

PNRM0334233342

C-103 Received 11-25-03
DHC No. Assigned 12-4-03

Order Number

HOB-0061

API Number

30-025-36305

Operator

Apache Corporation

County

Lea

Order Date

Well Name

Number

Location

State C Tract 12

14

D

16

21S

37E

UL

Sec

T (+Dir)

R (+Dir)

Oil %

Gas %

Pool 1

06660

Blinbry Oil & Gas (Oil)

50%

41%

Pool 2

60240

Tubb Oil & Gas (Oil)

13%

21%

Pool 3

19190

Drinkard

37%

38%

Pool 4

Comments:

Work complete & effective
Work cancelled effective
Supplement

DOWNHOLE COMMINGLE CALCULATIONS:

30-025-36305
HOB-0061

OPERATOR: Apache Corporation

PROPERTY NAME: State C Tract 12

WNULSTR: 14-D, 16-21-37

SECTION I:

		ALLOWABLE AMOUNT	
06660 POOL NO. 1	<u>BLinebry Oil & Gas (Oil)</u>	<u>107</u>	<u>428</u> MCF <u>4000</u>
60240 POOL NO. 2	<u>Tubb Oil & Gas (Oil)</u>	<u>142</u>	<u>284</u> MCF <u>2000</u>
19190 POOL NO. 3	<u>Drinkard</u>	<u>142</u>	<u>852</u> MCF <u>6000</u>

POOL NO. 4 _____ MCF

POOL TOTALS 391 1564

SECTION II:

		Oil	Gas
ABLI40000 POOL NO. 1	<u>BLinebry Oil & Gas (Oil)</u>	50% X 391 = 195.50	41%
ATUB50000 POOL NO. 2	<u>Tubb Oil & Gas (Oil)</u>	13%	21%
ADRI30000 POOL NO. 3	<u>Drinkard</u>	37%	38%

POOL NO. 4 _____

OIL

GAS

SECTION III:

107 ÷ 50% = 214

SECTION IV:

<u>214 X 50%</u>	<u>=</u>	<u>107</u>
<u>214 X 13%</u>	<u>=</u>	<u>27.82 (28)</u>
<u>214 X 37%</u>	<u>=</u>	<u>79.18 (79)</u>

State of New Mexico
Energy, Minerals and Natural ResourcesFORM C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION

1220 South St. Francis Drive
Santa Fe, NM 87505

WELL API NO

30-025-36305

5. Indicate Type of Lease

☒ STATE☐ FEE

6. State Oil & Gas Lease No.

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 South Yale, Suite 1500 Tulsa, Oklahoma 74136-4224

4. Well Location

Unit Letter D : 1240 Feet From The North Line and 1270 Feet From The West Line
Section 16 Township 21S Range 37E NMPM Lea County

10. Elevation (Show whether DP, RKB, RT, GR, etc.)

GR

7. Lease Name or Unit Agreement Name

State C Tract 12

8. Well No.

14

9. Pool name or Wildcat

Drinkard, Blinebry O&G, Tubb O&G

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

☐ Perform Remedial Work☐ Plug and Abandon☐ Temporarily Abandon☐ Change Plans☐ Pull or Alter Casing☒ Other Downhole commingle☐ Remedial Work☐ Altering Casing☐ Commence Drilling Operations☐ Plug and Abandonment☐ Casing Test and Cement Job☐ Other

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

Per OCD order 11363, Apache seeks to downhole commingle the designated pools:

	Pool Code:	Perforations:
Blinebry Oil & Gas	(19190) 06660	5652 - 5772
Drinkard	(66660) 19190	6596 - 6646
Tubb Oil & Gas	(60240)	6162 - 6282

The allocation method will be as follows:

Test: 34 x 133 x 50

	Oil	Gas	Water
Blinebry Oil & Gas	17 (50%)	54 (41%)	25 (50%)
Drinkard	13 (37%)	51 (38%)	19 (37%)
Tubb Oil & Gas	4 (13%)	28 (21%)	6 (13%)

Downhole commingling will not reduce the value of these pools.

