Form 3160-5

# UNITED STATES

FORM APPROVED
pet Bureau No. 1004-0135

June 1990)		IENT OF THE INTERIOR BLM MA		MAROUN Expires: March 31, 1993	
		ND MANAGEMENT	( 7 007 07 DV 1-1	5 Lease Designation and Serial No.  SF 078640	
	SUNDRY NOTICES AN	D REPORTS ON WE	LES OUT 27 PM 1. I	6. If Indian. Allottee or Tribe Name	
Do not use this	form for proposals to drill o Use "APPLICATION FOR PI	er to deepen or reentry :	to a different reservoir.	14. 4	
	SUBMIT IN	TRIPLICATE		7. If Unit or CA, Agreement Designation	
1. Type of Well				San Juan 28-7 Unit	
Oil Sas Well	·	8. Well Name and No.			
2. Name of Operator	_			173	
Conoco. Inc		9. API Well No.			
3 Address and Telephone		30-039-20697			
10 Desta Dr		10. Field and from Pt Exploration And Otero Chacra			
1460' FSL &	1030' FEL			11. County or Parish, State	
Sec. 17, T-	•	Rio Arriba			
12 CHECK	APPROPRIATE BOX(s) T	O INDICATE NATUR	E OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF	F SUBMISSION		TYPE OF ACTION		
Notice	of Intent	Abandonment		Change of Plans	
		Recompletion		New Construction	
Subsec	quent Report	Plugging Beck		Non-Routine Fracturing	
		Casing Repair		Water Shut-Off	
Final A	Abandonment Notice	Altering Casis	ng	Conversion to Injection	
		Other		Dispose Water	
	Ì			(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
13. Describe Proposed or C	Completed Operations (Clearly state all pert	tinent details, and give pertinent date	es, including estimated date of starting	any proposed work. If well is directionally drilled.	
give subsurface lo	ocations and measured and true vertical de	opths for all markers and zones per	tiness to this work.)"		
				•	
•			ha sttschad aracad	uro and	
It is propose	ed to P&A this wellbo	re according to the	ue arraciien bioren	ui E aliu	

wellbore diagram.

OIL COM. DIV. Dist. 3

14. I hereby restrify that the foregoing is true and correct Signed	Tide _	Sr. Conservation C	oordinator	Date10/25/95			
(This space for Federal or State office use)  Approved by Conditions of approval, if any:	Tide _		APPRO				
Tide 18 U.S.C. Section 1001, makes it a crime for any person knows or represensations as to any matter within its jurisdiction.	ngly and willfi	NMOCD  NITY to make to any department og/age-	DISTRACTOR OF THE PROPERTY OF	<b>_</b>			
or representation to the state of the state							

## PLUG & ABANDONMENT PROCEDURE

10-23-95

or and the second

San Juan 28-7 Unit #173
Pictured Cliffs / Chacra Dual
SE Section 17, T-27-N, R-7-W
Rio Arriba Co., New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

