

## 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		Contact: YOLANDA PEREZ E-Mail: yolanda.perez@usa.conoco.com		NASSAU 3E	
2. Name of Operator CONOCO INC.				9. API Well No. 30-045-24961	
3a. Address P. O. BOX 2197, DU 3084 HOUSTON, TX 77252-2197		3b. Phone No. (include area code) Ph: 281.293.7613 Fx: 281.293.5036		10. Field and Pool, or Exploratory BASIN DAKOTA	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  Sec 23 T26N R11W Mer NWSE				11. County or Parish, and State  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 checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Acidize <input type="checkbox"/> Alter Casing <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change Plans <input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Deepen <input type="checkbox"/> Fracture Treat <input type="checkbox"/> New Construction <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Plug Back	<input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Reclamation <input type="checkbox"/> Recomplete <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> Water Disposal	<input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Well Integrity <input checked="" type="checkbox"/> Other	

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 recomple 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.)

It has been determined to Plug & Abandon the above mentioned well. The NOI along with procedures will be submitted by 8/1/01.

14. I hereby certify that the foregoing is true and correct.	
<b>Electronic Submission #4677 verified by the BLM Well Information System</b> <b>For CONOCO INC., sent to the Farmington</b> <b>Committed to AFMSS for processing by Maurice Johnson on 06/06/2001 ()</b>	
Name (Printed/Typed) YOLANDA PEREZ	Title COORDINATOR
Signature	Date 06/01/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
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.

UN 07 2001

San Francisco OFFICE

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. **NM-12000 N00-C-14-20-3023**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**NASSAU 3E**

9. API Well No.  
**30-045-24961**

10. Field and Pool, or Exploratory  
**BASIN DAKOTA**

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

**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**

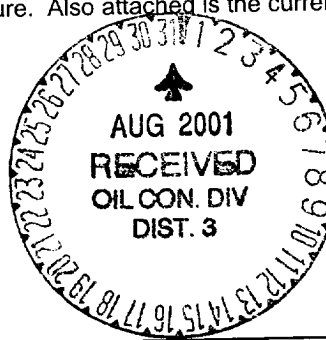
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Sec 23 T26N R11W Mer NWSE 1580FSL 1700FEL**

**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 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.)

Conoco proposes to plug and abandon this well using 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 #5910 verified by the BLM Well Information System  
For CONOCO INC., sent to the Farmington  
Committed to AFMSS for processing by Matthew Warren on 07/27/2001 ()**

Name (Printed/Typed) **DEBORAH MARBERRY**

Title **SUBMITTING CONTACT**

Signature

Date **07/24/2001**

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

Approved By

Title

Date

**8/29/01**

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***  
**NMOCD**

# Nassau #3E

Current

Basin Dakota

SE, Section 23, T-26-N, R-11-W, San Juan County, NM

API No. 30-045-24961

Long 107°58'10.92"W / Lat 36° 28'13.764"N

Today's Date: 07/23/01

Spud: 3/27/81

Completed: 5/10/81

Elevation: 6309' GI

12-1/4" hole

8-5/8" 24# Csg set @ 219'  
Cmt w/ 135 sxs (Circulated to Surface)

Ojo Alamo @ 577'

Kirtland @ 700'

**Casing Leak:**  
squeeze 250 sxs  
from 731' to surface  
(Aug '00)

## WELL HISTORY

**Aug '00:** Isolate casing leak at 731',  
squeeze with 250 sxs cement, circulate 5  
bbls cement out bradenhead. Tag cement  
at 620', Drill out, P/T and C/O with nitrogen.

