

PNRM0411753183

C-103 Received 3-12-2004  
DHC No. Assigned 4-26-2004

Order Number		API Number	Operator		County			
H0B-0086		30-025-34171	Conoco Phillips Company		Lea			
Order Date		Well Name		Number	Location			
		Lockhart A-27		015	F	27	21S	37E
					UL	Sec	T (+Dir)	R (+Dir)
Pool 1		Oil %		Gas %				
06660		Blinebry Oil & Gas (Oil)		50%		40%		
Pool 2								
19190		Drinkard		50%		60%		
Pool 3								
Pool 4								
Comments: Work completed effective _____								
Work cancelled effective _____								
Supplement _____								

DOWNHOLE COMMINGLE CALCULATIONS:

30-025-34171

OPERATOR: Conoco Phillips Company

HOB-0086

PROPERTY NAME: Lockhart A-27

WNULSTR: 15-F, 27-21-37

06660

19190

SECTION I:		ALLOWABLE AMOUNT	
POOL NO. 1	<u>Blinebry Oil + Gas (Oil)</u>	<u>107</u>	<u>428</u> MCF 4000
POOL NO. 2	<u>Drinkard</u>	<u>142</u>	<u>852</u> MCF 6000
POOL NO. 3	_____	_____	_____ MCF
POOL NO. 4	_____	_____	_____ MCF
POOL TOTALS		<u>249</u>	<u>1280</u>

SECTION II:		Oil	Gas
POOL NO. 1	<u>Blinebry Oil + Gas (Oil)</u>	<u>50%</u>	<u>40%</u>
POOL NO. 2	<u>Drinkard</u>	<u>50% X 249 = 124.50</u>	<u>60%</u>
POOL NO. 3	_____	_____	_____
POOL NO. 4	_____	_____	_____

	<u>OIL</u>	<u>GAS</u>
SECTION III:	<u>107 ÷ 50% = 214.00 (214)</u>	_____
SECTION IV:	<u>214 X 50% = 107</u>	_____
	<u>214 X 50% = 107</u>	_____
	_____	_____
	_____	_____

Submit 3 Copies To Appropriate District 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  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised June 10, 2003

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

WELL API NO.	30-025-34171
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Lockhart A-27
8. Well Number	15
9. OGRID Number	217817
10. Pool name or Wildcat	Drinkard/Blinebry

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  
ConocoPhillips Company

3. Address of Operator 4001 Penbrook Street  
Odessa, TX 79762

4. Well Location  
Unit Letter F : 1980 feet from the North line and 2310 feet from the West line  
Section 27 Township 21S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3410' 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   
PULL OR ALTER CASING  MULTIPLE COMPLETION

SUBSEQUENT REPORT OF:

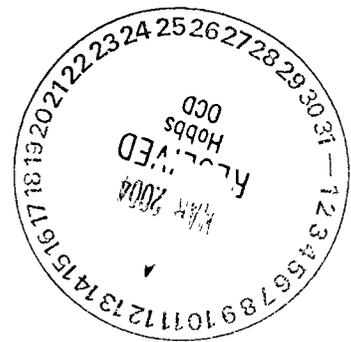
REMEDIAL WORK  ALTERING CASING   
COMMENCE DRILLING OPNS.  PLUG AND ABANDONMENT   
CASING TEST AND CEMENT JOB

OTHER: Downhole Commingle

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.

ConocoPhillips Company requests District approval to downhole commingle the Drinkard & Blinebry Pools per Order No. R11363 in the subject well.  
Form C-107A, with attachments, is enclosed.



DHC Order No. HOB-0086

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

SIGNATURE Celeste G. Dale TITLE Regulatory Analyst DATE 03/10/2004

Type or print name Celeste G. Dale E-mail address: \_\_\_\_\_ Telephone No. \_\_\_\_\_  
(This space for State use)

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE APR 22 2004

Conditions of approval, if any:

District I  
1625 N French Drive, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

District II  
1301 W Grand Avenue, Artesia, NM 88210

**Oil Conservation Division**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE  
 Single Well  
 Establish Pre-Approved Pools  
EXISTING WELLBORE  
 Yes  No

District III  
1000 Rio Brazos Road, Aztec, NM 87410

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

**APPLICATION FOR DOWNHOLE COMMINGLING**

ConocoPhillips Company 4001 Penbrook Street Odessa, TX 79762  
Operator Address  
Lockhart A-27 15 UL"F",S.27,T21S,R37E Lea  
Lease Well No. Unit Letter-Section-Township-Range County  
OGRID No. 217817 Property Code 31405 API No. 30-025-34171 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Blinebry Oil & Gas (Oil)		Drinkard
Pool Code	6660		19190
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5514' - 5550'		6350' - 6593'
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	<500psig (Est.)		<500psig (Est.)
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1200 BTU		1200 BTU
Producing, Shut-In or New Zone	Blinebry		Drinkard
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data )	Date: 12/ /2003 Rates: 75mcf, 3BOPD	Date: Rates:	Date: 06/ /2003 Rates: 104mcf, 3BO
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 50 % Gas 40 %	Oil % Gas %	Oil 50 % Gas 60 %

**ADDITIONAL DATA**

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes  No   
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes  No

Are all produced fluids from all commingled zones compatible with each other? Yes  No

Will commingling decrease the value of production? Yes  No

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes  No

NMOCD Reference Case No. applicable to this well: \_\_\_\_\_

- Attachments:
- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
  - Production curve for each zone for at least one year. (If not available, attach explanation.)
  - For zones with no production history, estimated production rates and supporting data.
  - Data to support allocation method or formula.
  - Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
  - Any additional statements, data or documents required to support commingling.

