# UNITED STATES

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

DEPARTMENT OF TI BUREAU OF LAND M	HE INTERIOR	5. Lease Serial No.			
BUREAU OF LAND IN	SF-078840				
APPLICATION FOR PERMIT T	6. If Indian, Allottee or Tribe	Name			
la. Type of Work: 🛛 DRILL 🔲 REENTER		7. If Unit or CA Agreement,	Name and No.		
1b. Type of Well: ☐ Oil Well 🔀 Gas Well ☐ Otho	er 🔀 Single Zone 🔲 Multiple Zone	8. Lease Name and Well No. SAN JUAN 28-7 296	<del></del>		
2. Name of Operator Contact: \	VICKI WESTBY E-Mail: Vicki.R.Westby@conoco.com	9. API Well No.	26776		
3a. Address 10 DESTA DR., ROOM 608W MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 915.686.5799 Ext: 5799	10. Field and Pool, or Explor	ratory		
4. Location of Well (Report location clearly and in accordant	nce with any State requirements.*)	11. Sec., T., R., M., or Blk. a	nd Survey or Area		
At surface SWSE 1020FSL 1675FEL At proposed prod. zone	77237	O Sec 18 T27N R7W M	ler NMP		
14. Distance in miles and direction from nearest town or post o	ffice* DEC 2001	12. County or Parish RIO ARRIBA	13. State NM		
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)	16. No. of Actes in Lease 1000 College 1000	17. Spacing Unit dedicated to	0 0 5 E/4		
<ol> <li>Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.</li> </ol>	19. Proposed Depth 3349 MD	20. BLM/BIA Bond No. on	file		
21. Elevations (Show whether DF, KB, RT, GL, etc. 6575 GL	22. Approximate date work will start	23. Estimated duration			
	24. Attachments				
The following, completed in accordance with the requirements of	Onshore Oil and Gas Order No. 1, shall be attached to t	his form:			
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest Systes SUPO shall be filed with the appropriate Forest Service Off</li> </ol>	4. Bond to cover the operatio Item 20 above). 5. Operator certification	ns unless covered by an existin			
25. Signature	Name (Printed/Typed) VICKI WESTBY		Date 08/14/2001		
Title AUTHORIZED SIGNATURE					
Approved by (Signature) /s/ Joel Farrell	Name (Printed/Typed)		NOV 2 8 2001		
Title	Office				
Application approval does not warrant or certify the applicant ho operations thereon. Conditions of approval, if any, are attached.	lds legal or equitable title to those rights in the subject le	ase which would entitle the ap	plicant to conduct		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, r States any false, fictitious or fraudulent statements or representat	nake it a crime for any person knowingly and willfully to ions as to any matter within its jurisdiction.	o make to any department or ag	ency of the United		
Additional Operator Remarks (see next page)  Electronic Submis	3-7-0   sion #6425 verified by the BLM Well Inform or CONOCO INC., sent to the Farmington	nation System			
For CONOCO INC., sent to the Farmington  Committed to AFMSS for processing by Maurice Johnson on 08/16/2001 ()					

procedural review pursuant to 45 CPR 3185.3 and appeal pursuant to 43 OFR 3165.4.

BURDANING VERBERGORDS TO FERENCED HAS SUBJECT TO BOMPALTINGE WITH ATTACHED "GENERAL REQUIREMENT"

\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\*

Oistrict I PO Box 1980, Hobbs, NM 88241-1980

District II PC Drawer DC, Antesia, NM 88211-0719

District III 1000 Rio Brazos Rd., Aztes, NM 87410

District IV PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe. NM 87504-2088

