

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

IAN 2 6 2009

1a. Type of Work DRILL	5. Lease Number SF-078496 Bureau of Land Management Unit Reporting Number Field Office	
1b. Type of Well GAS	6. If Indian, All. or Tribe NM NM-78413C-1K NM NM-78413A-MV	
2. Operator ConocoPhillips	7. Unit Agreement Name San Juan 28-7 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name RCVD MAR 5 '09 OIL CONS. DIV. DIST. 3	
4. Location of Well Unit C (NENW), 525' FNL & 2005' FWL Latitude: 36.62361 N Longitude: 107.56301 W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) C Sec. 34, T28N, R7W API # 30-039- 30663	
14. Distance in Miles from Nearest Town 17 miles/Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 525'	17. Acres Assigned to Well 318.40 (W/2)	
16. Acres in Lease 1,689.940	20. Rotary or Cable Tools Rotary	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1120' from the San Juan 28-7 225F (DK/MV)	22. Approx. Date Work will Start 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 1-23-09	
19. Proposed Depth 7147'	Date	
21. Elevations (DF, FT, GR, Etc.) 6058' GL		
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>James Gardenhire</u> James Gardenhire (Regulatory Technician)		

PERMIT NO.

APPROVAL DATE

APPROVED BY D. Monke

TITLE AFM

DATE 3/3/09

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

Bond Numbers ES-0048 and ES-0085

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

NMOC

MAR 09 2009

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

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

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

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

RECEIVED

JAN 26 2009 AMENDED REPORT

Bureau of Land Management
Field Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30003	*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 31739	*Property Name SAN JUAN 28-7 UNIT	*Well Number 131N
*GRID No 217817	*Operator Name CONOCOPHILLIPS COMPANY	*Elevation 6058'

¹⁰ Surface Location

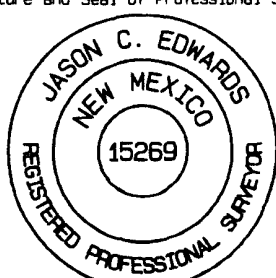
UL or lot no C	Section 34	Township 28N	Range 7W	Lot Idn	Feet from the 525	North/South line NORTH	Feet from the 2005	East/West line WEST	County RIO ARriba
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no C	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 318.40 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

¹⁶ 2005' 2640.00' 525' 635' 2110' 5280.00' LAT: 36.62361°N LONG: 107.56301°W DATUM: NAD83 LAT: 36°37.4161'N LONG: 107°33.7440'W DATUM: NAD27 34 LEASE USA SF-078496 LOT 4 LOT 3 LOT 2 LOT 1 5280.00' 1261.92' 1320.00' 1372.80'	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. Signature <u>Crystal Tafoya</u> Date <u>3/19/08</u> Printed Name <u>Crystal Tafoya</u> 8-19-08 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: JULY 5, 2008 Signature and Seal of Professional Surveyor  JASON C. EDWARDS Certificate Number 15269
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COMPANY

BURLINGTON RESOURCES

Charge Code

WAN.RFE.PD07.ME

WELL NAME

SAN JUAN 28 - 7 # 131 N

DATE

8/11/2008

DUAL WELL

WELL NAME

TRIPLE WELL

WELL NAME

COORDINATES

SEC

TNSHP

RANGE

LATITUDE

LONGITUDE

C 34

28 N

7 W

36.62361 N

107.56301 W

COUNTY

RIO ARRIBA

RECTIFIER

30/12

X

SOLARGROUND BED

X

240 V METER POLE

X

480 V METER POLED C CABLES

8

200'

