

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

~~ROSWELL DISTRICT COPY~~

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE **N.M. Oil Cons. Division**

**P.O. Box 1980  
Hobbs, NM 88241**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**CONOCO INC.**

3. Address and Telephone No.

**10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424**

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

**Section 27, T-21-S, R-37-E, E<sup>1</sup>  
1980 FNL & 660 FWL**

5. Lease Designation and Serial No.

**LC 032096A** ✓

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No

**Lockhart A 27 #9** ✓

9. API Well No.

**30-025-06802**

10. Field and Pool, or Exploratory Area

**Blinebry Oil & Gas, Drinkard**

11. County or Parish, State

**Lea County, New Mexico**

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

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Repon  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Downhole Commingle**

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracrunng  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Repon result of multiple completion on Wdl Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

It is proposed to downhole Commingle the Blinebry and the Drinkard in this well.

**SUBJECT TO  
LIKE APPROVAL  
BY STATE**

14. I hereby certify that the foregoing is true and correct

Signed

*Kay Maddox*

Title

**Kay Maddox**

**Regulatory Agent**

Date

**4/24/98**

(This space for Federal or State office use)

Approved by

**(ORIG. SGD.) ALEXIS C. SWOBODA**

Title

**PETROLEUM ENGINEER**

Date

**APR 29 1998**

Conditions of approval if any:

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

Title 18 U.S.C. Section 1001, makes 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.

\*See Instruction on Reverse Side

DISTRICT I  
P.O. Box 1980 Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-A  
New 3-12-96

DISTRICT II  
811 South First St. Artesia NM 88210-2835

OIL CONSERVATION DIVISION

2040 S. Pacheco  
Santa Fe, New Mexico 87505-6429

APPROVAL PROCESS

☒ Administrative ☐ Hearing

DISTRICT III  
1000 Rio Brazos Rd. Aztec NM 87410-1693

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE

☒ YES ☐ NO

Conoco Inc.

10 Desta Dr. Ste 100W, Midland, Tx 79705-4500

Lockhart A 27

9

Section 27, T-21-S, R-37-E

Lea

Lease

Well No

Unit Ltr Sec Twp Rge

County

OGRID NO 005073

Property Code 003039

API NO

30-025-06802

Spacing Unit Lease Types (check 1 or more)  
Federal ☒ State ☐ (and/or) Fee ☐

| The following facts are submitted in support of downhole commingling  | Upper Zone   | Intermediate Zone | Lower Zone                              |
|---|--|-------------------|---|
| 1 Pool Name and Pool Code   | Blinberry Oil & Gas<br>06660                                   |                   | Drinkard<br>19190                       |
| 2 TOP and Bottom of Pay Section (Perforations)  | 5505-5745'   |                   | 6368-6568'                              |
| 3 Type of production (Oil or Gas)   | Oil  |                   | Oil                                     |
| 4 Method of Production (Flowing or Artificial Lift)   | Lift   |                   | Lift                                    |
| 5 Bottomhole Pressure   | a (Current)  | a                 | a                                       |
| Oil Zones - Artificial Lift<br>Estimated Current  | 650  |                   | 700                                     |
| Gas & Oil - Flowing<br>Measured Current   | b (Original)   | b                 | b                                       |
| All Gas Zones<br>Estimated Or Measured Original   | 2250   |                   | 2650                                    |
| 6 Oil Gravity (*API) or Gas BT Content  | 38   |                   | 39                                      |
| 7 Producing or Shut-In?   | To be Completed  |                   | Producing                               |
| Production Marginal? (yes or no)  | Yes (expected)   |                   | Yes                                     |
| - If Shut-In give date and oil/gas/water rates of last production   | Date Rates   | Date Rates        | Date Rates                              |
| Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data. |  |                   |   |
| - If Producing, date and oil/gas/water rates of recent test (within 60 days)  | Date Rates   | Date Rates        | Date Rates                              |
|   | Production to be allocated by subtraction - See attached table |                   | Est 3/15/98<br>1 BO, 48 MCFD,<br>O BOPD |
| 8 Fixed Percentage Allocation Formula - % of each zone  | Gas %  | Gas %             | Gas %                                   |

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☐ No  
If not, have all working, overriding, and royalty interests been notified by certified mail? ☒ Yes ☐ No  
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No

11. Will cross-flow occur? ☒ Yes ☐ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☒ Yes ☐ No (If No, attach explanation)

12. Are all produced fluids from all commingled zones compatible with each others ☒ Yes ☐ No

13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)

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

15. NMOC Reference Cases for Rule 303(D) Exceptions: ORDER NO(S) \_\_\_\_\_

16. 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 all offset operators.
- Notification list of working, overriding and royalty interests for uncommon interest cases.
- Any additional statements, data, or documents required to support commingling.