Form C-102 Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

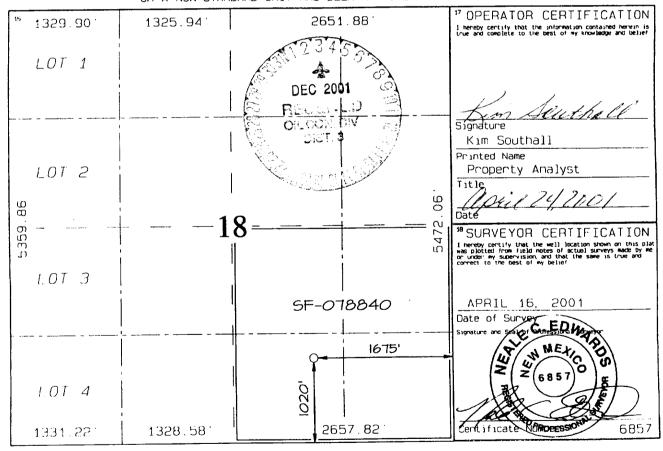
AMENDED REPORT

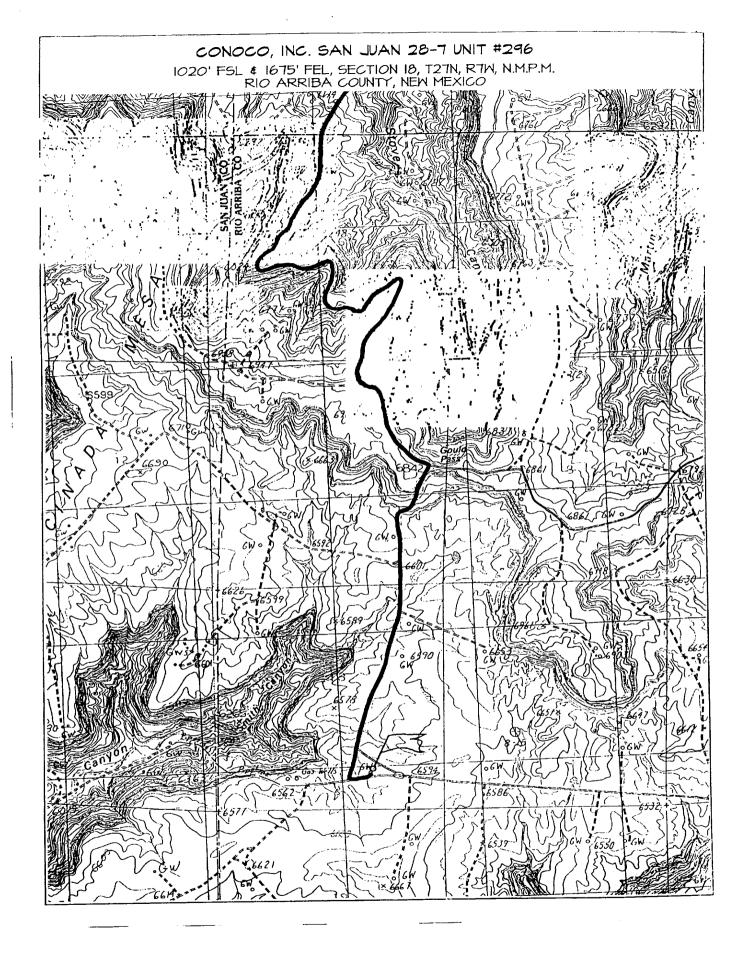
#### WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number	Pool Code	Pool Name	
30-039-76796	72439	BLANCO PICTURED CLIFFS	, SOUTH
'Property Code		operty Name	*Well Number
016608		AN 28-7 UNIT	296
105R10 No.		erator Name	*Elevation
005073		DCO, INC.	6575

<sup>10</sup> Surface Location North/South line East/West line Feet from the Feet from the UL or lot no. RIO 27N 7W 1020 SOUTH 1675 EAST 18 0 ARRIBA From Surface <sup>11</sup>Bottom Hole Location If Different East/West line County North/South line UL or lot no Section Township Lot Idn Feet from the 14 Consolidation Code Dint or Infill 12 Dedicated Acres 160.0 Ačres (SE/4)

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





### PROJECT PROPOSAL - New Drill / Sidetrack

Pool Name

BLANCO P.C. SOUTH (PRORATED GAS)

Pool

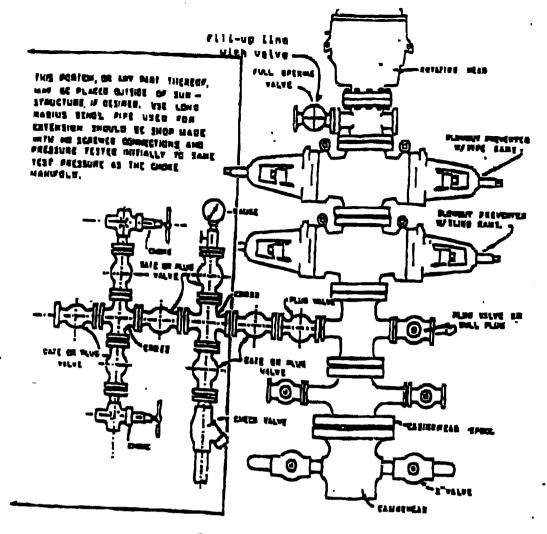
UPT



AFE \$: AFE #: Lease: SAN JUAN 28-7 Well: SAN JUAN 28-7 296 API # : County: State: Rig: Field Name: EAST 28-7 Prod. Engineer: Moody, Craig E. Phone: (281) 293 - 6559 Phone: (281) 293-3591 Geoscientist: Layla Stiles Proj. Field Lead: Phone: Res. Engineer: Valvatne, Christine K. Phone : Primary Objective (Zones):

