAR

GROUND BED

240 V METER POLE

480 V METER POLE

D C CABLES

A C CABLES

PRIMARY POWER

DISTANCE TO POWER

UNDERGROUND

PUMPJACK

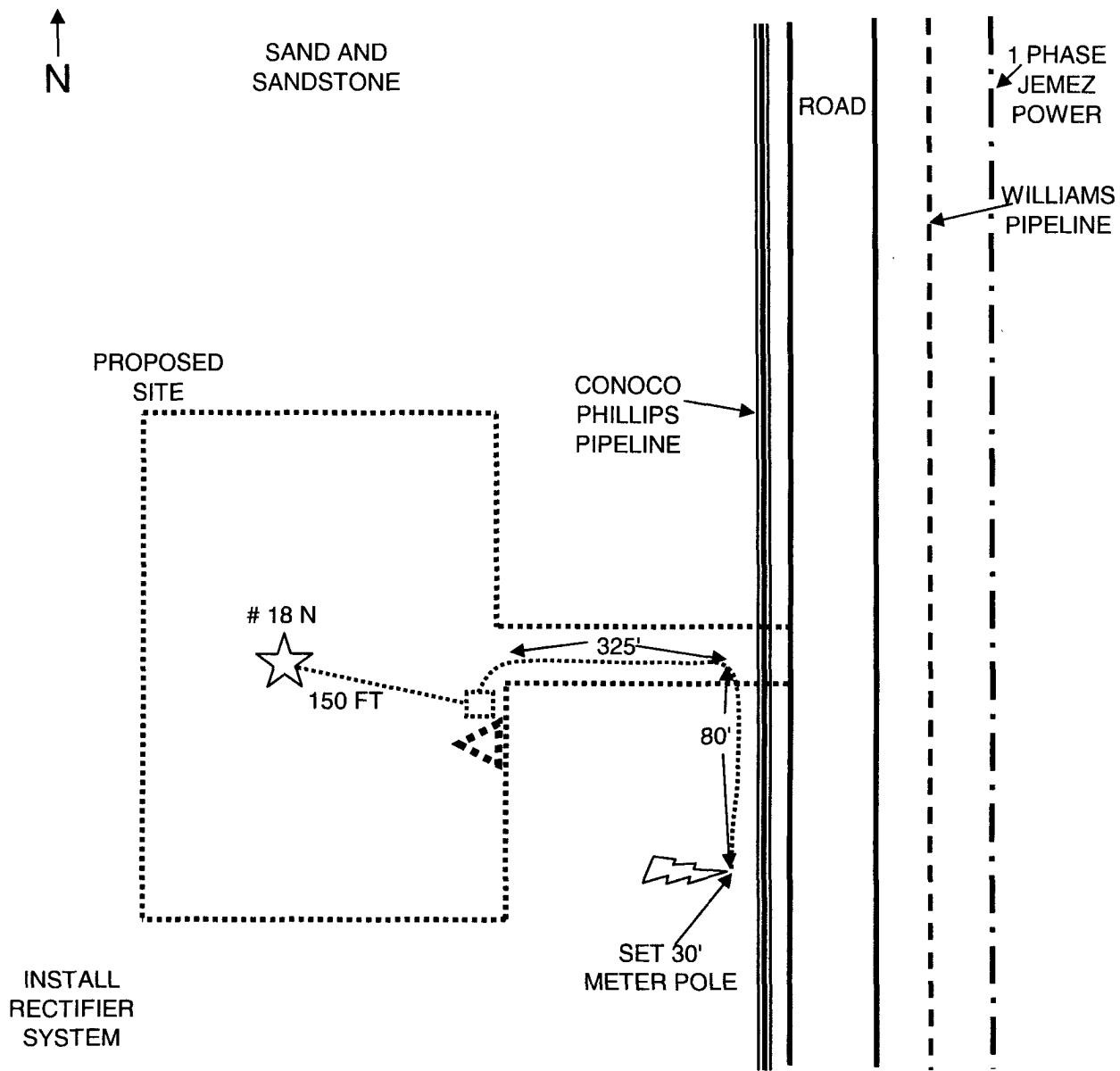
WATER PUMP

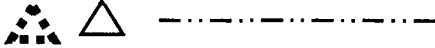
SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
30/12	X			
	X			
	X			
# 8	200'			
# 8	450'			
			JEMEZ	
			500'	