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

SIGNATURE

Kay Maddox

TITLE Regulatory Agent

DATE

4/24/98

TYPE OR PRINT NAME Kay Maddox

TELEPHONE NO. (915) 686-5798

April 24, 1998

Lockhart A 27 #9  
API 30-025-06802  
Section 27, R-21-S, R-37-E, E  
Lea County, New Mexico

RE: Application for Downhole Commingle C-107A

**Offset Operators:**

Lanexco  
PO Box 2730  
Midland, TX 79702-2730

Chevron  
935 Gravier St  
New Orleans, LA 70112-1625

Exxon  
PO Box 4778  
Houston, Tx 77210-4778

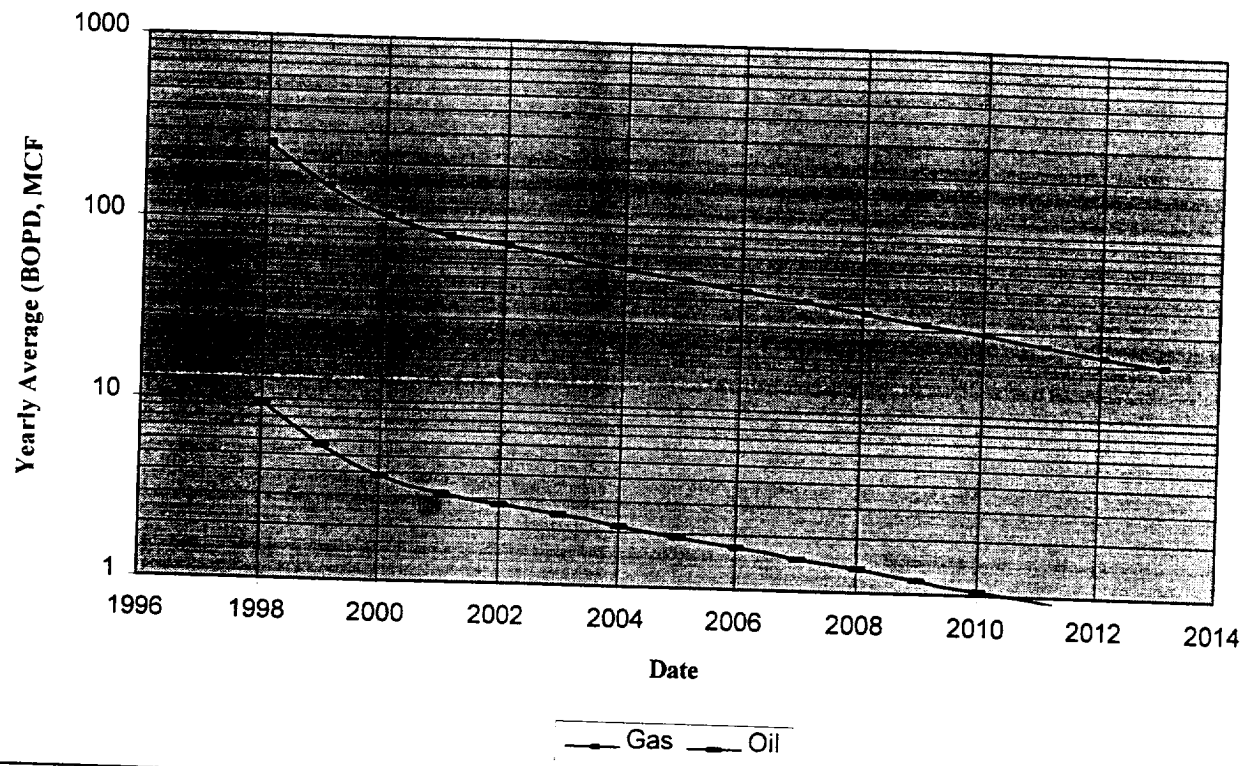
Titan Resources  
500 W. Texas Ave STE 500  
Midland, Tx 79701-4251

