Form 3160-5
(August 1999)

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.
NMSF078496A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM78413A

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

8. Well Name and No.
SJ 28-7 27

2. Name of Operator
CONOCO INC

Contact: DEBORAH MARBERRY
E-Mail: deborah.a.marberry@conoco.com

9. API Well No.
30-039-07291-00-S1

3a. Address
PO BOX 2197, DU 3084
HOUSTON, TX 77252-2197

3b. Phone No. (include area code)
Ph: 281.293.1005
Fx: 281.293.5090

10. Field and Pool, or Exploratory
BLANCO

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

Sec 26 T28N R7W SESW 0990FSL 1650FWL
36.62763 N Lat, 107.54562 W Lon

11. County or Parish, and State
RIO ARRIBA COUNTY, NM

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|---|---|
| ☒ Notice of Intent | ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☐ Subsequent Report | ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ Final Abandonment Notice | ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☐ Other |
| | ☐ Change Plans | ☒ Plug and Abandon | ☐ Temporarily Abandon | |
| | ☐ Convert to Injection | ☐ Plug Back | ☐ 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.)

Conoco proposes to plug and abandon this well as per the attached procedure. Also attached is the current and proposed wellbore schematic.

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

**Electronic Submission #13917 verified by the BLM Well Information System**
**For CONOCO INC, sent to the Farmington**
**Committed to AFMSS for processing by Steve Mason on 08/30/2002 (02SXM0499SE)**

Name *(Printed/Typed)* DEBORAH MARBERRY — Title SPECIALIST

Signature (Electronic Submission) — Date 08/30/2002

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

Approved By STEPHEN MASON — Title PETROLEUM ENGINEER — Date 09/05/2002

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 Farmington

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

**NMOCD**

**TEMPORARY ABANDONMENT** OR
**PLUG AND ABANDONMENT PROCEDURE**

8/29/02

**San Juan 28-7 Unit #27**
Blanco Mesaverde
990' FSL & 1650' FWL, (N) Section 26, T28N, R7W
Rio Arriba County, New Mexico



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. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

TEMPORARY ABANDONMENT:

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Conoco safety regulations. MOL and RU daylight pulling unit. Conduct JSA meeting for all personnel on location. NU relief line. Blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.

2. TOH and tally 174 joints 2-3/8" tubing, SN at 5572' and bull plug at 5583', total 5573'. Visually inspect tubing, if necessary LD tubing and PU and workstring.

3. **Plug #1 (Mesaverde open hole interval, 4830' – 4780'):** TIH and set a 7" cement retainer at 4830'. Pressure test tubing to 1200#. Load casing with water and circulate well clean. Pressure test casing to 800#. Mix 20 sxs cement and spot a balanced plug inside casing to isolate the Mesaverde open hole interval. PUH and reverse circulate well clean at 4700', if casing tested.

4. If the casing tested above then with the 2-3/8" tubing at 4700', pressure test casing to 1000#, hold for 30 minutes and make a chart. If PT holds, spot corrosion inhibited water in well. TOH and LD tubing. ND BOP and NU wellhead. RD and MOL.

PERMANENT ABANDONMENT:

5. If casing does not pressure test after plug #1, then continue with well abandonment. Spot or tag subsequent plugs as appropriate if the casing does not test. PUH with tubing to 4320'.

6. **Plug #2 (Chacra top, 4340' – 4240'):** Mix 29 sxs cement and spot balanced plug inside the casing to cover the Chacra top. PUH to 3395'.

7. **Plug #3 (Pictured Cliffs top, ~~3305~~ 53 3295' – ~~3295~~ 53'):** Mix 29 sxs cement and spot balanced plug inside the casing to cover the Pictured Cliffs top. TOH with tubing.

8. **Plug #4 (Fruitland top, ~~3050~~ 3027' – ~~2950~~ 2927'):** Perforate 3 HSC squeeze holes at ~~3050~~ 3027'. If casing tested, then establish rate into squeeze holes. Set 7" cement retainer at ~~3000~~'. Establish rate in squeeze holes. Mix and pump 55 sxs cement, squeeze 26 sxs outside 7" casing and leave 29 sxs inside casing to cover Fruitland top. TOH with tubing.

9. **Plug #5 (Kirtland and Ojo Alamo tops, ~~2700~~ 2653' – ~~2465~~ 2448'):** Perforate 3 HSC squeeze holes at ~~2700~~'. If casing tested, then establish rate into squeeze holes. Set 7" cement retainer at ~~2700~~'. Establish rate into squeeze holes. Mix and pump ~~105~~ sxs cement, squeeze ~~68~~ sxs outside 7" casing and leave ~~48~~ sxs inside casing to cover Kirtland and Ojo Alamo tops. TOH with tubing

**TEMPORARY ABANDONMENT** OR
**PLUG AND ABANDONMENT PROCEDURE**

**8/29/02**

**San Juan 28-7 Unit #27**



Continued:

10. **Plug #6 (Nacimiento top, ~~1370~~' – ~~1270~~'):** Perforate 3 HSC squeeze holes at ~~1370~~'. Establish rate into squeeze holes. Set 7" casing at ~~1320~~'. Mix and pump 55 sxs cement, squeeze 26 sxs outside 7" casing and leave 29 sxs inside casing to cover Nacimiento top. TOH and LD tubing.

