

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

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☐ YES ☒ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Operator Conoco Inc. Address 10 Desta Dr., Ste 100W, Midland, TX 79705-4500

Lease Lockhart A 35 Well No 2 Unit Ltr Sec Twp Rge F-35-21S-37E County Lea

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 005073 Property Code 003041 API NO. 30-025-07031 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	Blinebry Oil and Gas - 06660		Tubb Gas - 60240
2. TOP and Bottom of Pay Section (Perforations)	5688' - 5886'		6092' - 6176'
3. Type of production (Oil or Gas)	Oil		Gas
4. Method of Production (Flowing or Artificial Lift)	Artificial Lift		Flowing
5. Bottom hole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	a (Current) 650 psia	a.	a. 715 psia
	b (Original) 2250	b.	b. 2540
6. Oil Gravity (°API) or Gas BTU Content	38.3		1255
7. Producing or Shut-In?	Shut-in		Producing
Production Marginal? (yes or no)  • If Shut-In give 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.  • If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Yes		Yes
	Date Rates	Date Rates	Date Rates
	Incremental Production by Subtraction - see table	Date Rates	Incremental Production by Subtraction
8. Fixed Percentage Allocation Formula -% for each zone	oil: % Gas %	oil: % Gas %	Oil: % 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)

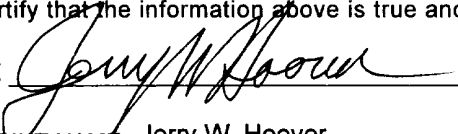
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No

15. NMOCD 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  TITLE Sr. Conservation Coord. DATE 4/15/97

TYPE OR PRINT NAME Jerry W. Hoover TELEPHONE NO. (915) 686-6548

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

**State of New Mexico**  
**Energy, Minerals & Natural Resources Department**

Revised February 21, 1994

instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

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

## OIL CONSERVATION DIVISION

PO Box 2088  
Santa Fe, NM 87504-2088

# WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-07031		2 Pool Code 06660		3 Pool Name Blinebry Oil and Gas	
4 Property Code 003041		5 Property Name Lockhart A 35			6 Well Number 2
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 3386

## 10 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	35	21S	37E		1980	N	1980	W	Lea

## 11 Bottom Hole Location If Different From Surface

UL or Id 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

16


1980'

1980'

