

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.

CONTRACT #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 #21

9. API Well No.

30-039-05819

10. Field and Pool, or Exploratory Area

OTERO GALLUP

11. County or Parish, State

RIO ARriba, NEW MEXICO

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

TEXACO EXPLORATION & PRODUCTION

3a. Address

87401

3b. Phone No. (include area code)

(505) 325-4397

3300 N. BUTLER AVE, FARMINGTON, NM

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

UNIT LETTER J, 1980' FSL, 1980' FEL

SECTION 28, T-25N, R-05W

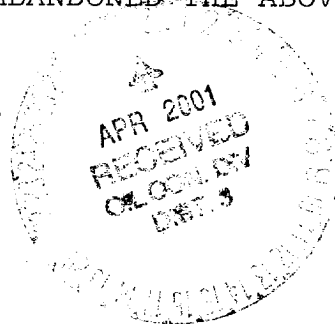
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 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 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.)

TEXACO EXPLORATION & PRODUCTION PLUGGED AND ABANDONED THE ABOVE WELL AS PER PROCEDURES APPROVED ON 12-2000.

SEE ATTACHED REPORT FOR DETAILED INFORMATION.



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

NATHAN E. CRAWFORD

Title P&A SUPERVISOR

Signature

Nathan E. Crawford For David Sees

Date

4-9-01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Brian W. Davis

Lands and Mineral Resources

Date

APR 24 2001

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 and Title 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 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Key Energy Services, Inc.

Four Corners Division
5651 US Highway 64
P.O. Box 900
Farmington, NM 87499

Phone: 505-327-4935
Fax: 505-327-4962

**PLUG & ABANDON
CEMENT SERVICE REPORT**

WELL NAME: JICARILLA C #21
DATE STARTED: 3-28-01
DATE COMPLETED: 4-06-01

TOTAL PLUGS SET: 7
TOTAL SACKS USED: 423
BLM WITNESS: E. ELOTTE
OPERATOR WITNESS: N/A

MOL AND RU RIG. ND WELLHEAD AND NU BOP. TEST BOP. RELEASE PACKER AND STRAP-ED OUT WITH 5967.74' OF 2 3/8" TBG.

PLUG #1 (GALLUP, 5874' – 5974'), RIH WITH 5 1/2" CIBP AND SET AT 5974'. RIH WITH WORKSTRING AND TAGGED CIBP. CIRCULATED HOLE WITH WATER. MIXED 11 SX CL. B CEMENT PLUG AND BALANCED ON TOP OF CIBP. POH.

PLUG #2 (MESAVERDE, 4203' – 4303'), RIH WITH WIRELINE AND PERFORATED SQUEEZE HOLES AT 4303'. PU AND RIH WITH 5 1/2" RETAINER AND SET AT 4255'. ESTABLISHED INJECTION RATE INTO PERFORATIONS AT 0 PSI WITH 1500 PSI. **BLM APPROVED CHANGE IN PROCEDURES.** MIXED 22 SX CL. B CEMENT PLUG AND PLACED 10 SX BELOW AND 12 SX ABOVE RETAINER, SQUEEZING PERFORATIONS TO 1600 PSI. PUH TO 3563'.

PLUG #3 (CHACRA (3460' – 3563'), CIRCULATED HOLE WITH WATER AND ATTEMPTED TO PRESSURE TEST CASING TO 500 PSI, CASING DID NOT TEST. BALANCED 17 SX CL. B CEMENT PLUG INSIDE CASING. PUH AND REVERSED TUBING CLEAN. WOC, TAGGED TOC AT 3385'. PUH TO 2708'.

PLUG #4 (KIRTLAND, 2300' – 2708'), ATTEMPT TO PRESSURE TEST CASING, CASING DID NOT TEST. BALANCED 53 SX CL. B CEMENT W/ 2% CaCl INSIDE CASING. POH AND WOC. TAGGED TOC AT 2304'.

PLUG #5 (OJO ALAMO, 1864' – 1964'), RIH WITH WIRELINE AND PERFORATED SQUEEZE HOLES AT 1964'. PU AND RIH WITH 5 1/2" RETAINER AND SET AT 1917'. MIXED 58 SX CL. B CEMENT PLUG AND PLACED 46 SX BELOW AND 12 SX ABOVE RETAINER, SQUEEZING TO 1200 PSI. POH.

PLUG #6 (NACIMIENTO, 550' – 650'), RIH AND PERFORATED SQUEEZE HOLES AT 650'. PU AND RIH WITH 5 1/2" RETAINER AND SET AT 600'. MIXED 58 SX CL. B CEMENT PLUG AND PLACED 46 SX BELOW AND 12 SX ABOVE RETAINER. POH.

PLUG #7 (SURFACE, SHOE, 0' – 356'), ATTEMPTED TO PRESSURE TEST CASING, CASING DID NOT TEST. RIH WITH WIRELINE AND PERFORATED SQUEEZE HOLES AT 356'. PU AND RIH WITH 5 1/2" RETAINER AND SET AT 315'. ESTABLISHED CIRCULATION TO SURFACE OUT THE BRADON HEAD WITH WATER. MIXED 144 SX CL. B CEMENT TO CIRCULATE GOOD CEMENT TO SURFACE OUT THE BRADON HEAD. STUNG OUT OF RETAINER AND MIXED 40 SX CL. B TO CIRCULATE GOOD CEMENT TO SURFACE INSIDE THE CASING. POH.

RD FLOOR, ND BOP AND DUG CELLAR. CUT OFF WELLHEAD AND TOPPED OFF CASINGS WITH 20 SX CL. B CEMENT. INSTALLED DRY HOLE MARKER. RD RIG AND MOL.


NATHAN E. CRAWFORD
P&A SUPERVISOR

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.

