Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB 1004-0135
Expires: November 30, 2000

2 i i i i

5.	Lease Serial No.			
•	NM-16447			

						6. If Indian, Allottee or	Tribe Name
=	Do not use this fo abandoned well	orm for proposals I. Use Form 3160-	to drill or to d 3 (APD) for st	deepen or to re-ent uch proposals.	eran 00 DE	C 13 All: 22	,
	SUBMIT IN TRIPLICATE – Other Instructions on reverse side 7. If Unit or CA/Agreement, Name and/or No.					nent, Name and/or No.	
1. 2. 3a.	Type Of Well Oil Well Gas W Name Of Operator CONOCO INC. Address P.O. Box 2197, DU 30 Houston, TX 77252-2 Location Of Well (Footage, Sec. 790' FSL - 890' FV	2197 ., T., R., M., or Survey De	3b. Phone No. (ii (281) 293-10	include area codal		11. County Or Parish, St	81 Exploratory Area ICTURED CLIFFS late
	12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA						
	YPE OF SUBMISSION	TYPE OF ACTION					
	Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repa Change Plan Convert to In	s 🗵	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Reclama Recompl	ete rily Abandon	Water Shut-off Well Integrity Other:

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or Recompletion in a new interval, a Form 3160-4 operator has determined that the site is ready for final inspection.)

PLEASE REFER TO ATTACHED PLUG AND ABANDONMENT REPORT PROVIDED BY A-PLUS WELL SERVICE.

14. I hereby certify that the foregoing is true and correct						
Name (Printed / Typed):	Title Agent for Conoco Inc.					
DEBRA SITTNER						
Signature Delna attner	Date 12/12/00					
THIS SPACE FOR FEDERAL OR STATE OFFICE USE						
Approved by /s/ Brian W. Davis	Landsand Mineral Resources Date JAN 1 1 2001					
Conditions of approval, if any are attached. Approval of this notice does not warrant as audit						
that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	d Office					
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any cores to a visit in the section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any cores to a visit in the section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any cores to a visit in the section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any cores to a visit in the section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any cores to a visit in the section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any cores to a visit in the section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any cores to a visit in the section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any cores to a visit in the section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any cores to a visit in the section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any cores to a visit in the section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any cores to a visit in the section 1001 and 1001 an						

Title 10 U.S.C. Section 1001 and Little 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the Unites States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979 Farmington, New Mexico 87499 505-325-2627 * FAX: 505-325-1211

Conoco Inc.

December 1, 2000

Page 1 of 1

Cougar #1

790' FSL & 890' FWL, Section 19, T-25-N, R-1-W

Rio Arriba County, NM

Lease No. NM-16447, API No. 30-039-20781

Plug & Abandonment Report

Cementing Summary:

Plug #1 with CIBP at 3518', spot 20 sxs Class B cement inside casing above up to 3255' to isolate Pictured Cliffs perforations and to cover through Ojo Alamo top.

Plug #2 with retainer at 1890', mix 52 sxs Class B cement; squeeze 39 sxs outside from 1949' to 1849' and leave 13 sxs inside casing to cover Nacimiento top.

Plug #3 with 60 sxs Class B cement down 4-1/2" casing from 145' to surface, circulate 1 bbl good cement out bradenhead valve.

Plugging Summary:

Notified Cuba BLM on 11/22/00

- 11-28 Road rig to highway and remove chains. Drive to lease road and chain up rig. MOL. Held JSA meeting. RU rig. Open up well and blow down 120# tubing and casing pressure to 20#. Pump 20 bbls water tubing to kill well. ND wellhead and strip on 4-1/2" x 8-5/8" wellhead and NU BOP, test. Prep to pull 1-1/4" IJ tubing.
- 11-29 Attend Company Safety Meeting at Safety Alliance on respiratory protection. Held JSA on location. Open up well and blow down 40# casing pressure and tubing pressure. TOH and tally 109 joints 1-1/4" IJ tubing, total 3597'. RU A-Plus wireline truck and round-trip 4-1/2" gauge ring to 3518'. Set 4-1/2" PlugWell CIBP at 3518'. TIH with tubing and tag CIBP at 3518'. Load casing with 60 bbls water and circulate well clean. Pressure test casing to 500# for 5 min, held OK. Plug #1 with CIBP at 3518', spot 20 sxs Class B cement inside casing above up to 3255' to isolate Pictured Cliffs perforations and to cover through Ojo Alamo top. TOH with tubing. Perforate 3 HSC squeeze holes at 1949'. Establish rate into squeeze holes 2 bpm at 800#. Set 4-1/2" wireline retainer at 1890'. TIH with tubing and sting into retainer. Shut in well and SDFD.
- JSA meeting. Sting out of retainer and load casing with 1 bbl; sting back in and establish rate into squeeze holes 2 bpm at 800#. Plug #2 with retainer at 1890', mix 52 sxs Class B cement; squeeze 39 sxs outside from 1949' to 1849' and leave 13 sxs inside casing to cover Nacimiento top. TOH and LD tubing. Perforate 3 HSC squeeze holes at 145'. Establish circulation out bradenhead with 3 bbls water. Plug #3 with 60 sxs Class B cement down 4-1/2" casing from 145' to surface, circulate 1 bbl good cement out bradenhead valve. Shut in well and WOC. ND BOP and dig out wellhead. RD rig and float handrails. Cut off wellhead and found cement down 20' in 4-1/2" casing and at surface in annulus. Mix 12 sxs Class B cement to fill casing and install P&A marker. Move off location.

BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work can be submitted with a Sundry Notice. Questions? Call Pat Hester at (505) 761-8786.

- 1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location. Non-retrieved flowlines and pipelines will be abandoned in accordance with State Rule 714. Information supporting the non-retrieval will be included in the subsequent report or final abandonment Sundry Notice.
- 2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils can be remediated on-site according to these guidelines or disposed of in a an approved facility.
- 3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" in depth before reseeding.
- 4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to deter vehicle travel. Access will be ripped to a minimum of 12" in depth, water barred and reseeded. All erosion problems created by the development must be corrected prior to acceptance of release. Water bars should be spaced as shown below along the fall line of the slope:

% Slope	Spacing Interval		
Less than 20%	200'		
2 to 5 %	150'		
6 to 9 %	100'		
10 to 15 %	50'		
Greater than 15%	30'		

- 5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required). Seed mix must be certified weed free to avoid the introduction of noxious weeds. Refer to the original APD for seed mix.
- 6. Notify Surface Managing Agency seven (7) days prior to seeding so that they may be present to witness.
- 7. The period of liability under the bond of record will not be terminated until the well is inspected and the surface rehabilitation approved.

Other Surface Managing Agencies (SMA's) may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us.

On private land, a letter from the fee owner stating that the surface restoration is satisfactory will be provided to the office. Questions? Call Pat Hester at (505) 761-8786.