

Order Number
040
40B-0360

API Number
30-025-34637

Operator
Apache Corp

County
Lea/Fee

Order Date
3/3/10

Well Name
DC Hardy

Number
15

Location
UL P 20 215 370
Sec T(+Dir) R(+Dir)

Oil %
49%

Gas %
40%

WTR 39%

Pool 1
60240
Tubb D+G < 0.1

Oil %
96%

Gas %
60%

WTR 37%

Pool 2
19190
Drinkard

Pool 3

Pool 4

Comments: Posted ABOrns 3/8/10 dm

DOWNHOLE COMMINGLE CALCULATIONS:

DHC-403 - 0360
API # 30-025-39637

OPERATOR: Apache Corp

PROPERTY NAME: DC Hardy

WNULSTR: #11-P-20-215-37e

SECTION I:		ALLOWABLE AMOUNT		
POOL NO. 1	<u><60240></u> <u>Tubb DAG <Oil></u>	<u>142</u>	<u>284</u> MCF	<u>2000</u>
POOL NO. 2	<u><19190></u> <u>Drinkard</u>	<u>142</u>	<u>852</u> MCF	<u>6000</u>
POOL NO. 3	_____	_____	_____ MCF	
POOL NO. 4	_____	_____	_____ MCF	
POOL TOTALS		<u>284</u>	<u>1146</u>	

SECTION II:		<u>Oil</u>	<u>GAS</u>
POOL NO. 1	<u>Tubb DAG <Oil></u>	<u>4%</u>	<u>40%</u>
POOL NO. 2	<u>Drinkard</u>	<u>96% x 284 = 272.64</u>	<u>60%</u>
POOL NO. 3	_____		<u><273></u>
POOL NO. 4	_____		

	<u>OIL</u>	<u>GAS</u>
SECTION III:		
	<u>96% ÷ 142 = 147.92</u>	<u><148></u>
SECTION IV:		
	<u>4% x 148 = 5.92</u>	<u><6></u>
	<u>96% x 148 = 142.08</u>	
	_____	_____
	_____	_____

June 19, 2008

at 1111 North Dr., Hobbs, NM 88240
 at 1111 W. Grand Ave., Artesia, NM 88210
 at 1111 Rio Pecos Rd., Aztec, NM 87400
 at 1111 S. St. Francis Dr., Santa Fe, NM 87505

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 MAR 01 2010
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CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-39637
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 DC Hardy
8. Well Number 11
9. OGRID Number 873
10. Pool name or Wildcat Tubb Oil & Gas (Oil) & 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.

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

Name of Operator

The Corporation

Address of Operator

333 Yale Ave, Suite 1500 Tulsa, OK 74136

Well Location

Unit Letter P 1310 feet from the South line and 1250 feet from the East line
 Section 20 Township 21S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
 3489' GR

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 ☐
 WILL OIL ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

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

OTHER Request DHC Tubb/Drinkard

☒

OTHER

☐

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.

Pursuant to Division Order R-11363:

Pool Names:

Tubb Oil & Gas (Oil) 60240
 Drinkard 19190

Proposed Perforations:

Tubb: 6128' - 6304'
 Drinkard: 6601' - 6731'

The allocation method will be as follows based on offset production (see attached application for exception to Rule 303-C)

	OIL	GAS	WATER
Tubb	4%	40%	3%
Drinkard	96%	60%	97%

Downhole commingling will not reduce the value of these pools

Ownership is the same for each of these pools

DHC-HOB-0359

paid Date: 01/28/2010

Rig Release Date: 02/07/2010

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 02/26/2010

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

MAR 03 2010

Conditions of Approval (if any):

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

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

WELL API NO. 30-025-39637 /
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7. Lease Name or Unit Agreement Name DC Hardy /
8. Well Number 11 /
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10. Pool name or Wildcat Tubb Oil & Gas (Oil) & Drinkard

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The Corporation

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3489' GR

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TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
DRILL OR ALTER CASING ☐ MULTIPLE COMPLETIONS ☐
DOWNHOLE COMMINGLING ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐
CASING/CEMENT JOB ☐

OTHER Request DHC Tubb/Drinkard

☒

OTHER:

☐

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DHC-HOB-0360

Filed Date:

01/28/2010

Rig Release Date:

02/07/2010

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SIGNATURE

Amber Cooke

TITLE Engineering Tech

DATE 02/26/2010

Type of 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

MAR 03 2010

Conditions of Approval (if any):

ICT I
French L., Hobbs, NM 88240
ICT D
Grand Avenue, Artesia, NM 88210

ICT D
to Drury Rd., Aztec, NM 87410

ICT I
St. Francis Dr., Santa Fe, NM 87505

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

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OIL CONSERVATION DIVISION

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

MAR 01 2010

HOBBSON

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

PI Number	Pool Code	Pool Name
1-023-39637	60240	Tubb Oil & Gas (Oil)
Property Code	Property Name	Well Number
814	DC HARDY	11
OGP No.	Operator Name	Elevation
3	APACHE CORPORATION	3489'

Surface Location

or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	20	21 S	37 E		1310	SOUTH	1250	EAST	LEA

Bottom Hole Location If Different From Surface

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

Indicated Acres	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

OPERATOR CERTIFICATION

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.

Amber Cooke 2/18/10
Signature Date

Amber Cooke
Printed Name

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.

DECEMBER 1, 2009
Date Surveyed
Signature & Seal of Professional Surveyor
GARY L. JONES
7977

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

SURFACE LOCATION
Lat - N 32°27'38.70"
Long - W 103°10'50.17"
NMSPCE- N 533271.8
E 896882.3
(NAD-83)

1250'

1310'

SECT I

French Cr., Hobbs, NM 88240

SECT I

Grand Ave., Artesia, NM 88210

SECT D

o Brazo Rd., Aztec, NM 87410

SECT I

BL Franc Dr., Santa Fe, NM 87505

RECEIVED

MAR 01 2010

HOBBS

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Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87505

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