

DHC-Hol

Order Number

3916

API Number

30-25-39564

Operator

Apache Corporation

County

Lea

Order Date

07-09-10

Well Name

Bertha Barber

Number

22

Location

R

UL

5

Sec

205

T (+Dir)

37E

R (+Dir)

Oil %

71

Gas %

3

Pool 1

47090

Monument Tubb

Pool 2

97060

Monument Drinkard

Pool 3

Pool 4

Comments:

posted RBDMs 07-26-10 DM + COH

DOWNHOLE COMMINGLE CALCULATIONS:

OPERATOR: Apache Corp

DHC-HDB-396
30-025-39564

PROPERTY NAME: Bertha Barber

WNULSTR: #22 -K -5-205-37E

SECTION I:

POOL NO. 1 Monument - Tubb

ALLOWABLE AMOUNT

222 2220 MCF 10000

POOL NO. 2 Monument - Drinkard

142 284 MCF 2000

POOL NO. 3 _____

_____ MCF

POOL NO. 4 _____

_____ MCF

POOL TOTALS 364 2504

SECTION II:

POOL NO. 1 Monument - Tubb

Oil
71%

Gas
39%
97%

POOL NO. 2 Monument - Drinkard

$29\% \times 364 = 105.56$
< 106 >

POOL NO. 3 _____

POOL NO. 4 _____

OIL

GAS

SECTION III:

$29\% \div 142 = 489.65$
< 490 >

SECTION IV:

$71\% \times 490 = 347.90$
 $29\% \times 490 = 142.10$

< 348 >
< 142 >

District I
1625 N French Dr, Hobbs, NM 88240
District II
1301 W Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S St Francis Dr, Santa Fe, NM 87505

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OIL CONSERVATION DIVISION

JUL 08 2010 1220 South St. Francis Dr.
Santa Fe, NM 87505

HOBBSOCD

WELL API NO. 30-025-39564	/
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No. NA	
7. Lease Name or Unit Agreement Name Bertha Barber	/
8. Well Number 22	/
9. OGRID Number 873	/
10. Pool name or Wildcat Monument; Tubb / Monument; Drinkard	

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
Apache Corporation

3. Address of Operator
6120 S Yale Ave, Suite 1500 Tulsa, OK 74136

4. Well Location
Unit Letter K : 1650 feet from the South line and 1650 feet from the West line
Section 5 Township 20S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc)
3563'

12. 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 COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: DHC-Tubb/Drinkard ☒

13. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache used the subtraction method to determine the allocations for the DHC in this well.

Pursuant to Division Order R-11363

Pool Names:

Monument; Tubb 47090
Monument, Drinkard 97060

Actual Perforations:

Tubb 6300' - 6520'
Drinkard 6698' - 6800'

The allocation method is based on a subtraction method

	OIL	GAS	WATER
Tubb	71%	3%	39%
Drinkard	29%	97%	61%

Downhole commingling will not reduce the value of these pools.
Ownership is the same for each of these pools.

DHC-HOB-392

Spud Date:

Rig Release Date:

12/26/2009

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

SIGNATURE

Amber Cooke

TITLE Engineering Tech

DATE 06/28/2010

Type or print name Amber Cooke

E-mail address: amber.cooke@apachecorp.com

PHONE. 918.491.4968

For State Use Only

APPROVED BY:

[Signature]

TITLE

PETROLEUM ENGINEER

DATE

JUL 09 2010

Conditions of Approval (if any):

J.M.

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State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-39564	Pool Code 47090	Pool Name Monument ; Tubb
Property Code 306595	Property Name BERTHA BARBER	Well Number 22
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3563'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	5	20 S	37 E		1650	SOUTH	1650	WEST	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 80	Joint or Infill	Consolidation Code	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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <u>Amber Cooke</u> Date: <u>10/29/10</u></p> <p>Printed Name: <u>Amber Cooke</u></p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date Surveyed: <u>OCTOBER 22, 2010</u></p> <p>Signature & Seal of Professional Surveyor: <u>GARY L. JONES</u></p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>
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OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-39564	Pool Code 97060	Pool Name Monument ; Drinkard
Property Code 306595	Property Name BERTHA BARBER	Well Number 22
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3563'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	5	20 S	37 E		1650	SOUTH	1650	WEST	LEA

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Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p><u>GARY L. JONES</u> Date-Surveyor</p> <p><u>GARY L. JONES</u> Signature & Seal of Professional Surveyor</p>
	<p>Certificate No. Gary L. Jones 7977</p>
	<p>BASTIN SURVEYS</p>