

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

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.

5. Lease Serial No.

SF 078097

6. If Indian, Allottee or Tribe Name

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

8910035250

8. Well Name and No.

HEATON LS 12

9. API Well No.

30-045-10162

10. Field and Pool, or Exploratory Area

AZTEC PICTURED CLIFFS

11. County or Parish, State

SAN JUAN

NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CONOCO, INC.

3a. Address

P.O. BOX 2197 DU 3066 HOUSTON, TX 77252

3b. Phone No. (include area code)

(281)293-1005

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

E, SEC.33, T31N, R11W

1550' FNL & 800' FWL

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 checked="" type="checkbox"/> Other CONTINUE
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	SHUT-IN STATUS
	<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 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 a before and after wellbore schematic.



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

Name (Printed/Typed)

DEBORAH MARBERRY

Title

REGULATORY ANALYST

Date

09/22/2000

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

10/6/00

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, makes 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.

(Instructions on reverse)

PLUG AND ABANDONMENT PROCEDURE

09/15/00

Heaton LS #12

Aztec Pictured Cliffs Ext.
1550' FNL & 880' FWL, Section 33, T31N, R11W
San Juan County, New Mexico
Long. N 36° 51.5' /Lat. 108° 00.1'

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.

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 and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH and tally 1-1/4" IJ tubing (2418'), inspect; if necessary LD and PU workstring. Round-trip 5-1/2" gauge ring or casing scraper to 2382', or as deep as possible.
3. **Plug #1 (Pictured Cliffs interval and Fruitland top, 2382' – 1938')**: Set 5-1/2" wireline CIBP at 2382'. TIH with tubing and tag CIBP. Load casing with water and circulate clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. Mix 56 sxs Class B cement and spot a balanced plug inside casing above the CIBP to isolate the Pictured Cliffs interval and to cover the Fruitland top. POH with tubing.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 1000' – 850')**: Perforate 3 HSC squeeze holes at 1000'. Establish rate into squeeze holes if casing tested. Set 5-1/2" cement retainer at 950'. Establish rate into squeeze holes. Mix 67 sxs Class B cement, squeeze 44 sxs outside 5-1/2" casing and leave 23 sxs inside to cover Ojo Alamo top. TOH and LD tubing.
5. **Plug #3 (8-5/8" Surface casing, 201' - Surface)**: Perforate 3 HSC squeeze holes at 201'. Establish circulation out bradenhead valve. Mix and pump approximately 65 sxs Class B cement down 5-1/2" casing and circulate good cement out bradenhead valve. Shut well in and WOC.
6. 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.

Heaton LS #12

Current

Aztec Pictured Cliffs Ext.

NW, Section 33, T-31-N, R-11-W, San Juan County, NM

Lat: N 36° 51.5' / Long: W 108° 00.1'

Today's Date: 9/15/00

Spud: 5/7/57

Completed: 5/15/57

Elevation: 5873' GI

12-1/4" hole

8-5/8" 24#, J-55 Csg set @ 151'
Cmt w/150 sxs (Circulated to Surface)

Ojo Alamo - 900'

Kirtland @ 950'

TOC @ 1500' (T.S.)

Fruitland @ 1988'

1-1/4" Tubing set at 2418'
(115 joints, IJ, 2.3#)

Pictured Cliffs @ 2379'

Pictured Cliffs Perforations:
2378' - 2424'

PBTD 2439'

7-7/8" Hole

5-1/2" 15.5#, J-55 Casing set @ 2478'
Cmt with 150 sxs

TD 2480'

Heaton LS #12

Proposed P&A

Aztec Pictured Cliffs Ext.

NW, Section 33, T-31-N, R-11-W, San Juan County, NM

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Spud: 5/7/57

Completed: 5/15/57

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12-1/4" hole

8-5/8" 24#, J-55 Csg set @ 151'
Cmt w/150 sxs (Circulated to Surface)

Plug #3 201' - Surface
Cmt with 65 sxs Class B

Perforate @ 201'

Ojo Alamo @ 900'

Kirtland @ 950'

Cmt Retainer @ 950'

Perforate @ 1000'

Plug #2 1000' - 850'
Cmt with 67 sxs Class B,
44 sxs outside casing
and 23 sxs inside.

TOC @ 1500' (T.S.)

Fruitland @ 1988'

Plug #1 2382' - 1938'
Cmt with 56 sxs Class B

Set CIBP @ 2382'

Pictured Cliffs @ 2379'

Pictured Cliffs Perforations:
2378' - 2424'

PBTD 2439'

7-7/8" Hole

5-1/2" 15.5#, J-55 Casing set @ 2478'
Cmt with 150 sxs

TD 2480'