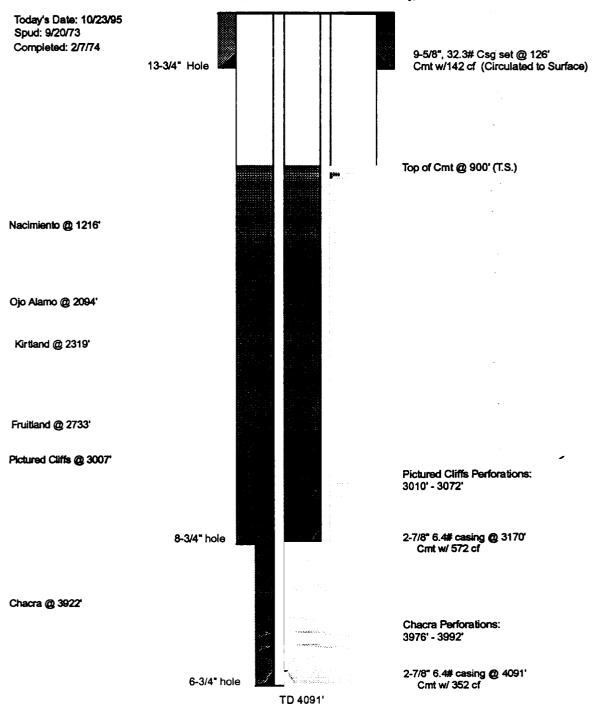
- Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and Conoco safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and install cementing valve.
- Open bradenhead valve. Establish rate down 2-7/8" Chacra casing with 20 bbls water, record pump rate and pressure. Monitor bradenhead for flow. If no flow or blow, then pump 4 7/8" RCN balls in additional water and monitor pressure, rate and volumes pumped, to confirm perforations are taking water and there is not a Chacra casing leak. Establish rate down 2-7/8" Pictured Cliffs casing with 20 bbls water and repeat pump in procedure (10 balls). If the test results indicate there is not a PC casing leak then bullhead cement.
  - \* If the bradenhead flows water or there are other indications of a casing leak, then use 1-1/4" tubing workstring to plug that casing string.
- 3. Plug #1 in Chacra Casing: (Chacra perforations, Pictured Cliffs, Fruitland, Kirtland, Ojo Alamo and Nacimiento tops, 3992' Surface): Establish rate into perforations with water. Mix and pump 129 sxs Class B cement (20 % excess) and bullhead cement down 2-7/8" casing to 3992', displace to surface with water. Shut in well and WOC.
- 4. Plug #2 in Pictured Cliffs Casing: (Pictured Cliffs perforations, Fruitland, Kirtland, Ojo Alamo and Nacimiento tops, 3072' 500'): Establish a rate into perforations with water. Mix and pump 84 sxs Class B cement (20 % excess) and bullhead cement down 2-7/8" casing to 3072'; displace cement with water to 500'. Shut in well and WOC.
  - Tag cement tops in both casing strings with wireline. Pressure test casings to 500#.
- Plug #3 in Pictured Cliffs Casing (Surface): Perforate 2 squeeze holes at 176'.
   Establish circulation out bradenhead valve. Mix approximately 67 sxs Class B cement and pump down 2-7/8" casing, circulate good cement out bradenhead valve.
   Fill Chacra casing if necessary. Shut in well and WOC.
- 6. Cut off wellhead below surface casing. Install P&A marker to comply with regulations. Cut off anchors, and restore location.

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# San Juan 28-7 Unit #173

#### Pictured Cliffs / Chacra Dual

SE Section 17, T-27-N, R-7-W, Rio Arriba County, NM

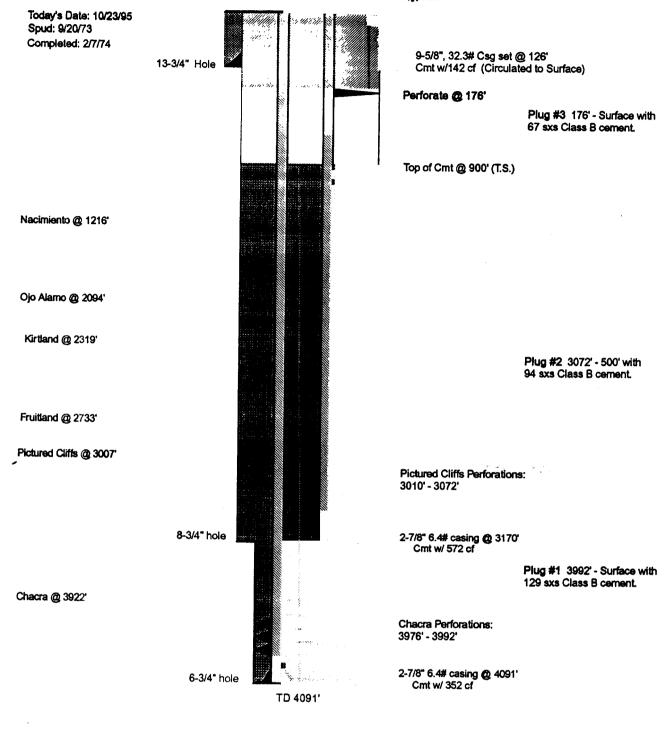


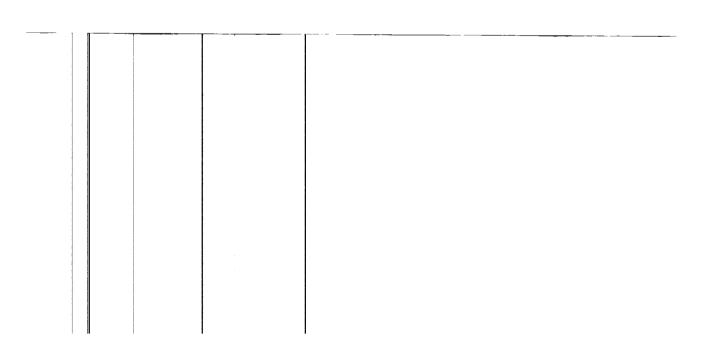
# San Juan 28-7 Unit #173

## Proposed P & A

# Pictured Cliffs / Chacra Dual

SE Section 17, T-27-N, R-7-W, Rio Arriba County, NM





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