

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

MAR 17 2009

1a. Type of Work DRILL	5. Lease Number SF-078999	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator ConocoPhillips Company	7. Unit Agreement Name San Juan 31-6 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 9. Well Number 101	
4. Location of Well Unit D (NWNW), 850' FNL & 1150' FWL Latitude: 36.86102° N (NAD83) Longitude: 107.43726° W	10. Field, Pool, Wildcat Rosa Pictured Cliffs 11. Sec., Twn, Rge, Mer. (NMPM) D Sec. 35, T31N, R6W API # 30-039- 30718	
14. Distance in Miles from Nearest Town 22 miles/Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 850'	17. Acres Assigned to Well 160.00 (NW/4) 320.00 (N/2) - See Plat	
16. Acres in Lease 2,560.000		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 50' from the San Juan 31-6 Unit 35E (DK/MV)		
19. Proposed Depth 3697'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6478' GL	22. Approx. Date Work will Start 3/17/2009	
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".	
24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	Date	

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

MAR 17 2010

NMOCD

NOTIFY AZTEC OCD 24 HRS PRIOR TO CASING & CEMENTING

BLM'S APPROVAL AND 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, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 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

RECEIVED

MAR 17 2009

Form C-102
Revised October 12, 2005
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

Bureau of Land Management
Farmington Field Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30718	*Pool Code 96175	*Pool Name ROSA PICTURED CLIFFS
*Property Code 31328	*Property Name SAN JUAN 31-6 UNIT	*Well Number 101
*GRID No 217817	*Operator Name CONOCOPHILLIPS COMPANY	*Elevation 6478'

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
D	35	31N	6W		850	NORTH	1150	WEST	RIO ARriba

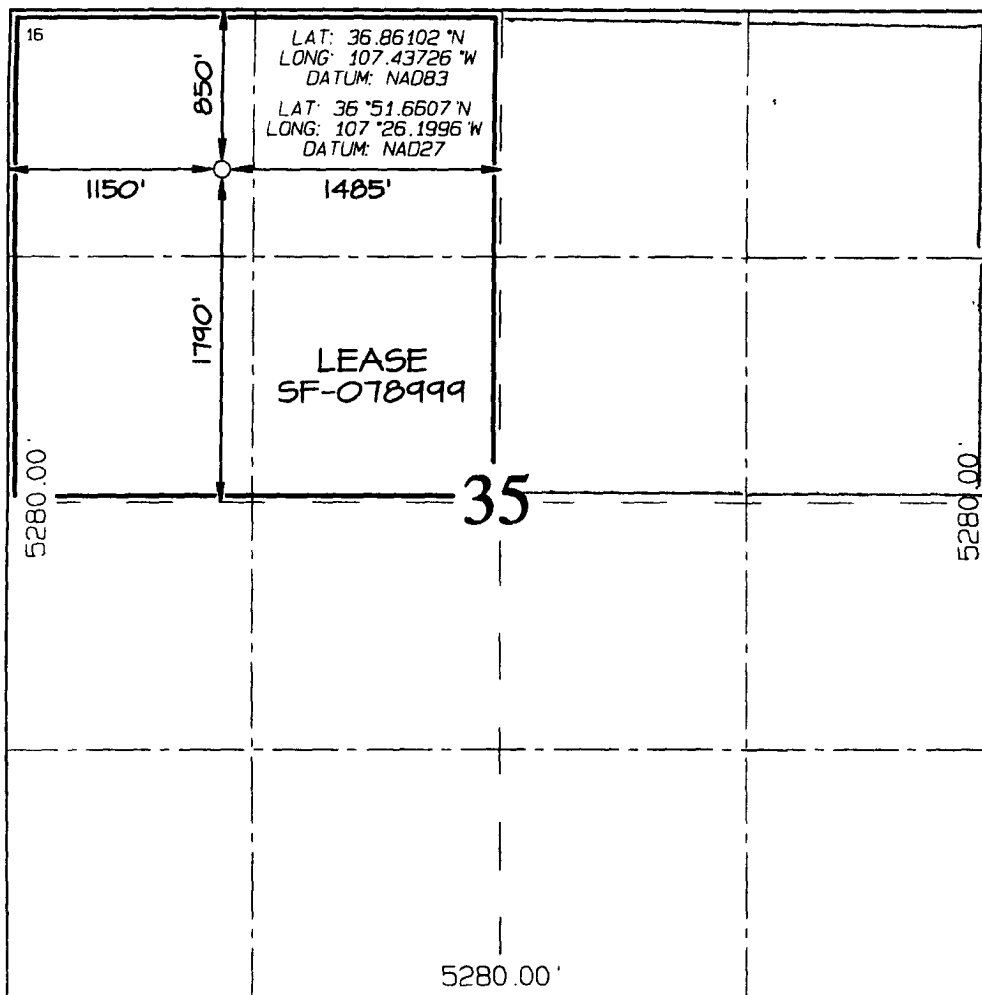
¹¹ Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D									

