

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED BLM 210 FARMINGTON NM	5. Lease Number SF-078995 Unit Reporting Number NMNM-784218-DK NMNM-78421A-MV
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator ConocoPhillips		7. Unit Agreement Name San Juan 31-6 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM (87401) DIV. DIST. 3 (505) 326-9700		8. Farm or Lease Name 9. Well Number #27F
4. Location of Well Unit K (NESW), 1940' FSL & 2175' FWL, Latitude 36° 52.1174 N Longitude 107° 28.1480 W		10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 28, T31N, R6W API # 30-039-30246
14. Distance in Miles from Nearest Town 48 miles/Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1940'		
16. Acres in Lease	17. Acres Assigned to Well DK & MV - 320 - (W/2)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease		
19. Proposed Depth 8130'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6494' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: Rhonda Rogers (Regulatory Technician)	4-13-07 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 3

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

NMOCD

JUL 06 2010

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

¹ API Number 30-039- 30246	² Pool Code 72319/71599	³ Pool Name Blanco Mesaverde / Basin Dakota
⁴ Property Code 31328	⁵ Property Name SAN JUAN 31-6 UNIT	⁶ Well Number 27F
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6494'

¹⁰ Surface Location

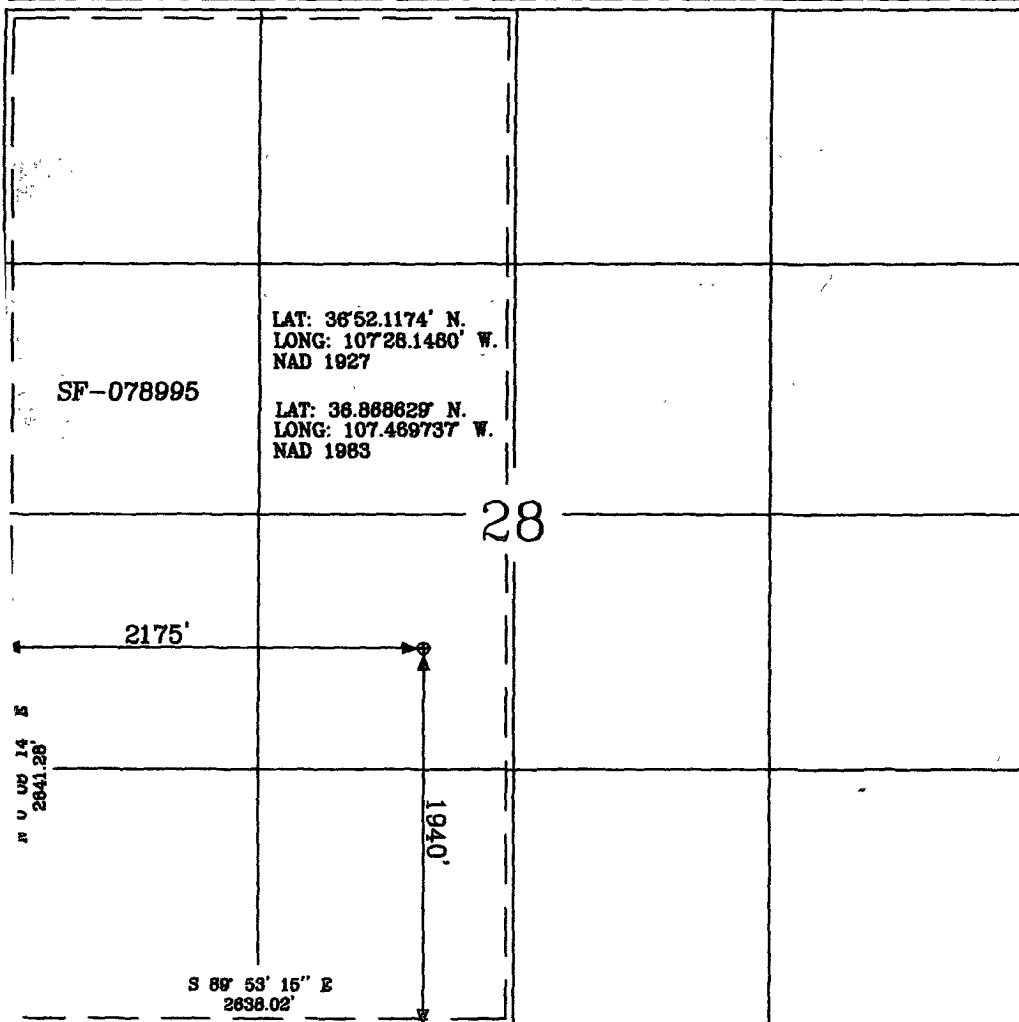
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	28	31-N	6-W		1940'	SOUTH	2175'	WEST	RIO ARriba