COMMENTS

SET METER POLE - PLOW UGAC TO LOC 325 FT - INSTALL RECTIFIER SYSTEM

WELL NAME
SAN JAUN 31 - 6 # 18 N



TANK 	SEP OR DEHY 	SOLAR 	METER POLE 	PUMP JACK 	GND/BED EXISTING CABLE 
RECT 	PIT 	WELL 	proposed solar/gb 	PROPOSED CABLE 	POWER LINE 
			FOREIGN PL 	CONOCO PL 	

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 31-6 UNIT 18N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7499		AFE \$:	
Field Name: hBR_SAN JUAN 30-6 UNIT		Rig: H&P Rig 281		State: NM	County: RIO ARriba
Geologist:		Phone:		Geophysicist:	
Geoscientist: Riley, Brook		Phone: +1 505-324-6108		Prod. Engineer:	
Res. Engineer: McKee, Cory J		Phone: +1 505-326-9826		Proj. Field Lead:	

Primary Objective (Zones):

Zone	Zone Name
FRR	BASIN DAKOTA (PRORATED GAS)
RON	BLANCO MESAVERDE (PRORATED GAS)

Location: Datum Code: NAD 27

Latitude: 36.844000	Longitude: -107.450985	X:	Y:	Section: 03	Range: 006W
Footage X: 2230 FWL		Footage Y: 1755 FNL		Elevation: 6378 (FT)	Township: 030N
Tolerance:					

Location Type: Restricted Start Date (Est.): 1/1/2009 Completion Date: Date In Operation:

Formation Data: Assume KB = 6390 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6190	☐			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.
OJO ALAMO	2390	4000	☐			
KIRTLAND	2517	3873	☐			
FRUITLAND	2872	3518	☐			Possible Gas
PICTURED CLIFFS	3319	3071	☐			
LEWIS	3469	2921	☐			
Intermediate Casing	3569	2821	☐			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 804 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	4074	2316	☐			
CHACRA	4466	1924	☐			
UPPER CLIFF HOUSE	4977	1413	☐			Gas
MASSIVE CLIFF HOUSE	5295	1095	☐	420		Gas
MENEFEE	5327	1063	☐			
POINT LOOKOUT	5595	795	☐			
MANCOS	5879	511	☐			
UPPER GALLUP	6877	-487	☐			
GREENHORN	7617	-1227	☐			
GRANEROS	7672	-1282	☐			
PAGUATE	7784	-1394	☐	2050		
UPPER CUBERO	7792	-1402	☐			
LOWER CUBERO	7840	-1450	☐			
ENCINAL	7905	-1515	☐			
Total Depth	7955	-1565	☐			6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 597 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:

Reference Type	Well Name	Comments
----------------	-----------	----------

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 31-6 UNIT 18N

DEVELOPMENT

Logging Program:

