

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>CONT 100</b>
2. Name of Operator <b>CONOCO, INC.</b>		6. If Indian, Allottee or Tribe Name <b>JICARILLA</b>
3a. Address <b>P.O. BOX 2197 DU 3066 HOUSTON, TX 77252</b>	3b. Phone No. (include area code) <b>(281)293-1005</b>	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1190' FNL &amp; 990' FWL D, SEC.32 T26N R3W</b>		8. Well Name and No. <b>JICARILLA D #1</b>
		9. API Well No. <b>30-039-06236</b>
		10. Field and Pool, or Exploratory Area <b>TAPACITO PICTURED CLIFFS</b>
		11. County or Parish, State <b>RIO ARRIBA NM</b>

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Conoco proposes to plug and abandon this well using the attached procedure.  
Also attached is a before and after wellbore schematic.



*Submit Temp Survey copy*

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) <b>DEBORAH MARBERRY</b>	Title <b>REGULATORY ANALYST</b>
Signature <i>Deborah Marberry</i>	Date <b>09/22/2000</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by <b>/s/ Brian W. Davis</b>	Title <b>Lands and Mineral Resources</b>	Date <b>OCT 24 2000</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

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 representations as to any matter within its jurisdiction.

## PLUG AND ABANDONMENT PROCEDURE

9/15/00

### Jicarilla D #1

Tapacito Pictured Cliffs

1190' FNL, 990' FWL, Section 32, T26N, R3W

Rio Arriba County, New Mexico

Long N 36° 26.8' / Lat W 107° 10.4'

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.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOC, BLM, and Conoco safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH and tally 125 joints 2-3/8" 4.7 # J-55 tubing (3805'). Round-trip 7" gauge ring or casing scraper to 3750'.
3. **Plug #1 (Pictured Cliffs interval and Fruitland top, 3750' – 3365')**: Set 7" wireline CIBP at 3750'. TIH with open ended tubing and tag CIBP. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. Mix 84 sxs Class B cement and spot a balanced plug inside casing above the CIBP to isolate the Pictured Cliffs interval and to cover Fruitland, Kirtland and Ojo Alamo tops. TOH with tubing. If casing leaks before setting plug, then increase cement to 100 sxs.
4. **Plug #2 (Nacimiento top, 1655' – 1555')**: Perforate 3 HSC squeeze holes at 1655'. Establish rate into squeeze holes if casing tested. Set 7" cement retainer at 1605'. Establish rate into squeeze holes. Mix 55 sxs Class B cement, squeeze 26 sxs cement outside 7" casing and leave 29 sxs cement inside casing to cover Nacimiento top. TOH and LD tubing.
5. **Plug #3 (9-5/8" Surface casing shoe, 251' - Surface)**: Perforate 3 HSC squeeze holes at 251'. Establish rate out bradenhead valve. Mix and pump approximately 120 sxs Class B cement down 7" casing and circulate good cement out bradenhead valve. Shut well in and WOC.
6. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

# Jicarilla D #1

Current

Tapacito Pictured Cliffs

NW, Section 32, T-26-N, R-3-W, Rio Arriba County, NM

Long N 36° 26.8' / Lat W 107° 10.4'

Today's Date: 9/15/00

Spud: 5/24/54

Completed: 7/1/54

Elevation: 7204' (GL)  
7213' (KB)

14-3/4" hole

9-5/8" 36# H-40 Csg set @ 201'  
Cmt w/ 120 sxs (Circulated to Surface)

Nacimiento @ 1605'

2-3/8" Tubing Set at 3805'  
(125 joints, EUE)

TOC @ 2355' (T.S.)

*No Record of  
Temp Survey  
(calc Top @ 2711 (100%))*

Ojo Alamo @ 3415'

Kirtland @ 3530'

Fruitland @ 3605'

Pictured Cliffs @ 3820'

8-7/8" hole

7" 20#, J-55 Casing set @ 3801'  
Cemented with 150 sxs

6-1/4" hole

PBTD 3844'

Pictured Cliffs Open Hole:  
3844' - 3818'

TD  
3884'

# Jicarilla D #1

## Proposed P&A

Tapacito Pictured Cliffs

NW, Section 32, T-26-N, R-3-W, Rio Arriba County, NM

Long N 36° 26.8' / Lat W 107° 10.4'

Today's Date: 9/15/00

Spud: 5/24/54

Completed: 7/1/54

Elevation: 7204' (GL)  
7213' (KB)

14-3/4" hole

9-5/8" 36# H-40 Csg set @ 201'  
Cmt w/ 120 sxs (Circulated to Surface)

Perforate @ 251'

Plug #3 251' - Surf  
Cmt with 120 sxs Class B

Nacimiento @ 1605'

Cmt Retainer @ 1605'

Perforate @ 1655'

Plug #2 1655' - 1555'  
Cmt with 55 sxs Class B,  
26 sxs outside casing  
and 29 sxs inside.

TOC @ 2355' (T.S.)

Ojo Alamo @ 3415'

Plug #1 3750' - 3365'  
Cmt with 84 sxs Class B

Kirtland @ 3530'

Fruitland @ 3605'

Set CIBP @ 3750'

Pictured Cliffs @ 3820'

8-7/8" hole

7" 20#, J-55 Casing set @ 3801'  
Cemented with 150 sxs

6-1/4" hole

PBTD 3844'

Pictured Cliffs Open Hole:  
3844' - 3818'

TD  
3884'

## CONDITION OF APPROVAL FOR PLUGGING AND ABANDONMENT

Submittal of log section of temperature survey is required for the following wells in order to verify cement top indicated on production string. Our records do not reflect that temperature surveys were ran on these wells so verification is required.

1. Jicarilla D 4  
API No. 30-039-06301  
1950' FSL & 990' FEL  
Section 30, T. 26 N., R. 3 W.
2. Jicarilla D 6  
API No. 30-039-06238  
990' FNL & 1650' FWL  
Section 31, T. 26 N., R. 3 W.
3. Jicarilla D 1  
API No. 30-039-06236  
1190' FNL & 990' FWL  
Section 32, T. 26 N., R. 3 W.

Rio Arriba County, New Mexico

Please direct question to Brian Davis @ 505.761.8756 or [Brian\\_Davis@blm.gov](mailto:Brian_Davis@blm.gov), Thank you for your assistance.

## 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 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.