Marathon  
PO Box 552  
Midland, TX 79702

Altura Energy  
580 Westlake Park Blvd  
Houston, TX 77074

A copy of the C-107A was sent to the above listed parties

**Lockhart A27 9**  
**Expected Blinebry Production**



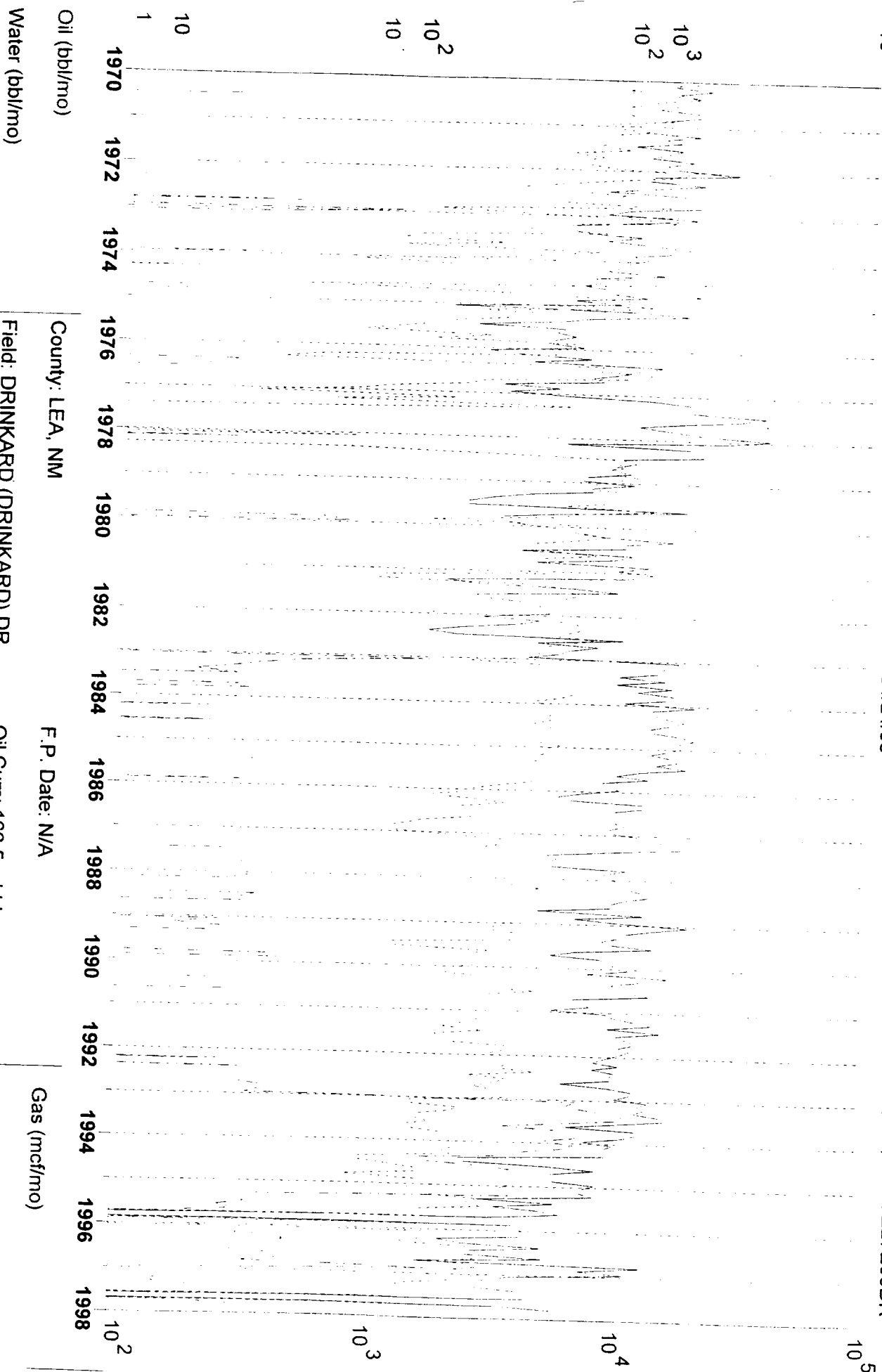
Based on a representative average of the nearest recent Blinebry completions:

Marshall B No. 9  
Marshall B No. 8  
JN Carson No. 9  
Lockhart A27 No. 16

10<sup>4</sup>  
10<sup>3</sup>  
Lease: LOCKHART A 27 (9)

Dwights  
04/24/98

Retrieval Code: 150.025.21S37E27E00DR



Oil (bbl/mo)

Water (bbl/mo)

