

PNRM0229756911

C-103
DHC No. Assigned 10-24-02

Order Number

HOB-0048

API Number

30-025-35176

Operator

Conoco Inc,

County

Lea

Order Date

Well Name

Number

Location

Oxy State F-1

001

P
X
UL

1
Sec

215
T (+Dir)

36E
R (+Dir)

Oil %

Gas %

Pool 1

29710

Hardy BLinebrij

33%

30%

Pool 2

29760

Hardy Tubb Drinkard

67%


70%

Pool 3

Pool 4

Comments:

Work completed effective _____
Work cancelled effective _____
Supplement _____

10-24-02
Posted to
RBM & 

DOWNHOLE COMMINGLE CALCULATIONS:

30-025-35176
HOB-0048

OPERATOR: Conoco Inc.

PROPERTY NAME: Oxy State F-1

WNULSTR: 1-X, 1-21-36

	SECTION I:		ALLOWABLE AMOUNT	
29710	POOL NO. 1	<u>Hardy Blinebry</u>	<u>107</u>	<u>217</u> MCF 2000
29760	POOL NO. 2	<u>Hardy Tubb Drinkard</u>	<u>142</u>	<u>852</u> MCF 6000
	POOL NO. 3	_____	_____	_____ MCF
	POOL NO. 4	_____	_____	_____ MCF
		POOL TOTALS	<u>249</u>	<u>1066</u>

	SECTION II:		Oil	Gas
AHAR20000	POOL NO. 1	<u>Hardy Blinebry</u>	33%	30%
AHAR30000	POOL NO. 2	<u>Hardy Tubb Drinkard</u>	67% X 249 = 166.83	70%
	POOL NO. 3	_____		
	POOL NO. 4	_____		

	<u>OIL</u>	<u>GAS</u>
SECTION III:		
	<u>$107 \div 67\% = 159.71 (160)$</u>	_____
SECTION IV:		
	<u>$160 \times 33\% = 52.80 (53)$</u>	_____
	<u>$160 \times 67\% = 107.20 (107)$</u>	_____
	_____	_____
	_____	_____

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

O. Drawer DD, Artesia, NM 88210

DISTRICT T11
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO 30-025-35176
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Oxy State F-1
8. Well No. #1
9. Pool name or Wildcat Hardy Tubb Drinkard 29760/Hardy Blinebry
10. Elevaun (Show whether DF, RKB, RT, GR, etc.)

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> OTHER	2. Name of Operator Conoco Inc.
3. Address of Operator 10 Desta Dr. Ste 100W, Midland, Tx., 79705-4500	4. Well Location Unit Letter <u>X</u> <u>990</u> Feet From The <u>South</u> Line and <u>915</u> Feet From The <u>East</u> Line Section <u>1</u> Township <u>21S</u> Range <u>36E</u> NMPM <u>Lea</u> County

11 Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
ALL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: Downhole Commingle <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

R-11363

Conoco proposes to downhole commingle the Hardy Tubb Drinkard and the Hardy Blinebry. Both pools are pre-approved and ownership is the same. The Allocation percentages:

	Oil	Gas
Hardy Blinebry:	33%	30%
Hardy Tubb Drinkard	67%	70%

***Only District approval is necessary

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

SIGNATURE Kay Maddox TITLE Regulatory Agent DATE October 8, 2002
TYPE OR PRINT NAME Kay Maddox TELEPHONE NO. (915) 686-5798

This space for State Use)

APPROVED BY [Signature] PETROLEUM ENGINEER DATE OCT 24 2002
CONDITIONS OF APPROVAL, IF ANY.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

D. Drawer DD, Artesia, NM 88210

DISTRICT T11
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO	30-025-35176
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Oxy State F-1
8. Well No.	#1
9. Pool name or Wildcat	Hardy Tubb Drinkard 29760/Hardy Blinebry
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> OTHER
2. Name of Operator	Conoco Inc.
3. Address of Operator	10 Desta Dr. Ste 100W, Midland, Tx., 79705-4500
4. Well Location	Unit Letter <u>X</u> <u>990</u> Feet From The <u>South</u> Line and <u>915</u> Feet From The <u>East</u> Line Section <u>1</u> Township <u>21S</u> Range <u>36E</u> NMPM <u>Lea</u> County

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PLUG OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <u>Downhole Commingle</u> <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER <input type="checkbox"/>

