

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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.*

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

~~SP-46187~~ JIC 34

6. If Indian, Allottee or Tribe Name

JICARILLA APACHE

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

JICARILLA "C" #1

9. API Well No.

30-039-05916

10. Field and Pool, or Exploratory Area

11. County or Parish, State

RIO ARRIBA, NM

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

TEXACO EXPLORATION & PRODUCTION

3a. Address

3300 N. BUTLER FARMINGTON, NM

3b. Phone No. (include area code)

505-325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1650' FSL, 990' FEL ↗

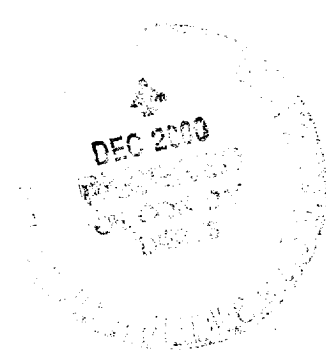
SECTION 22, T-25N, R-05W

**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 recomplete horizontally, give subsurface locations and 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 recompletion 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.)

TEXACO EXPLORATION & PRODUCTION INTENDS TO PLUG AND ABANDON THE ABOVE WELL AS PER PROCEDURES ATTACHED.



14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Nathan Crawford

Title

P&A Supervisor

Signature

Nathan Crawford for Mark Kellum

Date

11-29-00

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

Approved by

/s/ Brian W. Davis

Lands and Mineral Resources

Date DEC 20 2000

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

## PLUG AND ABANDONMENT PROCEDURE

JICARILLA C #1  
DAKOTA  
SEC. 22, T25N, R05W  
RIO ARRIBA, NEW MEXICO

NOTE: ALL CEMENT VOLUMES USE 100% EXCESS OUTSIDE PIPE AND 50 FT. EXCESS INSIDE PIPE. THE STABILIZING WELLBORE FLUID WILL BE 8.3 ppg, SUFFICIENT TO BALANCE ALL EXPOSED FORMATION PRESSURES.

1. INSTALL AND TEST RIG ANCHORS. PREPARE BLOW PIT. COMPLY WITH ALL BLM, STATE AND TEXACO E&P SAFETY RULES AND REGULATIONS. MOL AND RU DAYLIGHT PULLING UNIT. CONDUCT SAFETY MEETING FOR ALL PERSONNEL ON LOCATION. NU RELIEF LINE TO BLOW DOWN WELL; KILL WITH WATER AS NECESSARY.
2. ND WELLHEAD AND NU BOP. POH AND STRAP OUT WITH 7088' OF 2 3/8" TBG. RIH WITH WIRELINE GAUGE RING TO 7100'. POH. PU AND RIH WITH 5 1/2" CIBP AND SET AT 7060'. POH. RIH WITH TBG AND TAG CIBP AT 7060'. CIRCULATE HOLE CLEAN AND PRESSURE TEST CASING TO 500 PSI.
3. **PLUG #1 (DAKOTA, 6960' - 7060')**: BALANCE 12 SX CL. G CEMENT PLUG ON TOP OF CIBP. PUH TO 6446'.
4. **PLUG #2 (GALLUP, 6346' - 6446')**: BALANCE 17 SX CL. G CEMENT PLUG INSIDE CASING. POH.
5. **PLUG #3 (CLIFFHOUSE, 4487' - 4587')**: RIH WITH WIRELINE AND PERFORATE SQUEEZE HOLES AT 4587'. PU AND RIH WITH 5 1/2" RETAINER AND SET AT 4537'. ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MIX 62 SX CL. G CEMENT PLUG, PLACING 50 SX BELOW AND 12 SX ABOVE RETAINER. POH.
6. **PLUG #4 (CHACRA, 3744' - 3844')**: RIH WITH WIRELINE AND PERFORATE SQUEEZE HOLES AT 3844'. PU AND RIH WITH 5 1/2" RETAINER AND SET AT 3794'. ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MIX 62 SX CL. G CEMENT PLUG, PLACING 50 SX BELOW AND 12 SX ABOVE RETAINER. POH.
7. **PLUG #5 (FRUITLAND, PICTURED CLIFFS, 2705' - 2936')**: RIH WITH WIRELINE AND PERFORATE SQUEEZE HOLES AT 2936'. PU AND RIH WITH 5 1/2" RETAINER AND SET AT 2886'. ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MIX 145 SX CL. G CEMENT PLUG, PLACING 118 SX BELOW AND 27 SX ABOVE RETAINER. POH.
8. **PLUG #6 (OJO ALAMO, 2030' - 2130')**: RIH WITH WIRELINE AND PERFORATE SQUEEZE HOLES AT 2130'. PU AND RIH WITH 5 1/2" RETAINER AND SET AT 2130'. ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MIX 62 SX CL. G CEMENT PLUG, PLACING 50 SX BELOW AND 12 SX ABOVE RETAINER. POH.
9. **PLUG #7 (NACIMIENTO, 720' - 820')**: RIH WITH WIRELINE AND PERFORATE SQUEEZE HOLES AT 820'. PU AND RIH WITH 5 1/2" RETAINER AND SET AT 720'. ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MIX 62 SX CL. G CEMENT PLUG, PLACING 50 SX BELOW AND 12 SX ABOVE RETAINER. POH.
10. **PLUG #8 (SURFACE, SHOE, 0' - 421')**: RIH WITH WIRELINE AND PERFORATE SQUEEZE HOLES AT 421'. HOOK ONTO CASING VALVE AND ESTABLISH CIRCULATION TO SURFACE OUT THE BRADON HEAD WITH WATER. MIX APPROXIMATELY 302 SX CL. G CEMENT TO CIRCULATE GOOD CEMENT TO SURFACE.
11. ND BOP, DIG CELLAR, AND CUT OFF WELL HEAD BELOW SURFACE CASING FLANGE. INSTALL DRY HOLE MARKER. RD, MOL AND CUT OFF ANCHORS. RESTORE LOCATION PER STATE AND BLM STIPULATIONS.

