

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.

3a. Address
P.O. BOX 2197 DU 3084HOUSTONTX77252

3b. Phone No. (include area code)
(281)293-1005

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
B, SEC.11 T29N R10W

660' FNL & 2050' FEL

5. Lease Serial No.
NMSF 077092B

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
2B

9. API Well No.
30-045-30138

10. Field and Pool, or Exploratory Area
BLANCO MESAVERDE, AZTEC PICTU

11. County or Parish, State
SAN JUAN
NEW MEXICO

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 checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>DHC</u>
	<input type="checkbox"/> Change Plans	<input 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 recompleate 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 recompleation 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 downhole commingle this well in the Blanco Mesaverde and Aztec Pictured Cliffs as per the attached.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

DEBORAH MARBERRY

Title
REGULATORY ANALYST

Signature

Date
08/06/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Joe Hewitt

Title
Acting Train Lead

Date
8-13-02

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.

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)

Office
District I
1625 N French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

Energy, Minerals and Natural Resources

Revised March 25, 1999

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

WELL API NO. 30-045-30138

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
HOUCK 2B

8. Well No. 2B

9. Pool name or Wildcat
BLANCO MESAVERDE, AZTEC PICTURED CLIFFS

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

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

2. Name of Operator CONOCO, INC.

3. Address of Operator P.O. BOX 2197 DU 3066 HOUSTON TX 77252

4. Well Location

Unit Letter B : 660' feet from the NORTH line and 2050' feet from the EAST line

Section 11 Township 29N Range 10W NMPM County SAN JUAN

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: DHC ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOBS ☐

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work). SEE RULE 1103. For Multiple Completions: Attach diagram of proposed completion or recompletion.

In reference to Order #R-11363 Conoco proposes to downhole commingle in the Aztec Pictured Cliffs and Blanco Mesaverde

Perforations are:
MV 3947' - 4909'
PC 2300' - 2416'

Allocation will be by subtraction (attached)

Commingling in this well will not reduce the value of the remaining production.

The Public Land Office has been notified of our intent.

Interest owners are identical in all pools.



DHC 488/A2

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Deborah Marberry TITLE REGULATORY ANALYST DATE 08/02/2001

Type or print name DEBORAH MARBERRY

Telephone No. (281)293-1005

(This space for State use)

Original Signed by STEVEN A. HAYDEN

DEPUTY OIL & GAS INSPECTOR, N.M.

AUG - 7 2001

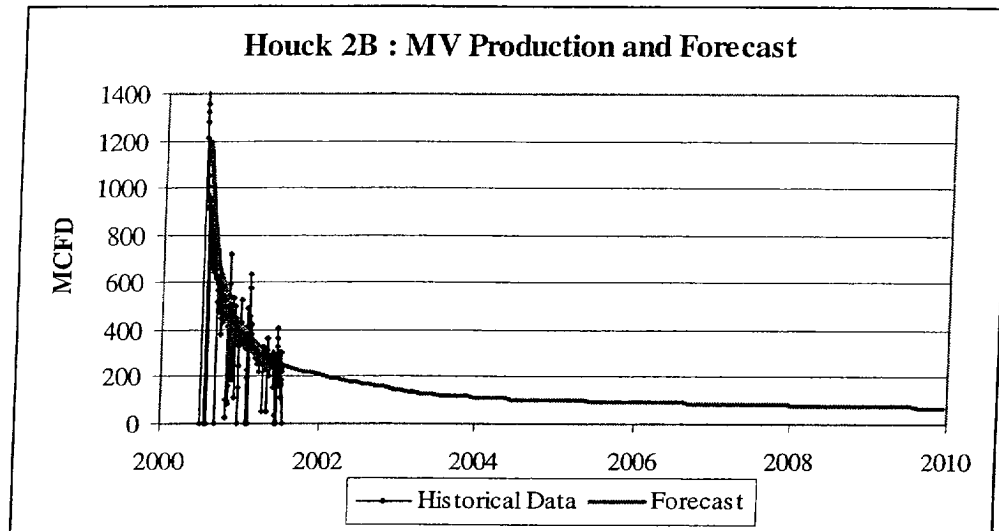
APPROVED BY _____ TITLE _____ DATE _____

Conditions of approval, if any:

Houck 2B : Downhole Commingle Allocation

Aztec Pictured Cliffs and Blanco Mesaverde

The Aztec Pictured Cliffs will be added to this wellbore via recompletion. We are proposing to allocate gas production using the subtraction method. Historical and forecasted Mesaverde gas production are shown in the following graph and allocation table:



Year	Mid-Yr Rate
2001	245
2002	172
2003	121
2004	104
2005	96
2006	90
2007	83
2008	78
2009	72
2010	62
2011	58
2012	54
2013	50
2014	47
2015	43

Oil/condensate production from the Pictured Cliffs producers in 29N-10W has been essentially zero. Consequently, any oil production should be assigned to the Mesaverde.