¹² Dedicated Acres 160.0 Acres - NW/4	¹³ Joint or Infill N/2 - 320	¹⁴ Consolidation Code 0 Acre for Federal Unit Agreement Drillblock	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

5276.04'



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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division

Crystal Tafoya 6/25/08
Signature Date
Crystal Tafoya 6-25-08
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

Date of Survey: MARCH 11, 2008

Signature and Seal of Professional Surveyor



Jason C. Edwards
Certificate Number 15269

COMPANY

BURLINGTON RESOURCES

Charge Code

WAN.RFE.PD07.HN

WELL NAME

SAN JUAN 31 - 6 # 101

DATE

6/27/2008

DUAL WELL

WELL NAME

TRIPLE WELL

WELL NAME

COORDINATES

SEC

TNSHP

RANGE

LATITUDE

LONGITUDE

D 35

31 N

6 W

36.86102 N

107.43726 W

COUNTY

RIO ARRIBA

RECTIFIER

40/16

X

X

SOLARGROUND BED

X

X

240 V METER POLE480 V METER POLED C CABLES

8

250'

A C CABLESPRIMARY POWER

JEMEZ

DISTANCE TO POWER

ON LOCATION

UNDERGROUNDPUMPJACKWATER PUMP**COMMENTS**

SANDY LOAM

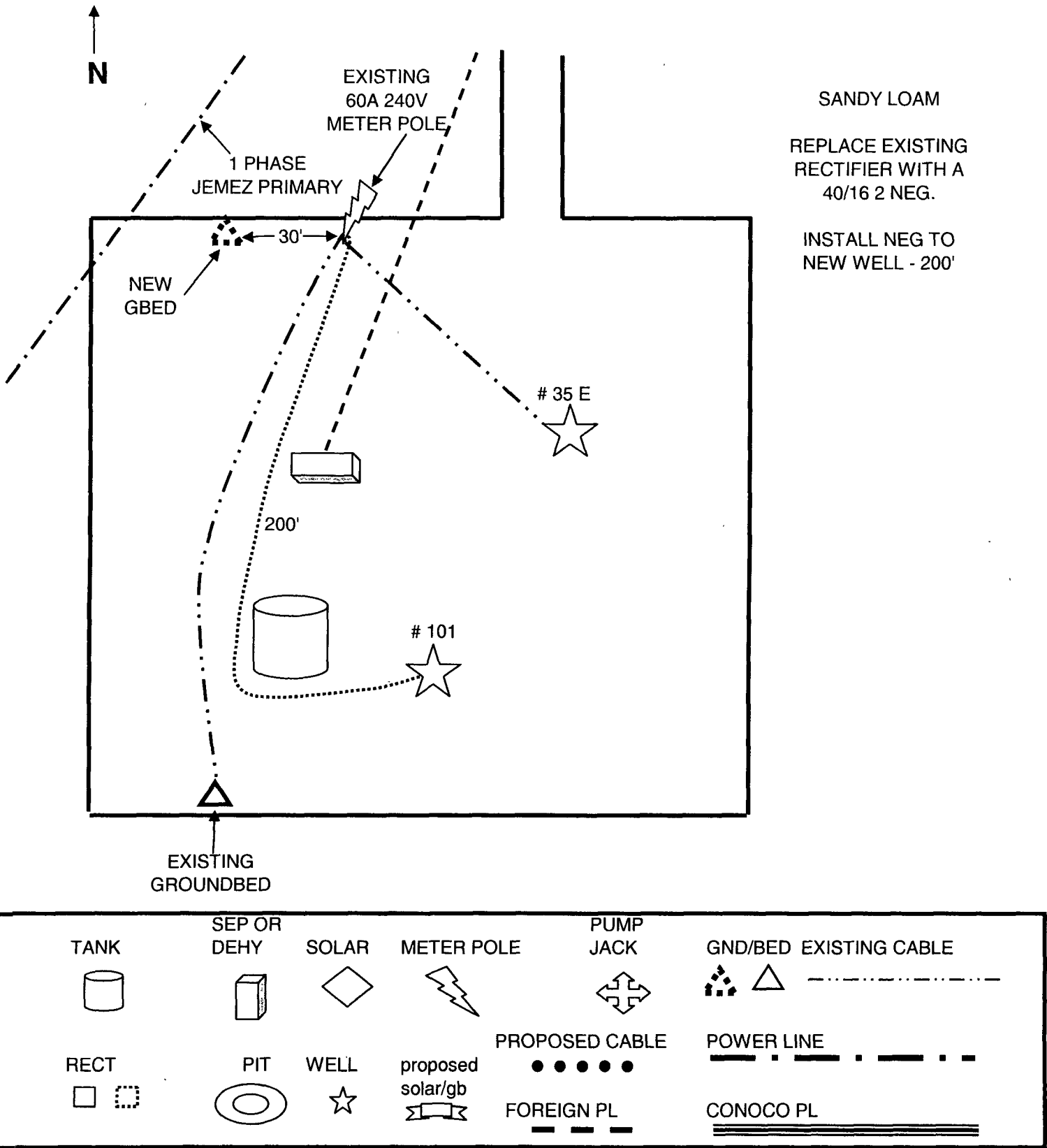
1 PHASE JEMEZ PRIMARY ON LOCATION

INSTALL NEW GBED

REPLACE EXISTING RECT, WITH A 40/16 2 NEG. RECT.

INSTALL NEGATIVE TO NEW WELL 200'

WELL NAME
SAN JUAN 31 - 6 # 101



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 31-6 UNIT 101

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7369		AFE \$: 396,652.83	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 282		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist: Koerschner, Bill		Phone: +1 505-326-9770		Prod. Engineer:	
Res. Engineer: Cochrane, Tom D		Phone: +1 505 599-4049		Proj. Field Lead:	
				Phone:	

Primary Objective (Zones):	
Zone	Zone Name
R20003	PICTURED CLIFFS(R20003)

Location: Surface		Datum Code: NAD 27		Strait Hole	
Latitude: 36.861014	Longitude: -107.436656	X:	Y:	Section: 35	Range: 006W
Footage X: 1150 FWL	Footage Y: 850 FNL	Elevation: 6478 (FT)	Township: 031N		
Tolerance:					

Location Type: Restricted		Start Date (Est.): 1/1/2009		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6489		Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	120	6369	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.	
OJO ALAMO	2534	3955	<input type="checkbox"/>				