County: LEA, NM

Field: DRINKARD (DRINKARD) DR

Reservoir: DRINKARD

Operator: CONOCO INC

F.P. Date: N/A

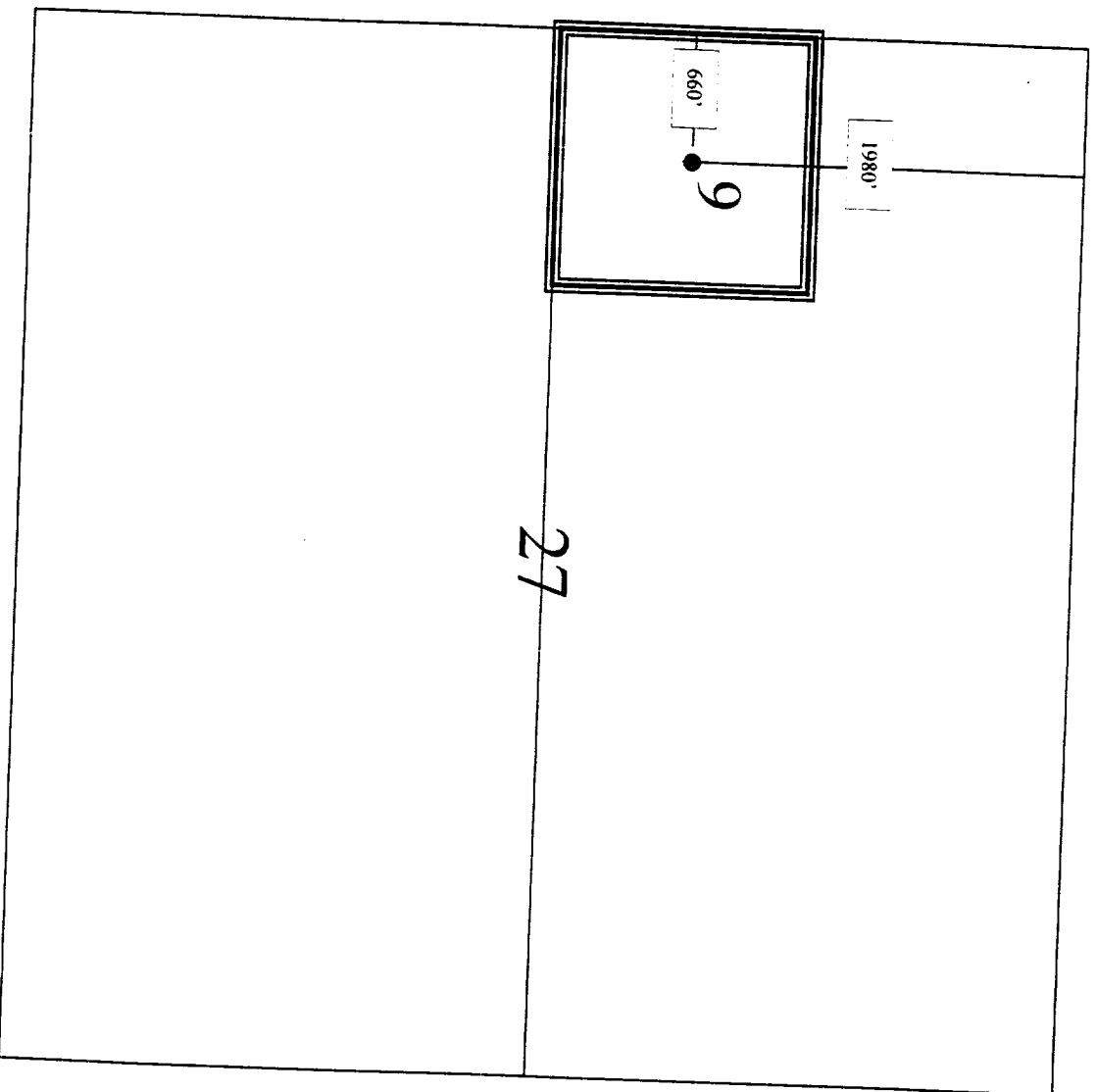
Oil Cum: 166.5 mbbl

Gas Cum: 2885 mmcf

Location: 27E 21S 37E

Gas (mcf/mo)

# Lockhart A27 No. 9 : Plat



District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd. Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-10

Revised February 21, 1998  
Instructions on back

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |   |                                   |
|----------------------------|---|-----------------------------------|
| API Number<br>30-025-06802 | 2 Pool Code<br>06660  | 3 Pool Name<br>Blinebry Oil & Gas |
| 4 Property Code<br>003039  | 5 Property Name<br>Lockhart A 27  | 6 Well Number<br>#9               |
| 7 OGRID No.<br>005073      | 8 Operator Name<br>Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500 | 9 Elevation                       |

10 Surface Location

|                    |               |                 |              |         |                       |                           |                      |                        |               |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot no.<br>E | Section<br>27 | Township<br>21S | Range<br>37E | Lot Idn | Feet from the<br>1980 | North/South line<br>North | Feet from the<br>660 | East/West line<br>West | County<br>Lea |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|---------------|

11 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<br>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

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17 OPERATOR CERTIFICATION

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

*Kay Maddox*  
Signature

Kay Maddox  
Printed Name

Regulatory Agent  
Title

April 24, 1998  
Date

18 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 of Survey

Signature and Seal of Professional Surveyor:

Certificate Number