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
30-045-30138		72319		BLANCO MESAVERDE	
4 Property Code		5 Property Name			6 Well Number
SF 077		HOUCK			2B
7 OGRID No.		8 Operator Name			9 Elevation
005073		CONOCO, INC.			

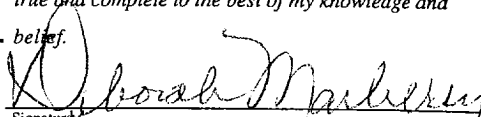
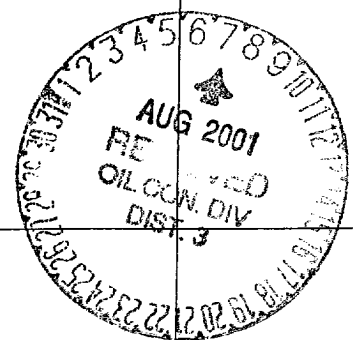
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	11	29N	10W		660'	NORTH	2050'	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code		¹⁵ Order No.					
316.80	I								

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16		660'	2050'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature DEBORAH MARBERRY Printed Name REGULATORY ANALYST Title 6/12/2001 Date	
				18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number	

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources DepartmentForm C-102
Revised August 15, 2000OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-30138		2 Pool Code 71280		3 Pool Name AZTEC PICTURED CLIFFS	
4 Property Code SF 077		5 Property Name HOUCK			6 Well Number 2B
7 OGRID No. 005073		8 Operator Name CONOCO, INC.			9 Elevation

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	11	29N	10W		660'	NORTH	2050'	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 316.80	13 Joint or Infill I	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16		660'	2050'	17 OPERATOR CERTIFICATION	
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.				
	Signature DEBORAH MARBERRY				
	Printed Name REGULATORY ANALYST				
				Title 6/12/2001 Date	
				18 SURVEYOR CERTIFICATION	
				I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.	
				Date of Survey Signature and Seal of Professional Surveyor:	
				Certificate Number	

HOUCH #2B
PC RECOMPLETE AND DHC WITH MESAVERDE
API 30-045-30138

PROCEDURE

1. PJSM is to be carried out for all routine and non-routine operations every day. The Rig crew and the service company personnel must participate in the PJSM. Encourage the crew to actively participate in these meetings.
THINK SAFETY: WORK SAFELY.
2. Check Anchors. MI Workover Rig. Lock out tag out. Spot equipment.
2. RU Workover rig. Bleed off any pressure, kill well with minimal 1% KCL.
3. ND tree and NU BOP's and tag for fill and Turn out of hole with 2-3/8" production tubing. Visually inspect production tubing while POOH.
4. TIH with scraper and clean up well bore to plug setting depth. (This step is required at the discretion of the Project Lead after inspecting the pulled out tubing.)
5. PU 4-1/2" CIBP w/ tbg and set at 2540'. POOH w/ tubing and stand back. Load hole and test plug and casing to maximum 3000 psi. (Before pressure test ensure that the well head is rated to the test pressure.)
5. RU wireline and perf per Lucas Bazan's procedure Correlate to Schlumberger Thermal Neutron Decay Time (TDT) log run 5-26-00. After perforating get ready to frac per Lucas Bazan's procedure.
6. Frac well and after frac flow well back until well dies.
7. PU bit, Drill collars and 2-3/8" tbg and RIH and clean out to CIBP.
(Do not drill out the CIBP at this point)
8. Clean out and obtain a 4 hours test.
9. After the test, drill out the CIBP and clean out to 5014'(PBTB). TOOH with bit.
10. TIH with 2-3/8" tubing and SN. Land tubing at 4581'. Drift tubing with slick line.
11. Rig down BOP's NU Tree. If required swab well for 1/2 a day..
12. Notify operator and reinstall plunger lift equipment and put well on production.

S.S.Gopalan
For the West Team
August 1, 2002