

API 30-025-39114
DEC-HOB-

DOWNHOLE COMMINGLE CALCULATIONS:

OPERATOR: Conoco Phillips Co

PROPERTY NAME: Lockhart A-27

WNULSTR: [#]23-c, 27-214-320

SECTION I:		ALLOWABLE AMOUNT	
POOL NO. 1	<u>Blinberry 846 (oil)</u>	<u>107</u>	<u>428</u> MCF <u>4000</u>
POOL NO. 2	<u>Tubb 846 (oil)</u>	<u>142</u>	<u>284</u> MCF <u>2000</u>
POOL NO. 3	<u>Drinkard</u>	<u>142</u>	<u>852</u> MCF <u>6500</u>
POOL NO. 4			
POOL TOTALS		<u>391</u>	<u>1564</u> MCF

SECTION II:			
POOL NO. 1	<u>Blinberry 846</u>	<u>5%</u>	<u>60%</u>
POOL NO. 2	<u>Tubb 846</u>	<u>25%</u>	<u>35%</u>
POOL NO. 3	<u>Drinkard</u>	<u>70%</u>	<u>18%</u>
POOL NO. 4			

$70\% \times 391 = 273.7$
274

SECTION III:	<u>OIL</u>	<u>GAS</u>
$142 \div 70\% = 202.86$		

SECTION IV:	
$203 \times 5\% = 10.15$ <u>(10)</u>	
$203 \times 25\% = 50.75$ <u>(51)</u>	
$203 \times 70\% = 142.1$ <u>(142)</u>	

Office
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
1000 S. St. Francis Dr., Santa Fe, NM 87505

Energy, Minerals and Natural Resources

June 19, 2008

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OIL CONSERVATION DIVISION

JUL 02 2009

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

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)		WELL API NO. <input checked="" type="checkbox"/> 30-025-39114
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/> Fed <input checked="" type="checkbox"/>
2. Name of Operator ConocoPhillips Company		6. State Oil & Gas Lease No. N/A
3. Address of Operator P.O. Box 51810 Midland, Tx 79710		7. Lease Name or Unit Agreement Name Lockhart A-27
4. Well Location Unit Letter C : 990 feet from the North line and 2375 feet from the West line Section 27 Township 21S Range 37E NMPM Lea County		8. Well Number # 23
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3407		9. OGRID Number 217817
		10. Pool name or Wildcat Blinebry O&G Tubb O&G; Drinkard

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 ☒

OTHER: ☐

SUBSEQUENT REPORT OF:

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

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.

Per Order R-1163, ConocoPhillips intends to downhole comming the NM OCD Pre-Approved Pools: Blinebry O&G, Tubb O&G, and Drinkard.

The perforated intervals and allocations for each pool are as follows:

	5% oil	10% water	31% gas	
Blinebry				6660
Tubb	25% oil	24% water	18% gas	60240
Drinkard	70% oil	66% water	51% gas	19190

Perfs
5460-5680
5984-6202
6492-6596

Commingling of these pools will not reduce the value of the total remaining production.
The ownership working % between the intervals are identical.

DAC-HOB-0328

Spud Date:

Rig Release Date:

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

SIGNATURE

TITLE

Sr. Regulatory Specilast

DATE

7/1/2009

For print name
Date Use Only

Donna Williams

E-mail address:

Donna.J.Williams@

Conocophillips.com

PHONE:

432-688-6943

APPROVED BY:

TITLE

PETROLEUM ENGINEER

DATE

JUL 06 2009

Conditions of Approval (if any):

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

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

2 Name of Operator
ConocoPhillips Company

3a Address
P.O. Box 51810 Midland, Tx 79710

3b Phone No (include area code)
432-688-6943

4 Location of Well (Footage, Sec, T., R., M., or Survey Description)

990 FNL & 2375 FWL
NENW of 27-21S-37E

5 Lease Serial No.
NM LC 032096A

6 If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No.

8 Well Name and No.
Lockhart A-27 # 23

9 API Well No
30-025-39114

10 Field and Pool, or Exploratory Area
Blinebry O&G

Tubb O&G; Drinkard
11 County or Parish, State

Lea County, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other DHC
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Per Order R-1163, ConocoPhillips intends to downhole comming the NM OCD Pre-Approved Pools: Blinebry O&G, Tubb O&G, and Drinkard.

The perforated intervals and allocations for each pool are as follows:

	5% oil	10% water	31% gas
Blinebry			
Tubb	25% oil	24% water	18% gas
Drinkard	70% oil	66% water	51% gas

Commingling of these pools will not reduce the value of the total remaining production.
The ownership working % between the intervals are identical.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Donna Williams

Title Sr. Regulatory Specialist

Signature

Date

07/01/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 USC Section 1001 and Title 43 USC Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVEDDISTRICT I
1826 N. French Dr., Hobbs, NM 88240

JAN 21 2009

State of New Mexico
Energy, Minerals and Natural Resources DepartmentForm C-102
Revised October 12, 2005DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 CopiesDISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410**HOBBSON CONSERVATION DIVISION**
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-39114	Pool Code 6660	Pool Name Blinebry Oil & Gas
Property Code 35423	Property Name LOCKHART A-27	Well Number 23
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3407'

