

District I
PO Box 1980, Hobbs, NM 88241 1980

District II

PO Drawer DD, Artesia, NM 88211-0719

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994

Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address. Conoco Inc 10 Desta Dr. Ste. 100W Midland, Tx. 79705-4500		OGRID No. 005073
		API Number 30-0 025-35771
Property Code 003105	Property Name State F-1	Well No. #15

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
W	1	21S	36E		500	South	2000	East	Lea

s Proposed 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
Hardy; A130-(91075) Proposed Pool 1					Hardy; Tubbs-Dunkle Proposed Pool 2				
Hardy; Blinberry-(29710)					(29760)				

Work Type Code A	Well Type Code D	Cable/Rotary R	Lease type Code S	14 Ground Level Elevation 3500'
16 Multiple	17 Proposed Depth 7750	18 Formation See attached	19 Contractor Capstar #9	20 Spud Date 3/18/02

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight /foot	Setting Depth	Sacks of Cement	Estimated TOC

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Please see the attached procedure.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

Adding

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: Kay Maddox		OIL CONSERVATION DIVISION ORIGINAL SIGNED BY PAUL F. KAUTZ	
Printed name: Kay Maddox		Title: PETROLEUM ENGINEER	
Title: Regulatory Agent		Approval Date: APR 16 2002	Expiration Date:
Date: April 10, 2002	Phone: (915) 686-5798	Conditions of Approval: Attached	

SCA

This well has been recently drilled and the following is the proposed completion Procedure:

Hardy Abo (97075)

1. Perforate:
 - a. 7048'-7059' (11')
2. Breakdown perforations w/ 15% HCL
3. Swab test Abo
4. If there is not significant oil shows, set CIBP. Otherwise, set RBP above top perforation.
5. Possibly frac with good oil shows.

Hardy Tubb/Drinkard (29760)

1. Perforate:
 - a. 6763'-6771' (8')
 - b. 6790'-6814' (24')
2. Breakdown perforations w/ 15% HCL
3. Swab test.
4. Sand frac if oil is recovered from swab test.
5. Set RBP above top perforation. Move uphole
6. Perforate:
 - a. 6430'-6435' (5')
 - b. 6448'-6457' (9')
 - c. 6478'-6484' (6')
 - d. 6510'-6514' (4')
7. Breakdown perforations w/ 15% HCL
8. Sand frac Produce 30-60 days to establish a stabilized rate.
9. Set RBP above top perforations. Move up hole to complete Blinebry.

Hardy Blinebry (29710)

1. Perforate:
 - a. 5674'-5686' (12')
 - b. 5746'-5753' (7')
 - c. 5757'-5767' (10')
 - d. 5773'-5789' (16')
2. Breakdown perforations w/ 15% HCL
3. Sand frac Blinebry. Test for 30 days to establish rates.
4. Remove all plugs and commingle the three pools.

This well will eventually be downhole tri-mingled with the Hardy Tubb/Drinkard & Hardy Blinebry having an established rate, and the Hardy Abo being allocated by subtraction. The Hardy Abo pool is not a pre-approved pool therefore a C-107A application will be sent to Santa Fe once the two pools have an established rate to allocate production accurately.

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State of New Mexico
Energy, Minerals & Natural Resources Department

Revised February 21, 1994

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Santa Fe, NM 87504-2088

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1000 Rio Brazos Rd. Aztec, NM 87410

District IV
PO Box 2088, Santa Fe. NM 87504-2088

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35771		2 Pool Code 29710	3 Pool Name Hardy Blinebry
4 Property Code 3105	5 Property Name State F-1		6 Well Number #15
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500		9 Elevation 3500'

10 Surface Location

UL or Id no	Section	Town ship	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
W	1	21S	36E		500	South	2000	East	Lea

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 40	13 Joint or Infill	14 Consolidation Code		15 Order No.					

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

500'

2000'

17 OPERATOR CERTIFICATION

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

Key Maddox

Signature _____

Kay Maddox

Printed Name _____

Regulatory Agent

Title

April 10, 2002

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

District I
PO Box 1980, Hobbs, NM 88241-1980

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PO Drawer DD, Artesia, NM 88211-0719

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Revised February 21, 1994

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☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35771		2 Pool Code 29760		3 Pool Name Hardy Tubb/Drinkard	
4 Property Code 3105		5 Property Name State F-1			6 Well Number #15
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 3500'

10 Surface Location

UL or Idn.	Section	Town ship	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
W	1	21S	36E		500	South	2000	East	Lea

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 40	13 Joint or Infill	14 Consolidation Code		15 Order No.					

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				

0 ————— 2000'

| 500'

17 OPERATOR CERTIFICATION

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

Kay Maddox
Signature

Kay Maddox

Printed Name

Regulatory Agent

Title

April 10, 2002

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

DISTRICT I
1825 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 and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
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OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 90-075-35771	Pool Code 97075	Pool Name Hardy Abo
Property Code	Property Name STATE F1	Well Number 15
OGRID No. 005073	Operator Name CONOCO INC.	Elevation 3500'

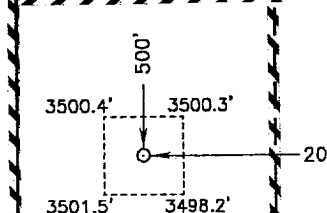
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
W	1	21 S	36 E		500	SOUTH	2000	EAST	LEA

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
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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

LOT 12 - 40.0 AC.	LOT 11 - 40.0 AC.	LOT 10 - 40.0 AC.	LOT 9 - 40.0 AC.
LOT 13 - 40.0 AC.	LOT 14 - 40.0 AC.	LOT 15 - 40.0 AC.	LOT 16 - 40.0 AC.
<p>LAT - N32°30'07.5" LONG - W103°13'01.0"</p> 			

OPERATOR CERTIFICATION

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

Gary Maddox
Signature
KAY MADDUX
Printed Name
Regulatory Agent
Title
11/15/2001
Date

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.

November 9, 2001
Date Surveyed
Signature & Seal of
Professional Surveyor
GARY L. JONES
NEW MEXICO
7977
No. 203
Certified to: Gary L. Jones
7977
BASIC SURVEYS

District I
1625 N. French Dr., Hobbs, NM 88240
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Energy Minerals and Natural Resources

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☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Conoco Inc., 10 Desta Drive, Suite 649W, Midland, TX 79705		² OGRID Number 005073
		³ API Number 30-025-35771
³ Property Code 3105	⁵ Property Name State F1	⁶ Well No. 15

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
W	1	21S	36E		500'	South	2000'	East	Lea

⁸ Proposed 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

⁹ Proposed Pool 1

Hardy Abo

¹⁰ Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3500'
¹⁶ Multiple No	¹⁷ Proposed Depth 7750'	¹⁸ Formation Abo	¹⁹ Contractor	²⁰ Spud Date 01/10/02

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	J-55, 8-5/8"	24#	1500'	665'	Surface
7 7/8"	L-80, 5 1/2"	17#	7750'	990'	Surface

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Well Location and Acreage Dedication Plat (C-102)
2. Proposed Well Plan Outline
3. Cementing Program
4. BOP/Choke Diagram

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Kimberly Southall</i> Printed name: Kimberly Southall Title: Associates Assistant Date: 11/20/01		OIL CONSERVATION DIVISION APPROVED BY: <i>ASST. ENGINEER</i> Title: Approval Date: Expiration Date: Conditions of Approval: Attached <input type="checkbox"/>	
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