					and the second of the control of the second
Surface Location:				Y:	Section: 18 Survey: 27N Abstract: 7W
Latitude : 36.568506	Longtitude: -10	7.6124	X:	Υ:	Section: To Guivey: E.M. P. Dentett
Footage X: 1675 FEL	Footage Y: 10	20 FSL	Elevation:	6575 (FT)	
Bottom Hole Location :					
Latitude	Longtitude:		<b>X</b> :	Υ:	Section: Survey: Abstract:
Location Type: Year Ro	ound Start	Date (E	st.):	Compl	letion Date : Date In Operation :
Formation Data: Assum	e KB = 6588	Units =	FT		
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion BHP (Yes/No) (PSIG)	внт	Remarks
Surface Casing	251	6337			Severe lost circulation is possible. 7", 20 ppf, J-55, STC casing. Circulate cement to surface.
OJAM	2255	4333			Possible water flows"
KRLD	2388	4200			
FRLD	2581	4007			Possible gas
PCCF	2950	3638			
Total Depth	3349	3238			4 1/2", 10.5 ppf, J-55, STC casing. Circulate cement a minimum of 100' inside the previous casing string. No open hole logs. Cased hole TDT with GR to surface.

Logging Program :	그 그 그는 그는 그는 그는 그를 가는 하셨다는 경향을 가장 되었다. 생각이 어떻게 되어 되어 되어 어디에 되었다. 그는 그는 그	
Intermediate Logs :	Log only if show GR/ILD Triple Combo	
TD Logs :	! i Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ✔ TDT	
Additional Information :	Logging company to provide a sketch with all lengths, OD's & ID's of all tools prior to running in the hocased hole TDT with GR to surface.	de.
Comments :		



#### BLOWOUT PREVENTER HOCKUP

Drilling contractors used in the San Juan Basing supply 3000 pai equipment, but cannot provide annular preventors because of sub-structure limitations. Maximum enticipated surface pressures for this wall will account the surface pressures for this well will not exceed the working pressure of the proposed BOP aystem. Please see the attached BOP diagram details 2000 psi equipment according to Onshore Order No. 2 even though the aquipment will test to 3000 psi. The 2000 psi system allows delation of the armite manufacture of the armite manufacture. deletion of the annular preventor and fulfills your requirements (note diagram No. 1). In addition, the following equipment will comprise the logo psi system:

- Two rams with one blind and one pipe ram. 2.
- Kill line (2 inch maximum). 3,
- One kill line valve. One choke line valve. 4.
- Two chokes (reference diagram No. 1).
  Upper kelly cock valve with handle. 5. 6.
- Safety valve and subs to fit all drill strings in use. 8. Two-inch minimum choke line.
- 9,
- Pressure gauge on choke manifold. 10.
- Fill-up line above the upper most preventor. Rotating head.

## Cathodic Protection System Description

	<del> </del>	r
Anode Bed Type	Deep Well	
Hole Size	8.	
Hole Depth	200 200,	As required to place anodes below moisture and in low resistance strate.
Surface Casing .	8° Diam., ≥ 20' Length, Cemented In Annular Space	When needed, casing will be installed at an adequate depth to control ground water flow.  Casing will extend a minimum of 2' above grade, be surrounded by a concrete pad, and sealed with a PVC cap.  Steel casing will be substituted when boulders are ancountered.
Vent Pipe	1" Diam. PVC	Vent pipe will extend from bottom of hole, through top of casing cap, and sealed with a 1° perforated PVC cap.
Type Of Anodes	Cast Iron Or Graphite	
Number Of Anodes	B - 20	Sufficient quantity to achieve a total anode bed resistance of <1 ohm and a design life ≥ 20 years.
Anode Bed Backfill	Loresco SW Calcined Petroleum Coke Breeze	Installed from bottom of hole to 10' above top anode.
Anode Junction Box	8 - 20 Circuit Fiberglass Or Metal	Sealed to prevent insect & rodent intrusion.
Current Splitter Box	2 - 5 Circuit Metal	Sealed to prevent insect & rodent intrusion.
DC / AC Cable	DC: #2, #4, #8, #8 Stranded Copper (One Size Or-Any Combination O!) With High Molecular Weight Polyethylens (HMWPE) Insulation.  AC: #8 Stranded Copper HMWPE	18° depth in typical situation, 24° depth in roadway, & 36° depth in arroyo's and streams. EXCEPTION: If tranching is in extremely hard substratum, depth will be 6 - 12° with cable installed in conduit. Installed above foreign pipelines if 1° clearance is available, if not, installed under foreign pipeline with 1° clearance (AC cable always installed under foreign pipeline in conduit).
Pawer Source	1) Rectifier 2) Solar Power Unit 3) Thermoelectric Generator	Choice of power source depending on availability of AC & other economic factors.
External Painting	Color to be selected according to BLM specifications.	Paint applied to any surface equipment associated with the CP system which can reasonably be painted.