Ownership is the same for each of these pools.

DHC Order No. HOB-0061

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

SIGNATURE

Kara Coday

TITLE

Sr. Engineering Technician

DATE

11/20/2003

TYPE OR PRINT NAME

Kara Coday

TELEPHONE NO.

918/491-4957

(This space for State Use)

APPROVED BY

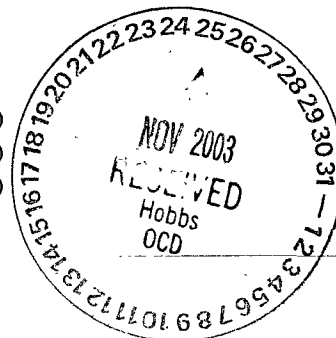
TITLE

ORIGINAL SIGNED BY

DATE

DEC 08 2003

CONDITIONS OF APPROVAL, IF ANY:

PAUL F. KAUTZ
PETROLEUM ENGINEER

State of New Mexico
Energy, Minerals and Natural Resources

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

FORM C-103
Revised March 25, 1999

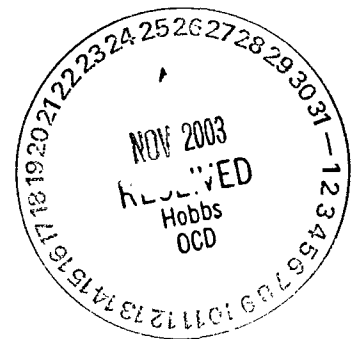
<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)</p>		<p>WELL API NO. 30-025-36305</p>
<p>1. Type of Well: <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER </p>		<p>5. Indicate Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE </p>
<p>2. Name of Operator <u>Apache Corporation</u> </p>		<p>6. State Oil & Gas Lease No.</p>
<p>3. Address of Operator <u>6120 South Yale, Suite 1500 Tulsa, Oklahoma 74136-4224</u> </p>		<p>7. Lease Name or Unit Agreement Name <u>State C Tract 12</u> </p>
<p>4. Well Location Unit Letter <u>D</u> : <u>1240</u> Feet From The <u>North</u> Line and <u>1270</u> Feet From The <u>West</u> Line Section <u>16</u> Township <u>21S</u> Range <u>37E</u> NMPM <u>Lea</u> County 10. Elevation (Show whether DF, RKB, RT, GR, etc.) <u>GR</u> </p>		<p>8. Well No. <u>14</u> </p>
<p>9. Pool name or Wildcat <u>Drinkard, Blinbry O&G, Tubb O&G</u> </p>		

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

<p>NOTICE OF INTENTION TO:</p> <p> <input type="checkbox"/> Perform Remedial Work <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> Change Plans <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Other </p>	<p>SUBSEQUENT REPORT OF:</p> <p> <input type="checkbox"/> Remedial Work <input type="checkbox"/> Altering Casing <input type="checkbox"/> Commence Drilling Operations <input type="checkbox"/> Plug and Abandonment <input type="checkbox"/> Casing Test and Cement Job <input checked="" type="checkbox"/> Other Abandon Abo </p>
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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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

8/11/2003 Set CIBP @ 6840' & dumped 35' cmt on plug. Abandon Abo.



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

SIGNATURE Kara Coday TITLE Sr. Engineering Technician DATE 11/19/2003
 TYPE OR PRINT NAME Kara Coday TELEPHONE NO.

(This space for State Use)

APPROVED BY [Signature] TITLE DATE
 CONDITIONS OF APPROVAL, IF ANY:

State of New Mexico
Energy, Minerals and Natural Resources

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

FORM C-103
Revised March 25, 1999

SUNDRY NOTICES AND REPORTS ON WELLS		WELL API NO 30-025-36305	
(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.)		5. Indicate Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE	
1. Type of Well: <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		6. State Oil & Gas Lease No.	
2. Name of Operator Apache Corporation		7. Lease Name or Unit Agreement Name State C Tract 12	
3. Address of Operator 6120 South Yale, Suite 1500 Tulsa, Oklahoma 74136-4224		8. Well No. 14	
4. Well Location Unit Letter D : 1240 Feet From The North Line and 1270 Feet From The West Line Section 16 Township 21S Range 37E NMPM Lea County		9. Pool name or Wildcat Drinkard, Blinebry O&G, Tubb O&G	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR			