Fruitland @ 1363'

Pictured Cliffs @ 1640'

1-1/2" Tubing Set at 6196'  
( 195 joints, EUE, 2.9# with SN)

Mesaverde @ 3141'

DV Tool @ 4341'  
Cmt w/1203 cf

TOC @ 4538' (Calc,75%)

Gallup @ 5143'

Dakota 6132'

Dakota Perforations:  
6142' – 6276'

7-7/8" hole

4-1/2" 10.5# K-55 Casing set @ 6398'  
Cemented with 565 cf

TD 6400'

# Nassau #3E

## Proposed P&A

### Basin Dakota

SE, Section 23, T-26-N, R-11-W, San Juan County, NM

API No. 30-045-24961

Long 107°58'10.92"W / Lat 36°28'13.764"N

Today's Date: 07/23/01  
Spud: 3/27/81  
Completed: 5/10/81  
Elevation: 6309' GL

**Plug #6** 269' - Surface  
Cement with 30 sxs

12-1/4" hole

8-5/8" 24# Csg set @ 219'  
Cmt w/ 135 sxs (Circulated to Surface)

TOC @ 380' (Calc, 75%)

Ojo Alamo @ 577'

**Plug #5** 750' – 527'  
Cement with 21 sxs

Kirtland @ 700'

**Casing Leak:**  
squeeze 250 sxs  
from 731' to surface;  
(Aug '00)

Fruitland @ 1363'

**Plug #4** 1690' – 1313'  
Cement with 33 sxs

Pictured Cliffs @ 1640'

Mesaverde @ 3141'

**Plug #3** 3191' – 3091'  
Cement with 12 sxs

Gallup @ 5143'

DV Tool @ 4341'  
Cmt w/1203 cf

TOC @ 4538' (Calc, 75%)

**Plug #2** 5193' – 5093'  
Cement with 12 sxs

Dakota 6132'

**Set CIBP @ 6092'**

**Plug #1** 6092' – 5992'  
Cement with 12 sxs

Dakota Perforations:  
6142' – 6276'

7-7/8" hole

4-1/2" 10.5# K-55 Casing set @ 6398'  
Cemented with 565 cf

TD 6400'

## PLUG AND ABANDONMENT PROCEDURE

07/23/01

### Nassau #3E

Basin Dakota

1580' FSL and 1700' FEL, Section 23, T26N, R11W  
San Juan County, New Mexico, API No. 30-045-24961  
Long: 107° 58'10.92" W/ Lat: 36° 28'13.764"N

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 is ASMT Type II, mixed at 15.6 ppg with a yield of 1.18 cf/sx.

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 and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH and inspect 195 joints 1-1/2" EUE tubing (6196'). If necessary, LD tubing and PU workstring. Round-trip 4-1/2" gauge ring to 6092'.
3. **Plug #1 (Dakota perforations and top, 6092' – 5992')**: Set 4-1/2" wireline CIBP or cement retainer at 6092'. TIH with open ended tubing and tag. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as necessary. Mix 12 sxs cement and spot a balanced plug inside casing above the CIBP to isolate Dakota perforations and top. PUH to 5193'.
4. **Plug #2 (Gallup top, 5193' – 5093')**: Mix 12 sxs cement and spot a balanced plug inside casing to cover the Gallup top. PUH to 3191'.
5. **Plug #3 (Mesaverde top, 3191' – 3091')**: Mix 12 sxs cement and spot a balanced plug inside casing to cover Mesaverde top. PUH to 1690'.
6. **Plug #4 (Pictured Cliffs top and Fruitland top, 1690' – 1313')**: Mix 33 sxs cement and spot a balanced plug inside casing to cover the Pictured Cliffs and Fruitland tops. PUH to 750'.
7. **Plug #5 (Kirtland and Ojo Alamo tops, 750' – 527')**: Mix 21 sxs cement and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. PUH to 269'.
8. **Plug #6 (8-5/8" Casing shoe, 264' - surface)**: Connect pump line to bradenhead valve and pressure test surface casing annulus to 300#. If surface casing annulus holds, then spot 30 sxs cement inside casing from 264' to surface, circulate good cement out casing valve. Then TOH and LD tubing. If bradenhead does not hold pressure, then TOH with tubing, perforate at 264' and attempt to circulate cement to surface.
9. 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.