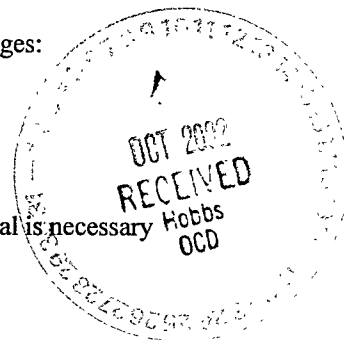
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R-11363

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Hardy Blinebry:	33%	30%
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***Only District approval is necessary



DHC Order No. HOB-0048

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

SIGNATURE Kay Maddox TITLE Regulatory Agent DATE October 8, 2002

TYPE OR PRINT NAME Kay Maddox TELEPHONE NO. (915) 686-5798

space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY.

ORIGINAL SIGNED BY
PAUL F. KAUTZ
PETROLEUM ENGINEER

OCT 24 2002

Oxy State F1 #1

Commingle Application Discussion

Summary

The Oxy State F1 #1 is located at 990' FSL & 915' FEL of Section 1-T21S – R36E, Lea County, NM. The well was perforated and acidized in the lower and middle Abo formations which only tested water. The lower and middle Abo was abandoned with CIBP's and cement. The upper Abo was then completed and production proved to be marginal after 3 months of testing. In September 2001, the upper Abo was abandoned and the Hardy Tubb-Drinkard was completed. Additional pay was added in the Hardy Tubb-Drinkard in September 2002. It is now planned to complete the Oxy State F1 #1 in the Hardy Blinebry pool. We request approval of this application to commingle the Hardy Tubb-Drinkard and the Hardy Blinebry pools.

Discussion

The Hardy Tubb-Drinkard has been producing since September 12, 2002 and has reached a stabilized rate of 72 BOPD, 165 MCFPD, and 45 BWPD. Please see attached production test for the Oxy State F1 #1 Hardy Tubb-Drinkard.

The Hardy Blinebry has not been completed in the Oxy State F1 #1, however it was recently completed in an offset well. The State F1 #11 is currently producing from the Hardy Blinebry at rates of 36 BOPD and 70 MCPD (please see attached production test for the State F1 #11 Hardy Blinebry). The State F1 #11 is located ½ mile NW of the Oxy State F1 #1 (please see attached well location map). Based on well logs, the performance of the Hardy Blinebry in both the Oxy State F1 #1 and the State F1 #11 is expected to be comparable.

Using the production tests from the Hardy Tubb-Drinkard (72 BOPD, 165 MCFPD) in the Oxy State F1 #1 and from the Hardy Blinebry (36 BOPD, 70 MCFPD) in the State F1 #11, a fixed percentage allocation is recommended for the Oxy State F1 #1 as follows:

Pool	Fluid	Percent Allocation
Hardy Blinebry	Gas	30%
Hardy Blinebry	Oil	33%
Hardy Tubb-Drinkard	Gas	70%
Hardy Tubb-Drinkard	Oil	67%

Supporting Details

1. Oxy State F1 #1 Hardy Tubb-Drinkard pool production test
2. State F1 #11 Hardy Blinebry pool production test
3. T21S-R36E Section 1 well location map

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Revised February 21, 19

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

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35179		2 Pool Code 29710		3 Pool Name Hardy Blinebry	
4 Property Code 26605		5 Property Name Oxy State F-1			6 Well Number # 1
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 3497'

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
X	1	19S	36E		990	South	915	East	Lea

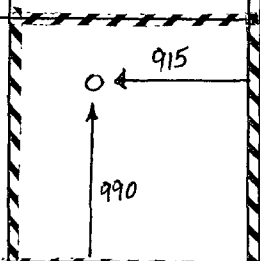
11 Bottom Hole Location If Different From Surface

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.
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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					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Kay Maddox Printed Name Regulatory Agent Title June 26, 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

District II
PO Drawer DD, Artesia, NM 88211-0719

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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

Revised February 21,
instructions on

Submit to Appropriate District ()
State Lease - 4 C
Fee Lease - 3 C

☐ AMENDED REP

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35176		2 Pool Code 29760		3 Pool Name Hardy Tubb Drinkard	
4 Property Code 26605		5 Property Name Oxy State F-1			6 Well Number #1
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 3497'

10 Surface Location

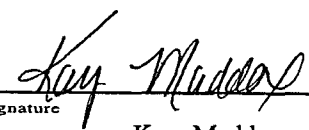
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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Kay Maddox Printed Name Regulatory Agent Title Date August 7, 2001
					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