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
<p>NOTICE OF INTENTION TO:</p> <p><input type="checkbox"/> Perform Remedial Work <input type="checkbox"/> Plug and Abandon</p> <p><input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> Change Plans</p> <p><input type="checkbox"/> Pull or Alter Casing</p> <p><input checked="" type="checkbox"/> Other Downhole commingle</p>	<p>SUBSEQUENT REPORT OF:</p> <p><input type="checkbox"/> Remedial Work <input type="checkbox"/> Altering Casing</p> <p><input type="checkbox"/> Commence Drilling Operations <input type="checkbox"/> Plug and Abandonment</p> <p><input type="checkbox"/> Casing Test and Cement Job</p> <p><input type="checkbox"/> Other</p>

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

Per OCD order 11363, Apache seeks to downhole commingle the designated pools:

	Pool Code:	Perforations:
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Drinkard	(66660) 19190	6596 - 6646
Tubb Oil & Gas	(60240)	6162 - 6282

The allocation method will be as follows:

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Downhole commingling will not reduce the value of these pools.

Ownership is the same for each of these pools.

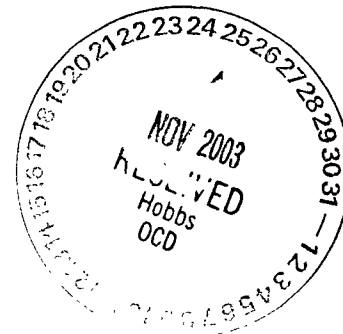
DHC Order No. HOB-0061

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

SIGNATURE Kara Coday TITLE Sr. Engineering Technician DATE 11/20/2003
TYPE OR PRINT NAME Kara Coday TELEPHONE NO. 918/491-4957

(This space for State Use)

APPROVED BY [Signature] TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-102

Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-25-36305	Pool Name BLINEBRY OIL AND GAS (OIL)	Pool Code 6660
Property Code 23113	Property Name STATE C TRACT 12	Well No. 014
OGRID No. 873	Operator Name Apache Corporation	Elevation 3479

Surface And Bottom Hole Location

UL or Lot D	Section 16	Township 21S	Range 37E	Lot Idn	Feet From 1240	N/S Line N	Feet From 1270	E/W Line W	County Lea
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

OPERATOR CERTIFICATION

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

Electronically Signed By: Larry Rader
Title: Technical Coordinator
Date: 6/19/2003

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.

Electronically Signed By: Ronald Eidson
Date of Survey: 4/30/2003
Certificate Number: 3239

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

Energy, Minerals and Natural Resources

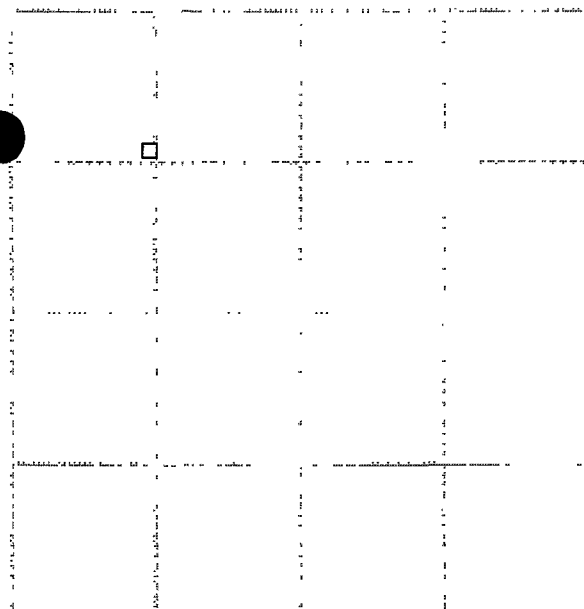
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-25-36305	Pool Name DRINKARD	Pool Code 19190
Property Code 23113	Property Name STATE C TRACT 12	Well No. 014
OGRID No. 873	Operator Name Apache Corporation	Elevation 3479