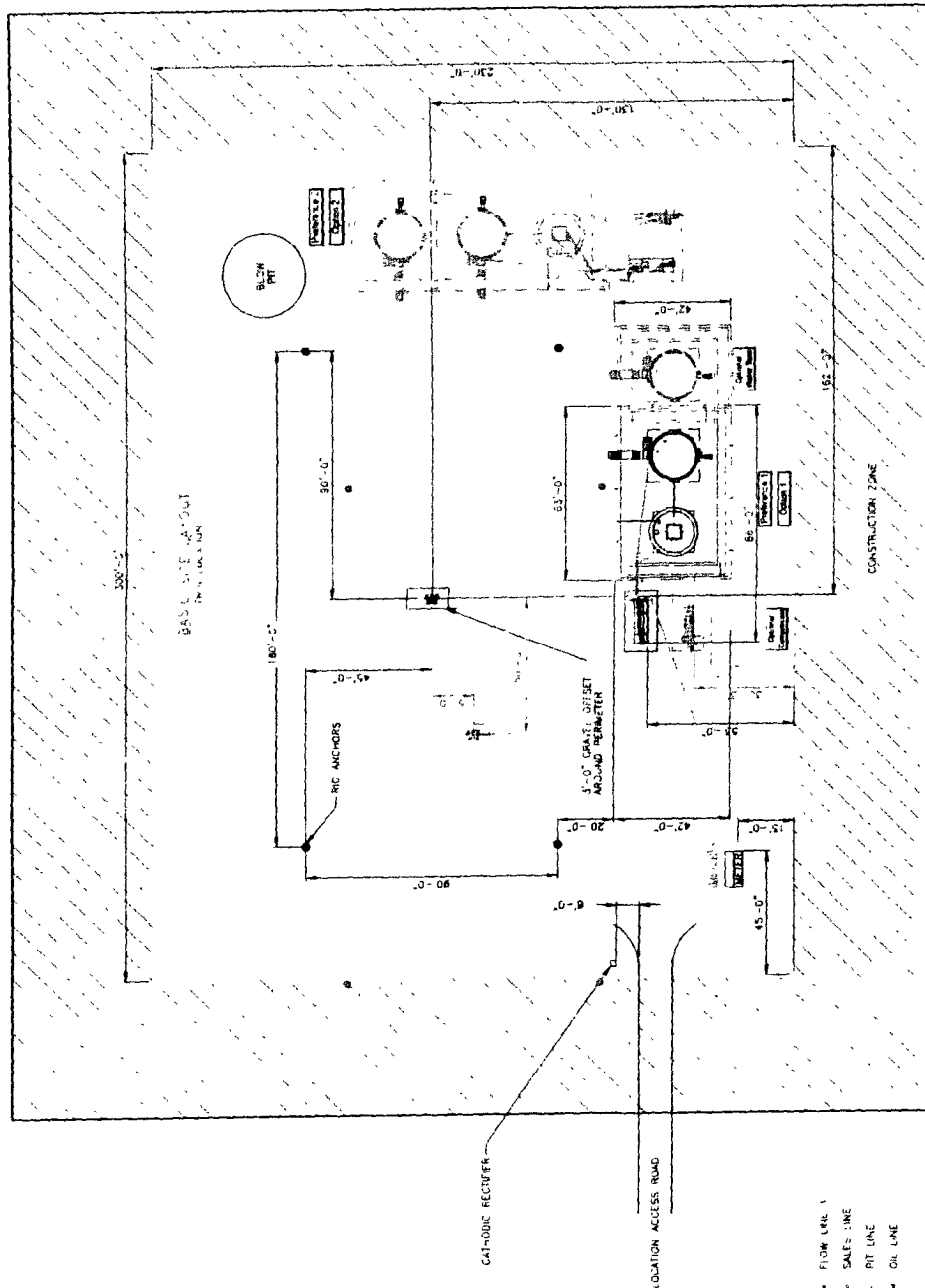
Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

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

Est bottom perf ~20' above the est TD.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
----------	-------	-----------	---------	----------------	---------



SEE SHEET 2 FOR PILING DETAILS
 ALL DIMENSIONS ARE IN FEET AND INCHES

SHEET 1 OF 2

CONOCO-PHILLIPS				SAN JUAN BUSINESS UNIT				HIGH PRESSURE 3-PHASE FACILITY DIAGRAM - SITE LAYOUT			
PROJECT				DATE				DRAWN BY			
DESIGN				DATE				CHECKED BY			
CONSTRUCTION				DATE				APPROVED BY			
ELECTRICAL				DATE				PROJECT NO.			
OIL FIELD				DATE				SHEET NO.			
PROJECT				DATE				REVISED			
CONSTRUCTION				DATE				CONSTRUCTION			
ELECTRICAL				DATE				ELECTRICAL			
OIL FIELD				DATE				OIL FIELD			
PROJECT				DATE				PROJECT			

Directions from the Post Office
in Blanco, NM
to
CONOCOPHILLIPS COMPANY
SAN JUAN 31-6 UNIT 18N
1755' FNL & 2230' FWL,
Section 3, T30N, R6W, N.M.P.M., Rio Arriba County,
New Mexico
Latitude: 36.844006° N
Longitude: 107.451589° W
Nad 83

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,
Turn left (northeasterly) 0.8 miles,
Continue (northwesterly) 0.5 miles,
Continue (easterly) 1.2 miles to fork,
Stay left (southerly) 0.4 miles,
To beginning of new access on right side of road &
Continues (westerly) 322.60' to the newly staked location.