11. **Plug #7 (13-3/8" casing shoe, 440' – Surface):** Perforate 3 HSC squeeze holes at 440'. Establish circulation out bradenhead valve. Mix approximately 160 sxs cement and pump down the 5-1/2" casing, circulate cement to the surface. Shut in well and WOC. TIH and tag cement.

12. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

# San Juan 28-7 Unit #27

*Current*

**Blanco Mesaverde**

**SW, Section 26, T-28-N, R-7-W, Rio Arriba County, NM**

**API #30-03972910**

**Lat: N 36^ 37' 39.43" / Long: W 107^32' 44.16"**

Today's Date: **8/29/02**
Spud: 6/6/55
Comp: 6/25/55
Elevation: 6640' GL
6650' KB

12-1/4" Hole

9-5/8" 25.4#, H-40 Casing set @ 175'
125 sxs cement (Circulated to Surface)

**WELL HISTORY**

**May '98:** Changed out tubing, land tubing at 5573'. Slick line set tubing stop at 5563'

Nacimiento @ 1320'

Ojo Alamo @ 2515'

Kirtland @ 2650'

2-3/8" Tubing at 5573'
(174 joints, SN @ 5572',
with Bull Plug at 5583')

Fruitland @ 3000'

TOC @ 3090' (T.S.)

Pictured Cliffs @ 3345'

Chacra @ 4290'

8-3/4" Hole to 4880'

7" 20#/23#, J-55 Casing Set @ 4880'
Cemented with 500 sxs

Mesaverde @ 4927'

Mesaverde Open Hole:
4880' – 5625'

6-1/4" Hole to TD

**TD 5625'**

# San Juan 28-7 Unit #27

## Proposed P&A

**Blanco Mesaverde**

**SW, Section 26, T-28-N, R-7-W, Rio Arriba County, NM**
**API #30-03972910**
**Lat: N 36^ 37' 39.43" / Long: W 107^32' 44.16"**

440/4.399(1.18) = 85 sxs
440-175/6.652(1.18) = 34 sxs
175/5.5-(1.18) = 27 sxs
146 sxs

Today's Date: **8/29/02**
Spud: 6/6/55
Comp: 6/25/55
Elevation: 6640' GL
6650' KB

12-1/4" Hole

9-5/8" 25.4#, H-40 Casing set @ 175'
125 sxs cement (Circulated to Surface)

Nacimiento @ ~~1320~~' 1161'

Ojo Alamo @ ~~2515~~' 2498'

Kirtland @ ~~2650~~' 03'

Fruitland @ ~~3000~~' 2977'

Pictured Cliffs @ ~~3345~~' 03'

Chacra @ ~~4290~~' 57'

8-3/4" Hole to 4880'

Mesaverde @ ~~4927~~' 6

6-1/4" Hole to TD

**TD 5625'**

**Perforate @ 440'**

**Plug #7: 440' - Surface**
Cement with 160 sxs

1211' 1111'

**Cmt Ret @ 1320'**

**Plug #6: ~~1370~~' – ~~1270~~'**
Cement with 55 sxs, 26 outside and 29 inside

**Perforate @ 1370'**

26(6.652)1.18 = 204' outside
29(4.399)1.18 = 151' inside

2653 2448'

**Plug #5: ~~2700~~' – ~~2465~~'**
Cement with ~~105~~ sxs, ~~60~~ outside and ~~45~~ inside

Inside
**Cmt Ret @ 2650'**
outside

(2653-2448)+50/4.399(1.18) = 49 sxs
(2653-2448)/6.652(1.18) = 52 sxs or

3027' 2927'

**Perforate @ 2700'**

**Plug #4: ~~3050~~' – ~~2950~~'**
Cement with 55 sxs, 26 outside and 29 inside.

**Cmt Ret @ 3000'**

**Perforate @ 3050'**

26(6.652)1.18 = 204' outside

TOC @ 3090' (T.S.)

3353 3253

**Plug #3: ~~3395~~' – ~~3295~~'**
Cement with 29 sxs

**Plug #2: 4340' – 4240'**
Cement with 29 sxs

29(4.399)1.18 = 151'

**Plug #1: 4830' – 4780'**
Cement with 20 sxs

**Set CR @ 4830'**

20(4.399)1.18 = 104'

7" 20#/23#, J-55 Casing Set @ 4880'
Cemented with 500 sxs

Mesaverde Open Hole:
4880' – 5625'