Surface And Bottom Hole Location

UL or Lot D	Section 16	Township 21S	Range 37E	Lot Idn	Feet From 1240	N/S Line N	Feet From 1270	E/W Line W	County Lea
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						



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State of New Mexico
Energy, Minerals and Natural Resources

Form C-102

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1220 S. St Francis Dr , Santa Fe, NM 87505

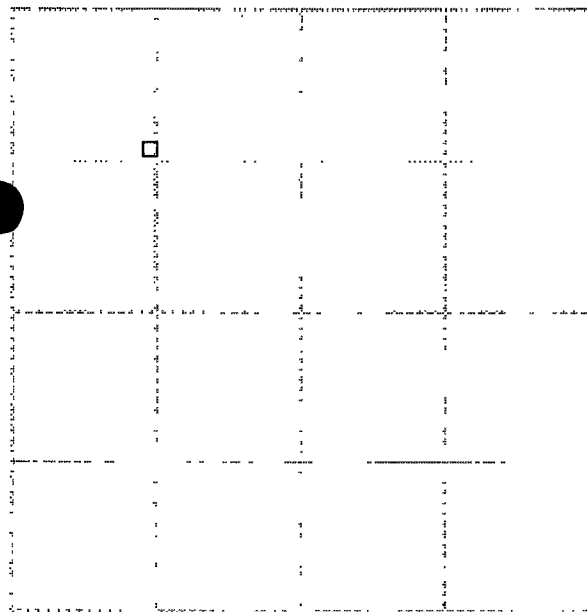
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-25-36305	Pool Name TUBB OIL AND GAS (OIL)	Pool Code 60240
Property Code 23113	Property Name STATE C TRACT 12	Well No. 014
OGRID No. 873	Operator Name Apache Corporation	Elevation 3479

Surface And Bottom Hole Location

UL or Lot D	Section 16	Township 21S	Range 37E	Lot Idn	Feet From 1240	N/S Line N	Feet From 1270	E/W Line W	County Lea
Dedicated Acres 40		Joint or Infill		Consolidation Code		Order No.			



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Title: Technical Coordinator

Date: 6/19/2003

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Electronically Signed By: Ronald Eidson

Date of Survey: 4/30/2003

Certificate Number: 3239

OCD CHECK OFF:

Donna ☒
Paul ☒
Chris ☒
Nelda ☐
(Assign District
DHC order #)

SUBJECT: C-103 Check List for Downhole commingling for wells located in pre-approved pools or area.

Gentlemen:

We are returning the C-103 form attached because of missing information. Due to a large number of miss-filed forms, we are returning form(s) for downhole commingling with missing information. Missing information can delay the processing of your application. Please add the required information checked no below.

YES/ NO

☒ ☐ (i) number of Division order that established pre-approved pool or area.

☒ ☐ (ii) names of pools and pool codes.

☒ ☐ (iii) Perforated intervals. (top -- bottom perf)

☒ ☐ (iv) allocation method and supporting data.

☒ ☐ (v) a statement that the commingling will not reduce the value of the total remaining production.

Same ☐ (vi) did applicant indicate that ownership or percentages between pools to be commingled is different by statement.

If (vi) is yes

☐ ☐ A statement attesting that applicant sent notice to all interest owners in the spacing unit By certified mail (return receipt) of its intent to apply for downhole commingling and no objection was received within 20 days of sending this notice.

If (vi) is yes

☐ ☐ Did operator hold C-103 for twenty days after sending notice

☒ ☐ (vii)a Spacing unit contains state lands.

☐ ☐ (vii)b Spacing unit contains federal lands.

If (vii)a is yes

☒ ☐ A statement attesting that applicant sent a copy of the Division Form C-103 to the Commissioner of Public Lands for the Sate of New Mexico

If (vii)b is yes

☐ ☐ A statement attesting that applicant sent a copy of the Division Form C-103 to the Bureau of Land Management.