

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.**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
CONOCO INC.

Contact: DEBORAH MARBERRY  
E-Mail: deborah.moore@usa.conoco.com

3a. Address  
P.O. BOX 2197 DU 3066  
HOUSTON, TX 77252

3b. Phone No. (include area code)  
Ph: 281.293.1005  
Fx: 281.293.5466

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 12 T25N R5W NWNW 960FNL 790FWL

5. Lease Serial No.  
CONT 145

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
JICARILLA K 16

9. API Well No.  
30-039-20428

10. Field and Pool, or Exploratory  
BLANCO MESAVERDE / *OKOTA*

11. County or Parish, and State *Chisera*  
SAN JUAN COUNTY, NM

**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.)

This well was plugged as per the attached daily reports.

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

**Electronic Submission #12027 verified by the BLM Well Information System  
For CONOCO INC., sent to the Rio Puerco  
Committed to AFMSS for processing by Angle Medina-Jones on 06/13/2002 ( )**

Name (Printed/Typed) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 06/13/2002

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

Approved By

Title

Date

*6-17-02*

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. *Swale*

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

*Surface restoration attached -*

# **A-PLUS WELL SERVICE, INC.**

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

1211

**Conoco Inc.**

**Jicarilla K #16**

960' FSL & 790' FWL, Section 12, T-25-N, R-5-W

Rio Arriba County, NM

Jicarilla Contract Number 145

API Number: 30-039-20428

May 31, 2002

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## **Plug & Abandonment Report**

### **Cementing Summary:**

**Plug #1** with 101 sxs cement pumped down the 2-7/8" tubing: filled Mesaverde perforations with 69 sxs below packer at 5246', and left 32 sxs inside tubing up to 4100' to isolate the Chacra perforations, final squeeze pressure of 1000#.

**Plug #2** with 12 sxs cement inside the 4-1/2" casing from 3925' to 3767' to isolate the Chacra perforations and to cover the tubing stub.

**Plug #2a** with 12 sxs cement with 2% CaCl<sub>2</sub> inside casing from 3901' to 3743'.

**Plug #2b** spot 12 sxs cement from 3828' to 3670'.

**Plug #3** with 75 sxs cement inside casing from 3363' to 2374' to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops.

**Plug #4** spot 24 sxs cement inside casing from 1935' to 1619' to cover Nacimiento top.

**Plug #5** with 92 sxs cement pumped down the 4-1/2" casing from 390' to surface, circulate good cement out bradenhead.

### **Plugging Summary:**

Notified Cuba BLM on 5/17/02

**5-17-02** Held JSA. MOL. RU. Layout relief line to pit. Blow down 760# tubing pressure and 20# casing pressure. Attempt to recover piston in tubing. No confirmation as to whether piston had been pulled from well. Shut in well. SDFD.

**5-20-02** Held JSA. Open up well and blow down 680# tubing pressure and 20# casing pressure. RU A-Plus wire line truck. Round-trip 1-11/16" gauge ring to 5242'. Found tubing patch at 4096' to 4099'. Pump 27 bbls water down tubing, caught pressure. Establish rate 2-1/2 bum at 750#. Pump total of 40 bbls of water, tubing on a vacuum. Wait on L&R to dig wash pit. Plug #1 with 101 sxs cement pumped down the 2-7/8" tubing: filled Mesaverde perforations with 69 sxs below packer at 5246', and left 32 sxs inside tubing up to 4100' to isolate the Chacra perforations, final squeeze pressure of 1000#. Shut in tubing and WOC. SDFD.

**5-21-02** Held JSA. Open up well and blow down 80# tubing pressure. RIH with 2.25 wire line gauge ring and tag cement at 3931' in 2-7/8" casing. A. Yepa, BLM, approved tag. ND wellhead. NU BOP and test. RIH with 2-1/4" tubing cutter and jet cut tubing at 3925'. TOH and LD 3 joints 2-7/8" tubing. Too windy to continue to work. Shut in well and SDFD.

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### **Plug & Abandonment Report**

#### **Plugging Summary Continued:**

**5-22-02** Held JSA. Open up well, no pressure. With the EOT at 3930', close the casing valve, then pump 20 bbls of water down tubing. Attempt to pressure test the casing, establish a rate of  $\frac{1}{2}$  bpm at 750#. TOH and tally 125 joints 2-7/8" EUE tubing with 1 21' cut off piece, total 3899'. Change over to 2-3/8" tubing. Pressure test BOP and record chart. Tally and PU 2-3/8" tubing. TIH and tag the 2-7/8" tubing stub at 3925'. Circulate the well clean with 5 bbls of water. Plug #2 with 12 sxs cement inside the 4-1/2" casing from 3925' to 3767' to isolate the Chacra perforations and to cover the tubing stub. PUH and WOC. Shut in well. SDFD.

**5-23-02** Held JSA. TIH with tubing and tag cement low at 3901'. Attempt to pressure test casing, leak. Plug #2a with 12 sxs cement with 2% CaCl<sub>2</sub> inside casing from 3901' to 3743'. PUH and WOC. TIH and tag cement low at 3828'. Attempt to pressure test casing, leak. Plug #2b spot 12 sxs cement from 3828' to 3670'. PUH and WOC.

**5-24-02** Held JSA. TIH and tag cement at 3808'. Load hole with 4 bbls of water. Unable to pump down tubing, pressured up to 1250#, tubing plugged. TOH with tubing and found 2 joints plugged with cement, 3 joints off bottom, bottom 3 joints clean. TIH with tubing to 3363'. Load casing with 13.5 bbls of water to circulate clean. Pressure test casing to 500#, leak. Plug #3 with 75 sxs cement inside casing from 3363' to 2374' to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. PUH and WOC. Shut in well. SDFD.

**5-28-02** Held JSA. TIH and tag cement at 2455'. Attempt to pressure test casing, bled down to 250# in 15 seconds. Plug #4 spot 24 sxs cement inside casing from 1935' to 1619' to cover Nacimiento top. PUH and WOC. TIH and tag cement at 1757'. Attempt to pressure test casing, same results. TOH and LD tubing. Perforate 3 squeeze holes at 390'. Establish circulation out bradenhead with 3 bbls water. Pumping 1 bpm at 1500#, so pump 25 bbls of water to attempt to reduce the pressure. Connect pump line to BH valve and attempt to improve circulation, no change. Plug #5 with 92 sxs cement pumped down the 4-1/2" casing from 390' to surface, circulate good cement out bradenhead. Shut in well. ND BOP. Dig out wellhead. Obtain Hot Work Permit. Cut off wellhead. Found cement down 5' in 4-1/2" casing and at surface in 8-5/8" annulus. Mix 12 sxs cement to fill casing and the install P&A marker. SDFD.

**5-29-02** Held JSA. RD. MOL.

J. Becksted, Conoco, and A. Yepa, Cuba BLM, were on 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 should 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/disked 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.