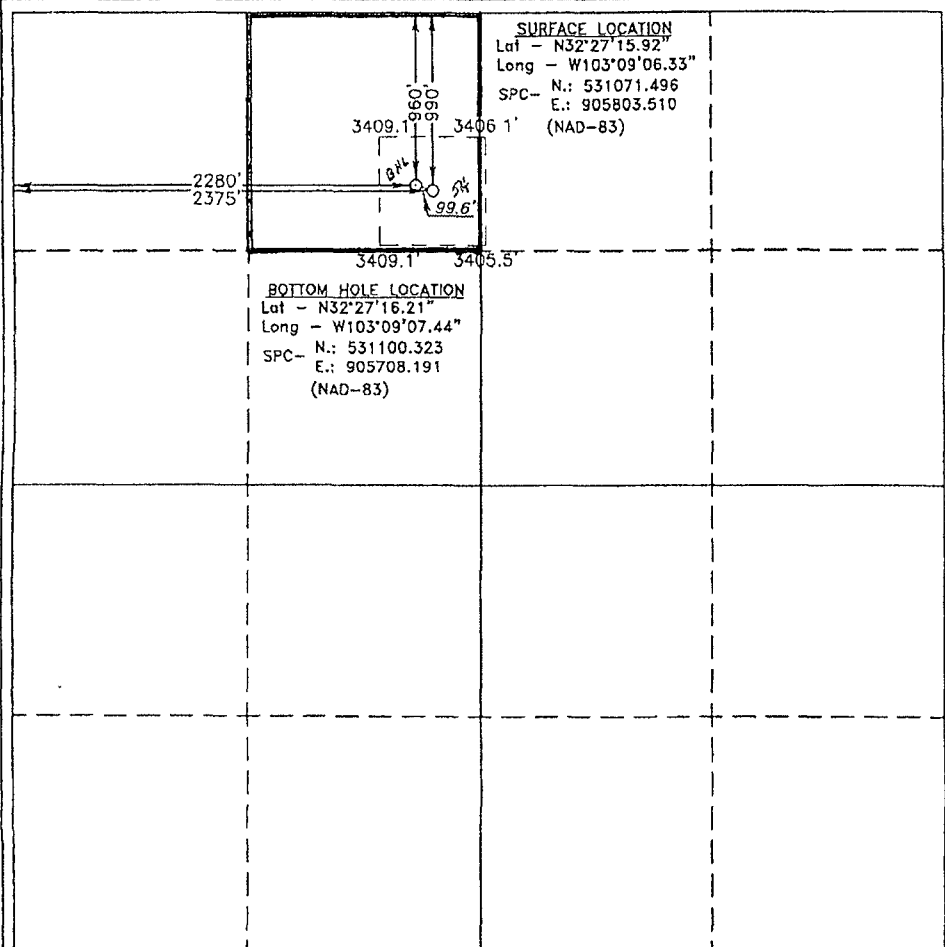
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	27	21 S	37 E		990	NORTH	2375	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
C	27	21 S	37 E		966 261.5	NORTH	2284.5 2284.5	WEST	LEA
Dedicated Acres 40	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

 <p>SURFACE LOCATION Lat - N32°27'15.92" Long - W103°09'06.33" SPC- N.: 531071.496 E.: 905803.510 (NAD-83)</p> <p>BOTTOM HOLE LOCATION Lat - N32°27'16.21" Long - W103°09'07.44" SPC- N.: 531100.323 E.: 905708.191 (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>S. Mackay</i> 1/6/2008 Signature Date</p> <p>Sophie Mackay 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>FEBRUARY 28, 2008 Date Surveyed</p> <p>GARY L. JONES Signature & Seal Professional Surveyor</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>
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RECEIVEDDISTRICT I
1825 N. French Dr., Hobbs, NM 88240DISTRICT II
1301 W. Grand Avenue, Artesia, NM 87410DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

JAN 21 2009

State of New Mexico
Energy, Minerals and Natural Resources DepartmentForm C-102
Revised October 12, 2005Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies**HOBBSDOWN CONSERVATION DIVISION**
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-39114 ✓	Pool Code 60240 ✓	Pool Name Tubb Oil & Gas ✓
Property Code 35423 ✓	Property Name LOCKHART A-27 ✓	Well Number 23 ✓
OGRID No. 873 ✓	Operator Name APACHE CORPORATION ✓	Elevation 3407' ✓

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	27	21 S	37 E		990	NORTH	2375	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
C	27	21 S	37 E		961.5	NORTH	2284.5	WEST	LEA
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
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	SURFACE LOCATION Lat - N32°27'15.92" Long - W103°09'06.33" SPC- N.: 531071.496 E.: 905803.510 (NAD-83)	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. Signature: <u>A. Mackay</u> 1/4/2008 Date: _____ Printed Name: <u>Sophie Mackay</u>
	BOTTOM HOLE LOCATION Lat - N32°27'16.21" Long - W103°09'07.44" SPC- N.: 531100.323 E.: 905708.191 (NAD-83)	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 Surveyed: <u>FEBRUARY 28, 2008</u> Signature: <u>GARY L. JONES</u> Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS

DISTRICT I
1826 N. French Dr., Hobbs, NM 88240

DISTRICT II
1801 W. Grand Avenue, Artesia, NM 88201

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87401

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

RECEIVED

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

JAN 21 2006
HOBBSOCD

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-39114 ✓	Pool Code 19190 ✓	Pool Name Drinkard ✓
Property Code 35423 ✓	Property Name LOCKHART A-27 ✓	Well Number 23 ✓
OGRID No. 873 ✓	Operator Name APACHE CORPORATION ✓	Elevation 3407' ✓

Surface Location

UL or lot No. C	Section 27	Township 21 S	Range 37 E	Lot Idn	Feet from the 990	North/South line NORTH	Feet from the 2375	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot No. C	Section 27	Township 21 S	Range 37 E	Lot Idn	Feet from the 990 961.5	North/South line NORTH	Feet from the 2375 2284.5	East/West line WEST	County LEA
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>FEBRUARY 28, 2008 Date Surveyed</p> <p><i>Gary L. Jones</i> Signature & Seal of Professional Surveyor</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>