**PRE-APPROVED POOLS**

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Celeste G. Dale TITLE Regulatory Analyst DATE 02/26/04

TYPE OR PRINT NAME Celeste G. Dale TELEPHONE NO. ( ) (432)368-1667

E-MAIL ADDRESS Celeste.g.dale@conocoPhillips.com

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

District II  
1301 W Grand Avenue, Artesia, NM 88210

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100 Rio Brazos Rd., Aztec, NM 87410

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

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised June 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number 30-025-34171		2 Pool Code 19190		3 Pool Name Drinkard	
4 Property Code 34405		5 Property Name Lockhart A-27			6 Well Number 15
7 OGRID No 217817		8 Operator Name ConocoPhillips Company			9 Elevation 3410'

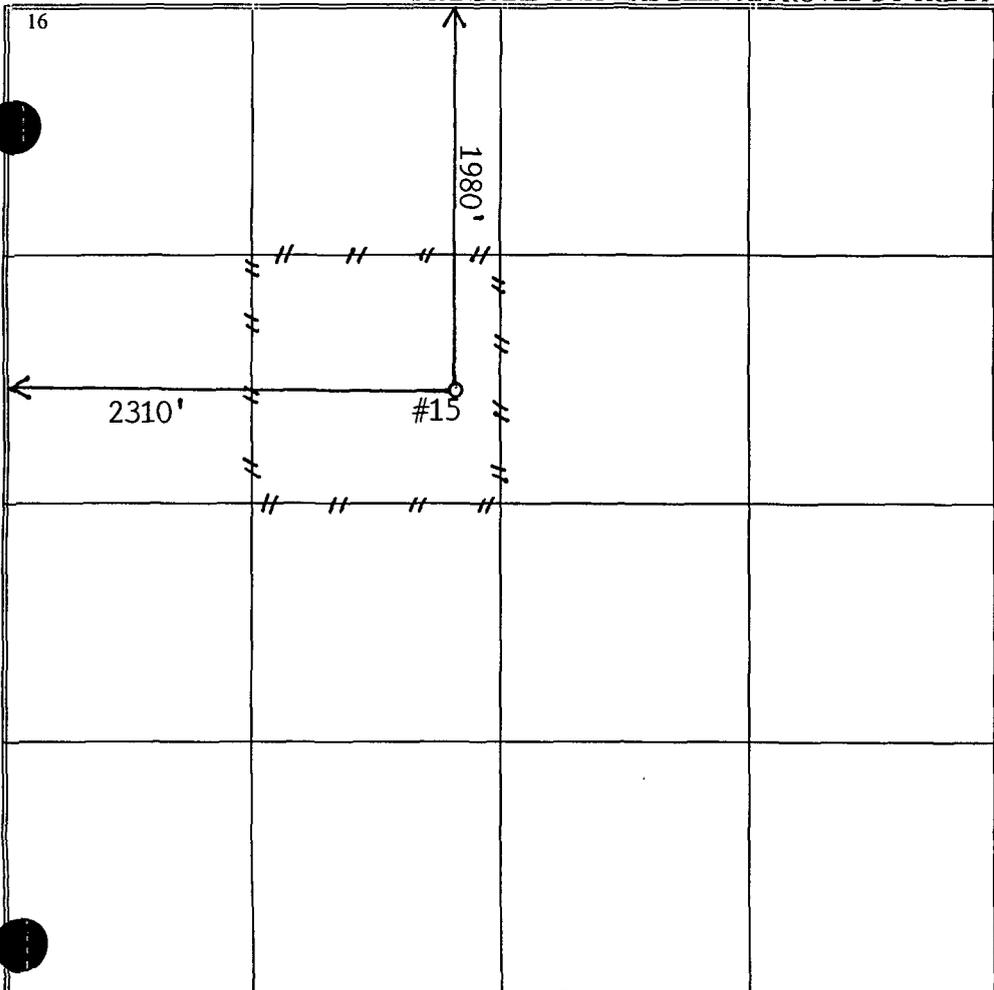
<sup>10</sup>Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	27	21S	37E		1980	North	2310	West	Lea

<sup>11</sup>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
12 Dedicated Acres 40		13 Joint or Infill		14 Consolidation Code		15 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



<sup>17</sup> OPERATOR CERTIFICATION  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Celeste G. Dale*  
Signature

Celeste G. Dale  
Printed Name  
Regulatory Analyst

Title and E-mail Address

02/26/2004  
Date

<sup>18</sup> 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.

06/30/97  
Date of Survey

Signature and Seal of Professional Surveyor

8278  
Certificate Number

District I  
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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised June 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies  
 AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-025-34171</b>		Pool Code <b>6660</b>		Pool Name <b>Blinebry Oil &amp; Gas (Oil)</b>	
Property Code		Property Name <b>Lockhart A-27</b>			Well Number <b>15</b>
OGRID No. <b>217817</b>		Operator Name <b>ConocoPhillips Company</b>			Elevation <b>3410'</b>

<sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	27	21S	37E		1980	North	2310	West	Lea

<sup>11</sup>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 <b>40</b>		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><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Celeste G. Dale</i> Signature</p> <p>Celeste G. Dale Printed Name Regulatory Analyst</p> <p>Title and E-mail Address</p> <p>02/26/2004 Date</p>
	<p><sup>18</sup> 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 of Survey</p> <p>Signature and Seal of Professional Surveyor</p>
	<p>Certificate Number</p>