JICARILLA C #21  
CURRENT  
SEC. 22, T25N, R05W  
RIO ARRIBA, NM  
DAKOTA

TODAYS DATE: 11-29-00

SHOE @ 371'

NACIMIENTO @ 770'

OJO ALAMO @ 2080'

FRUITLAND @ 2755'  
PICTURED CLIFF @ 2886'

CHACRA @ 3794'

CLIFFHOUSE @ 4537'

GALLUP @ 6396'

DAKOTA @ 7092'

13 3/8", 48# SET @ 371'  
CMT W/ 350 SX, CIRCULATED

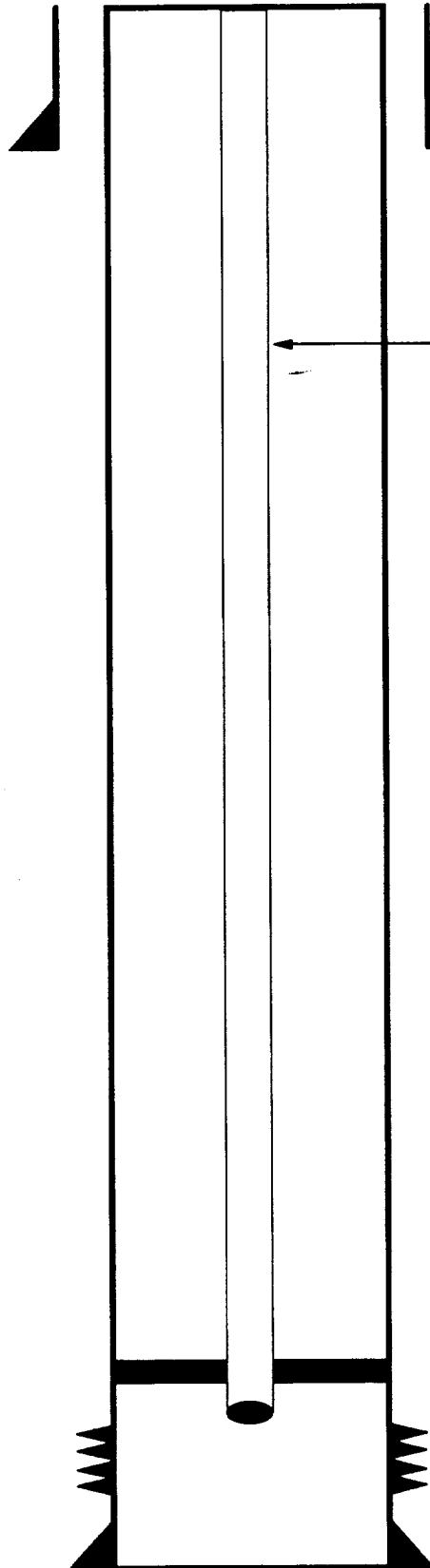
2 3/8" TO 7088' W/ PKR

8 3/4" OH

TOC @ 5225' BY TEMP. SURVEY

PERFORATIONS @ 7110' - 7133'

