

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.  
NMSF 079947

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
HELEN JACKSON 2

9. API Well No.  
30-045-07723

10. Field and Pool, or Exploratory  
BLANCO MESAVERDE

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 33 T29N R9W NENE 790FNL 1265FEL

**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 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.)

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

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

**Electronic Submission #10558 verified by the BLM Well Information System  
For CONOCO INC., sent to the Farmington**

Name (Printed/Typed) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 02/28/2002

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

Approved By

Title

PE

Date

3/8/02

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.

Office

FFO

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 \*\***

## PLUG & ABANDONMENT PROCEDURE

10-08-01

### **Helen Jackson #2**

Blanco Mesaverde

790' FNL & 1265' FEL, Section 33, T-29-N, R-9-W

San Juan Co., New Mexico

API #30-045-07723

Lat: N 36° 41.2' / Long: W 107° 47.0'

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 ASTM Type II, mixed at 15.6ppg 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 safety 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 LD 1-1/2" NU tubing (4571'). Tally and prepare a 2-3/8" workstring. Round-trip 4-1/2" gauge ring or casing scraper to 3810'.
3. **Plug #1 (Mesaverde perforations and top, 3810' – 3710')**: Set 4-1/2" wireline CIBP or cement retainer at 3810'. TIH with open-ended tubing and tag. Load casing with water and circulate well clean. Pressure test 4-1/2" casing to 500#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 12 sxs cement and spot a balanced plug inside casing above the CIBP to isolate Mesaverde perforations.
4. Perforate 3 HSC squeeze holes at 2387'. Attempt to establish circulation out 4-1/2" x 7" annulus to surface. ND BOP and tubing head. Weld slip on collar on 4-1/2" casing. Pick up on 4-1/2" casing and determine free point by stretch. Cut 4-1/2" casing at approximately 2330'. RU casing handling tools, pull and LD casing. Run a 7" gauge ring or casing scraper to 2287'.
4. **Plug #2 (7" casing shoe, 4-1/2" casing stub, Pictured Cliffs and Fruitland tops, 2387' – 1840')**: TIH and set a 7" cement retainer at 2287'. Load casing with water and circulate well clean. Pressure test 7" casing to 500#. Establish rate below cement retainer. Mix 119 sxs cement, squeeze 23 sxs below CR and leave 96 sxs above to cover through Fruitland top. TOH with tubing.
5. **Plug #3 (Kirtland and Ojo Alamo tops, 1338' – 1062')**: Perforate 3 HSC squeeze holes at 1338'. If casing tested establish rate into squeeze holes. Set 7" retainer at 1288'. Sting into retainer and establish rate into squeeze holes. Mix 149 sxs cement, squeeze 96 sxs outside 7" casing and leave 53 sxs inside to cover through the Ojo Alamo top. TOH with tubing.
6. **Plug #4 (10-3/4" casing shoe, 252' - Surface)**: Perforate 3 HSC squeeze holes at 252'. Establish circulation out bradenhead valve. Pump 120 sxs cement down 10-3/4" casing from 252' to surface, circulate good cement out bradenhead valve. Shut in well and WOC.
7. 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.

TD 4630'

# Helen Jackson #2

Current

Blanco Mesaverde

NE, Section 33, T-29-N, R-9-W, San Juan County, NM

API #30-045-07723

Lat: N 36° 41.2' / Long: W107°47.0'

Today's Date: 10/08/01  
Spud: 11/3/55  
Comp: 12/9/55  
Elevation: 5858' GL

13-3/4" Hole

10-3/4" 49.5#, H-40 Csg set @ 202'  
225 sxs cement (Circulated to Surface)

## WELL HISTORY

**Feb '98: Slickline Work.** No specific results reported.

Ojo Alamo @ 1112'

Kirtland @ 1288'

Top of Cmt @ 1806' (Calc, 75% )

Fruitland @ 1890'

Pictured Cliffs @ 2218'

9-3/4" Hole to 2357'

7" 20#, J-55 Casing @ 2337'  
Cemented with 150 sxs

1-1/2" Tubing at 4571'  
(NU, 2.75#)

Mesaverde @ 3912'

**Squeezed 3590'- 3980'**  
**with 50 sxs (12/55)**

TOC @ 4000' (T.S.)

Mesaverde Perforations:  
3860' – 4568'

6-7/8" Hole to TD

4-1/2" 9.5# J-55 Casing Set @ 4640'  
Cemented with 100 sxs

TD 4630'

# Form Status Menu

## Sundry Notice

This Sundry Notice was rejected by the Farmington BLM office. A message from Lucy Bee sent on 10/15/2001 reads as follows:

**The attachment did not come thru, please resubmit.**

Current status of Transaction Number **7832**:

Sundry Notice Type: **NOTICE OF INTENT-Plug and Abandonment**

Date Sent: **10/10/2001**

Current status of submission: **REJECT**

Sent to BLM office: **Farmington**

Lease number: **NMSF 079947**

Submitted attachments: **3**

Well name(s) and number(s):

**HELEN JACKSON #2**

To edit, view, or add a note, [click here](#)

To edit and resubmit this Sundry Notice, [click here](#).

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# Form Status Menu

## Sundry Notice

This Sundry Notice was received by the BLM Well Information System and will be processed by the Farmington BLM office.

Current status of Transaction Number **10558**:

Sundry Notice Type: **NOTICE OF INTENT-Plug and Abandonment**

Date Sent: **2/28/2002**

Current status of submission: **RECVD**

Sent to BLM office: **Farmington**

Lease number: **NMSF 079947**

Submitted attachments: **3**

Well name(s) and number(s):

**HELEN JACKSON #2**

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