KIRTLAND	2634	3855	<input type="checkbox"/>				
FRUITLAND	3111	3378	<input type="checkbox"/>	850		Gas	
PICTURED CLIFFS	3497	2992	<input type="checkbox"/>			Gas	
Total Depth	3697	2792	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 11.6 ppf, L-80, LTC casing. Cement with 568 cuft. Circulate cement to surface.	

Reference Wells:		
Reference Type	Well Name	Comments
Production	31-6 #1 & #35	section 35 31-6

Logging Program:	
Intermediate Logs:	<input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo

TD Logs:	<input checked="" 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
Run PEX over minimum footage at TD to evaluate PC	

Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

Comments: Location/Tops/Logging - PCNM031N006W35NW1 Twin 31-6 35E (MV/DK), do not twin 217A (FTC), else D,F,E,C, entire 1/4 section in ACEC.

Zones - PCNM031N006W35NW1

General/Work Description - 1/6/08 Twinned with 31-6 Unit 35P (filed for pit) JGV
10/27/08 this well will have to be drilled by an Aztec Rig due to the 15'x50' offsets per Jim Fodor (dlb)

7/9/08 PC Strategic location. Requires openhole logs Bill Koeschner RAM

1/9/08 These locations target both PC main body and innertonque and separate fracs will likely be required for the PC and the

Printed on: 2/20/2009 3:32:58 PM

Directions from the Intersection of US Hwy 64 & US Hwy 550 in Bloomfield, NM

to ConocoPhillips Company San Juan 31-6 Unit #101

850' FNL & 1150' FWL, Section 35, T31N, R6W, NMPM, Rio Arriba County, NM

Latitude : 36.86102°N Longitude : 107.43726°W Datum : NAD1983

From the intersection of US Hwy 64 & US Hwy 550 in Bloomfield, NM, travel Easterly on US Hwy 64 for 38.0 miles to State Hwy 527 (Simms Hwy);

Go left (North-westerly) on State Hwy 527 (Simms Hwy) for 7.9 miles to Rosa Road @ La Jara Station;

Go right (Northerly) on Rosa Road for 6.5 miles to fork in road;

Go left which is straight (North-easterly) remaining on Rosa Road for 1.6 miles to 4-way intersection;

Go straight (North-easterly) @ 4-way intersection for 1.5 miles to fork in road;

Go left (South-westerly) for 1.4 miles to fork in road;

Go left (South-easterly) for 0.3 miles to staked location which overlaps an existing wellpad.