5 1/2", 15.50#, 17# SET @ 7485'  
CMT W/ 400 SX



**JICARILLA C #21**  
PURPOSED  
SEC. 22, T25N, R05W  
RIO ARRIBA, NM  
DAKOTA

TODAYS DATE: 11-29-00

SHOE @ 371'

NACIMIENTO @ 770'

OJO ALAMO @ 2080'

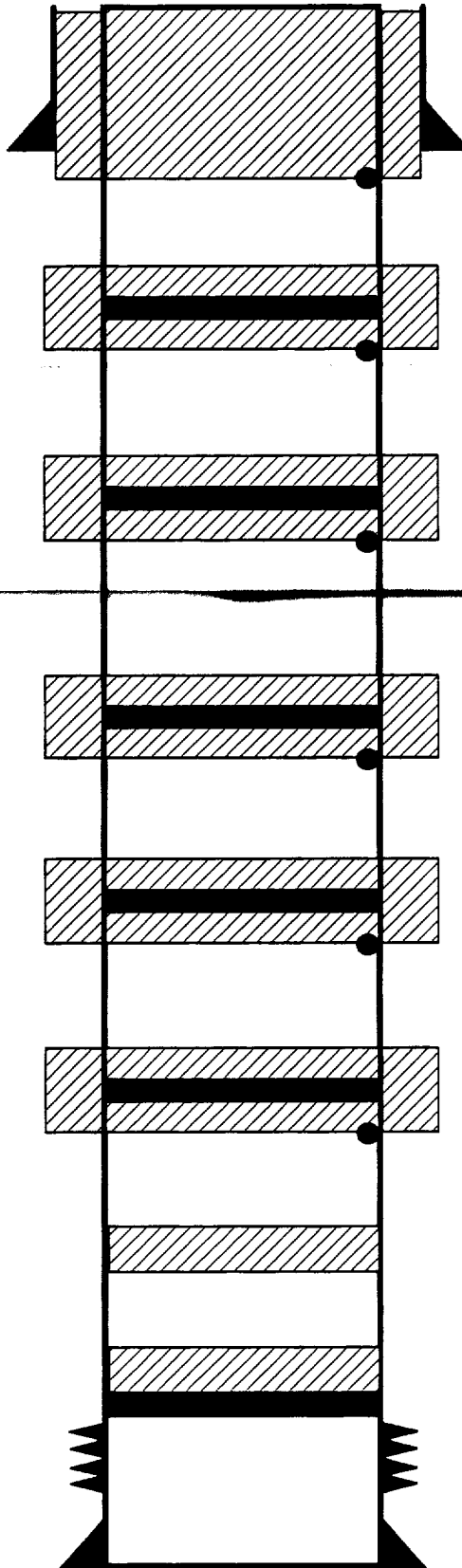
FRUITLAND @ 2755'  
PICTURED CLIFF @ 2886'

CHACRA @ 3794'

CLIFFHOUSE @ 4537'

GALLUP @ 6396'

DAKOTA @ 7092'



**PLUG #8 (0' - 421'), CMT W/ 302 SX**

13 3/8", 48# SET @ 371'  
CMT W/ 350 SX, CIRCULATED  
PERFORATE @ 421'

**PLUG #7 (720' - 820'), CMT W/ 62 SX  
RETAINER @ 770'**

PERFORATE @ 820'

**PLUG #6 (2030' - 2130'), CMT W/ 62 SX  
RETAINER @ 2130'**

PERFORATE @ 2130'

8 3/4" OH

**PLUG #5 (2705' - 2936'), CMT W/ 145 SX  
RETAINER @ 2886'**

PERFORATE @ 2936'

**PLUG #4 (3744' - 3844'), CMT W/ 62 SX  
RETAINER @ 3794'**

PERFORATE @ 3844'

**PLUG #3 (4487' - 4587'), CMT W/ 62 SX  
RETAINER @ 4537'**

PERFORATE @ 4587'  
TOC @ 5225' BY TEMP. SURVEY

**PLUG #2 (6346' - 6446'), CMT W/ 17 SX**

**PLUG #1 (6960' - 7060'), CMT W/ 12 SX  
CIBP @ 7060'**

PERFORATIONS @ 7110' - 7133'

5 1/2", 15.50#, 17# SET @ 7485'  
CMT W/ 400 SX

## 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.