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
K									
¹² Dedicated Acres 320 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.

Kandis Roland
Signature

Kandis Roland / Regulatory
Printed Name

Assistant

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: 7-25-2005

Signature: GLEN W. RUSSELL
Professional Surveyor

GLEN W. RUSSELL
15703
Certificate Number

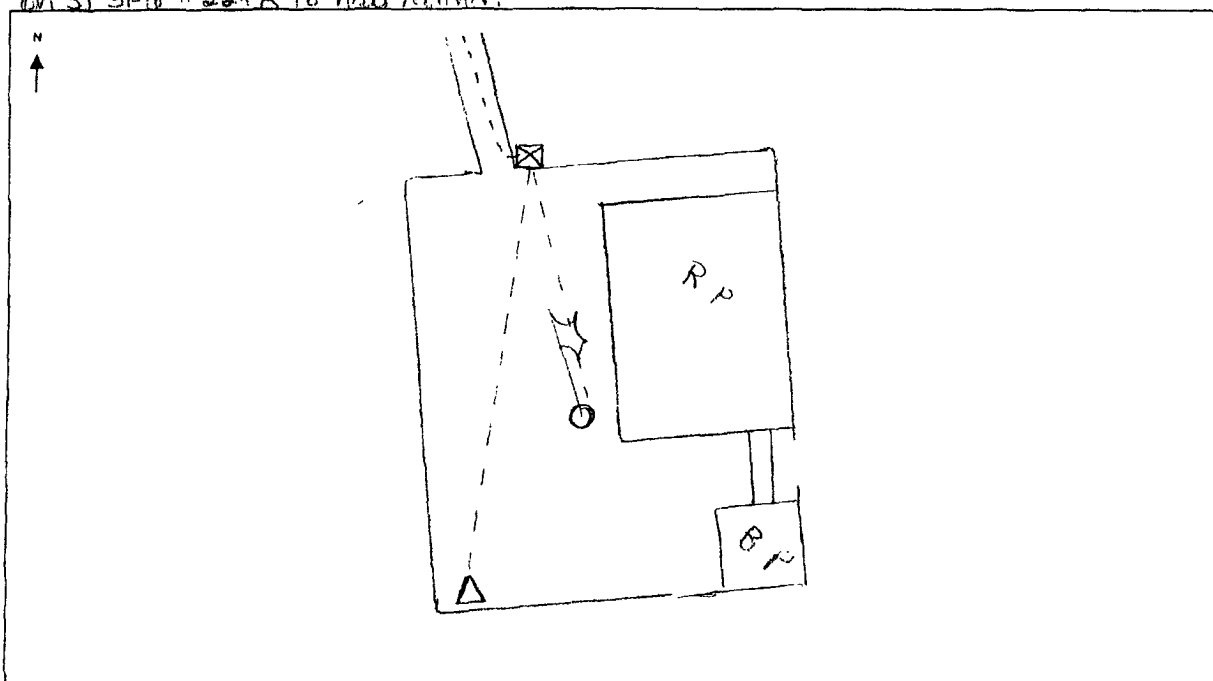


TECHNICAL SERVICES
A CORROSION COMPANY

CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME SJ 31-6 # 27F LEGALS K-28-31-6 COUNTY Rio Arriba

PURPOSED C.P. SYSTEM: Drill G.B. on SW corner of location. Set rectifier on north edge (east side of house). Trench approx 300' of positive from GB to rectifier. Trench approx 200' of #8 neg. cable from proposed well to rectifier. Trench approx 1000' of A/C from existing rectifier on SJ 31-6 # 229B to new rectifier.



