

DAC-Hob

Order Number

396

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

29

97

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
3%
97%

POOL NO. 2 Monument - Drinkard

29% x 364 = 105.56
< 106 >

POOL NO. 3 _____

POOL NO. 4 _____

OIL

GAS

SECTION III:

29% ÷ 142 = 489.65
< 490 >

SECTION IV:

71% x 490 = 347.90
29% x 490 = 142.10

< 348 >
< 142 >

District I 1625 N French Dr., Hobbs, NM
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

RECEIVED

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 [] FEE [X]
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
11. Elevation (Show whether DR, RKB, RT, GR, etc) 3563'

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: [X] 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

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 [X]

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:

Table with 2 columns: Pool Name, Allocation. Rows: Monument; Tubb (47090), Monument, Drinkard (97060)

Actual Perforations:

Table with 2 columns: Pool Name, Perforation Range. Rows: Tubb (6300' - 6520'), Drinkard (6698' - 6800')

The allocation method is based on a subtraction method

Table with 3 columns: Pool Name, OIL, GAS, WATER. Rows: 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

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE JUL 09 2010

Conditions of Approval (if any):

J.M.

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, 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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JUL 08 2010

HOBBSOCD

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

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

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 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 style="text-align: center;">SURFACE LOCATION Lat - N 32°35'58.31" Long - W 103°16'36.61" NMSPC- N 583455.756 E 866697.187 (NAD-83)</p>	<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><i>Amber Cooke</i> 6/29/10 _____ Signature Date</p> <p>Amber Cooke _____ Printed Name</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>October 22, 2009 _____ Date Surveyed</p> <p><i>Gary L. Jones</i> _____ Signature & Seal of Professional Surveyor</p> <p></p>
	<p>Certificate No. Gary L. Jones 7977</p>
	<p style="text-align: center;">BASIN SURVEYS</p>

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88203

July 08 2010

Submit to Appropriate District Office

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87412

HOBBSOCD

OIL CONSERVATION DIVISION

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

State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 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

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.
-----------------------	-----------------	--------------------	-----------

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	<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><i>Amber Cooke</i> 6/29/10 Signature Date</p> <p>Amber Cooke Printed Name</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: OCTOBER 22, 2009 Signature & Seal of Professional Surveyor <i>Gary L. Jones</i></p>
	<p>Certificate No. Gary L. Jones 7977</p>
	<p>BASTIN SURVEYS</p>