A C CABLESPRIMARY POWER

JEMEZ

DISTANCE TO POWER

ON LOCATION

UNDERGROUNDPUMPJACKWATER PUMP**COMMENTS**

SANDY AREA

INSTALL RECTIFIER SYSTEM

SET METER POLE

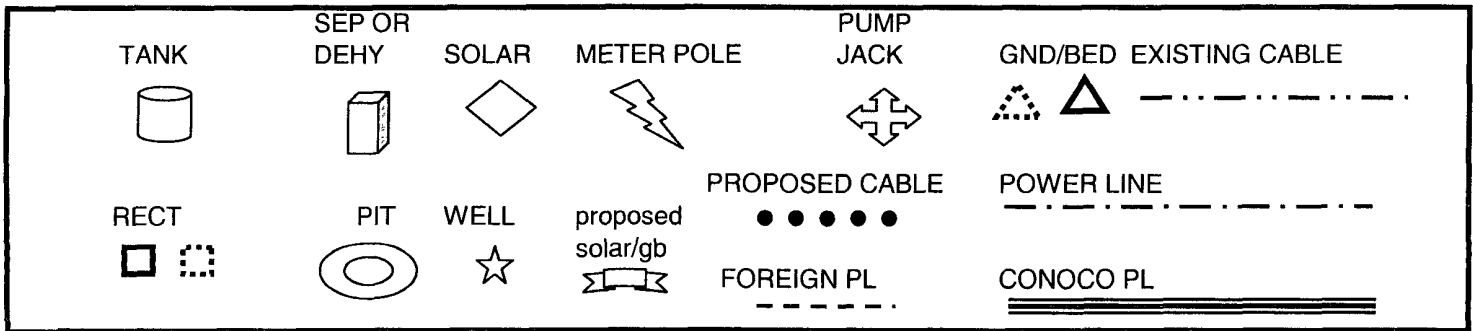
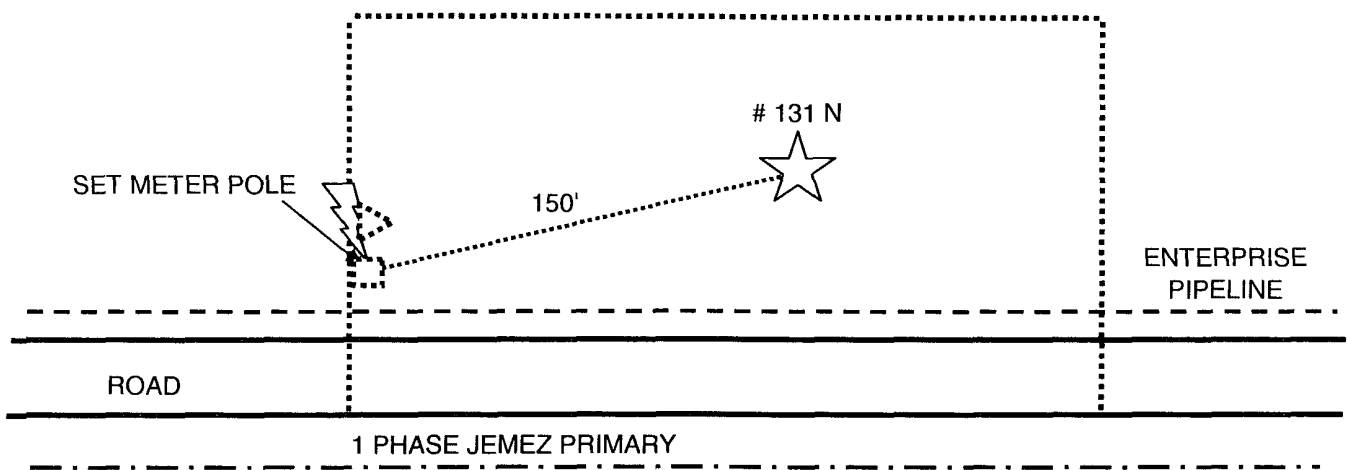
1 PHASE JEMEZ PRIMARY ON LOCATION

WELL NAME SAN JUAN 28 - 7 # 131 N



SANDY AREA

INSTALL RECTIFIER SYSTEM



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-7 UNIT 131N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7489				AFE \$:	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 711		State: NM	County: RIO ARRIBA		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer: McKee, Cory J		Phone: +1 505-326-9826		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
FRR	BASIN DAKOTA (PRORATED GAS)						
RON	BLANCO MESAVERDE (PRORATED GAS)						
Location: Datum Code: NAD 27							
Latitude: 36.623602		Longitude: -107.562403		X:	Y:	Section: 34	Range: 007W
Footage X: 2005 FWL		Footage Y: 525 FNL		Elevation: 6058 (FT)		Township: 028N	
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2010		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6070 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	200	5870	<input type="checkbox"/>			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	1824	4246	<input type="checkbox"/>				
KIRTLAND	1956	4114	<input type="checkbox"/>				
FRUITLAND	2282	3788	<input type="checkbox"/>			Possible Gas	
PICTURED CLIFFS	2670	3400	<input type="checkbox"/>				
LEWIS	2836	3234	<input type="checkbox"/>				
Intermediate Casing	2936	3134	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 661 cuft. Circulate cement to surface.	
HUERFANITO BENTONITE	3185	2885	<input type="checkbox"/>				
CHACRA	3630	2440	<input type="checkbox"/>				
MASSIVE CLIFF HOUSE	4306	1764	<input type="checkbox"/>	820		Gas	
MENEFEE	4442	1628	<input type="checkbox"/>				
POINT LOOKOUT	4913	1157	<input type="checkbox"/>				
MANCOS	5316	754	<input type="checkbox"/>				
UPPER GALLUP	6083	-13	<input type="checkbox"/>				
GREENHORN	6836	-766	<input type="checkbox"/>				
GRANEROS	6888	-818	<input type="checkbox"/>				
TWO WELLS	6935	-865	<input type="checkbox"/>	1300		Gas	
UPPER CUBERO	7042	-972	<input type="checkbox"/>				
LOWER CUBERO	7071	-1001	<input type="checkbox"/>				
ENCINAL	7146	-1076	<input type="checkbox"/>				
Total Depth	7147	-1077	<input type="checkbox"/>			6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 573 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 28-7 UNIT 131N

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

to ConocoPhillips Company San Juan 28-7 Unit #131N

525' FNL & 2005' FWL, Section 34, T28N, R7W, N.M.P.M., Rio Arriba County, NM

Latitude : 36.62361°N Longitude : 107.56301°W Datum : NAD1983

From the intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM, travel Easterly on US Hwy 64 for 10.5 miles across the San Juan River to Largo Road (County Road #4450);

Go right (South-easterly) on County Road #4450 for 3.7 miles to fork in road;

Go left (South-easterly) for 5.7 miles to fork in road;

Go left which is straight (Easterly) along Carrizo Wash for 4.4 miles to fork in road;

Go left which is straight (North-easterly) along Carrizo Wash for 1.5 miles to the head of Delgadita Canyon;

Go right (South-easterly) across Delgadita Wash for 2.3 miles to new access on left-hand side of existing roadway which continues for 73.3' to staked location.