EXISTING WELLHEAD	METER HOUSE	G.B.	POWER SOURCE	CABLE	NEW WELL	OVERHEAD A.C.

COMMENTS: Trench A/C on west side of #229B to avoid P/L xings

NEAREST POWER SOURCE Existing Rect SJ 31-6 # 229B DISTANCE: 1000'
PIPELINES IN AREA: _____

TECHNICIAN: Michael J. Hargrave DATE: 3/20/07

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 31-6 UNIT 27F

DEVELOPMENT

Lease:		AFE #: WAN.CNV.7198		AFE \$:	
Field Name: 31-6		Rig: XX 2008 31N	State: NM	County: RIO ARRIBA	API #:
Geologist:		Phone:	Geophysicist:		Phone:
Geoscientist: Glaser, Terry J		Phone: (832)486-2332	Prod. Engineer:		Phone:
Res. Engineer: Pena, David Fernando		Phone: 832-486-2328	Proj. Field Lead: Fransen, Eric E.		Phone:

Primary Objective (Zones):	
Zone	Zone Name
R20002	MESAVERDE(R20002)
R20076	DAKOTA(R20076)

Location: Surface		Datum Code: NAD 27		Straight Hole	
Latitude: 36.868629	Longitude: -107.469737	X: 0.00	Y: 0.00	Section: 28	Range: 006W
Footage X: 2175 FWL	Footage Y: 1940 FSL	Elevation: 6494	(FT)	Township: 031N	
Tolerance:					

Location Type: Summer Only	Start Date (Est.):	Completion Date:	Date In Operation:
----------------------------	--------------------	------------------	--------------------

Formation Data: Assume KB = 6510	Units = FT
----------------------------------	------------

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	216	6294	<input type="checkbox"/>			12-1/4 Hole. 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 171 cuft. Circulate cement to surface.
NCMT	1490	5020	<input type="checkbox"/>			
OJAM	2435	4075	<input type="checkbox"/>			Possible water flows.
KRLD	2635	3875	<input type="checkbox"/>			
FRLD	3135	3375	<input type="checkbox"/>			Possible gas.
PCCF	3460	3050	<input type="checkbox"/>			
LEWS	3660	2850	<input type="checkbox"/>			
Intermediate Casing	3760	2750	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 846 cuft. Circulate cement to surface.
CHRA	4650	1860	<input type="checkbox"/>			
CLFH	5465	1045	<input type="checkbox"/>	700		Gas; possibly wet
MENF	5510	1000	<input type="checkbox"/>			Gas.
PTLK	5760	750	<input type="checkbox"/>			Gas.
GLLP	7110	-600	<input type="checkbox"/>			Gas. Possibly wet.
GRHN	7780	-1270	<input type="checkbox"/>	2200		Gas possible, highly fractured
CBBO	7955	-1445	<input type="checkbox"/>			Gas
TOTAL DEPTH DK	8130	-1620	<input type="checkbox"/>			6-1/4" Hole. 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC. Cement with 595 cuft. Circulate cement a minimum of 100' inside the 7" casing string.

Reference Wells:		
Reference Type	Well Name	Comments

Logging Program:	
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 checked="" type="checkbox"/> TDT
----------	--

PROJECT PROPOSAL - New Drill / Sidetrack**SAN JUAN 31-6 UNIT 27F****DEVELOPMENT**

Additional Information:

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

Comments: Zones - DK 31N06W28SW2 MVNM031N006W28SW2

Directions from the Post Office
in Blanco, NM
to
CONOCOPHILLIPS COMPANY
SAN JUAN 31-6 UNIT #27 F
1940' FSL & 2175' FWL,
Section 28, T31N, R6W, N.M.P.M., Rio Arriba County,
New Mexico

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,
Turn left (northeasterly) 1.4 miles,
Stay on main road (westerly) 1.2 miles to fork,
Stay right (northwesterly) 0.6 miles to intersection,
Turn right (northwesterly) 1.2 miles,
Turn right (north) 0.2 miles,
To the new access on an existing location,
San Juan 31-6 Unit #229R,
And proceed east 300' to the newly staked location.