Section 35

## 17 OPERATOR CERTIFICATION

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

  
Signature \_\_\_\_\_  
Jerry W. Hoover

Printed Name

**Sr. Conservation Coordinator**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Title																													

415/97

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

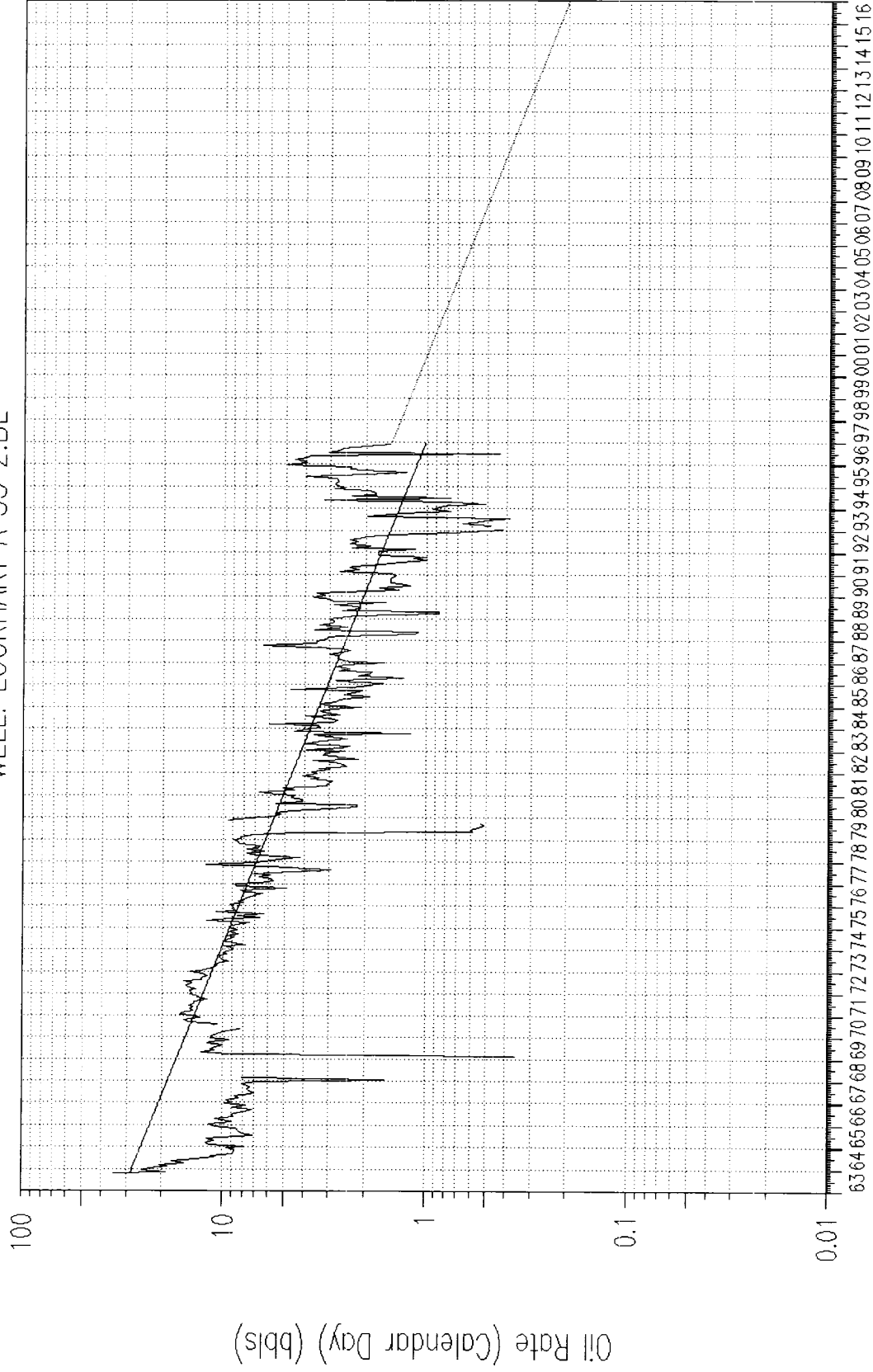
Signature and Seal of Professional Surveyor:

Certificate Number

## Data For Subtraction Method

<b>Blinebry Zone</b>				
Oil Decline Rate, Annual	0.0958			
Gas Decline Rate, Annual	0.0748			
<i>Year</i>	<i>Oil, BOPD</i>	<i>Gas, MCFPD</i>	<i>Oil, Monthly</i>	<i>Gas, Monthly</i>
1997	1.50	26.00	46	790
1998	1.36	24.13	41	733
1999	1.24	22.39	38	681
2000	1.13	20.77	34	632
2001	1.02	19.28	31	586
2002	0.93	17.89	28	544
2003	0.84	16.60	26	505
2004	0.77	15.40	23	468
2005	0.70	14.29	21	434
2006	0.63	13.26	19	403
2007	0.58	12.31	17	374
2008	0.52	11.42	16	347
2009	0.48	10.60	14	322
2010	0.43	9.83	13	299
2011	0.39	9.12	12	277
2012	0.36	8.47	11	257
2013	0.32	7.86	10	239
2014	0.29	7.29	9	222
2015	0.27	6.76	8	206
2016	0.24	6.28	7	191

WELL: LOCKHART A 35 2:BL



Decline Rate (frac) Nominal: 0.008392 Effective: 0.008357 Annual: 0.095800

Current Oil rate: 1.5 bbls/d

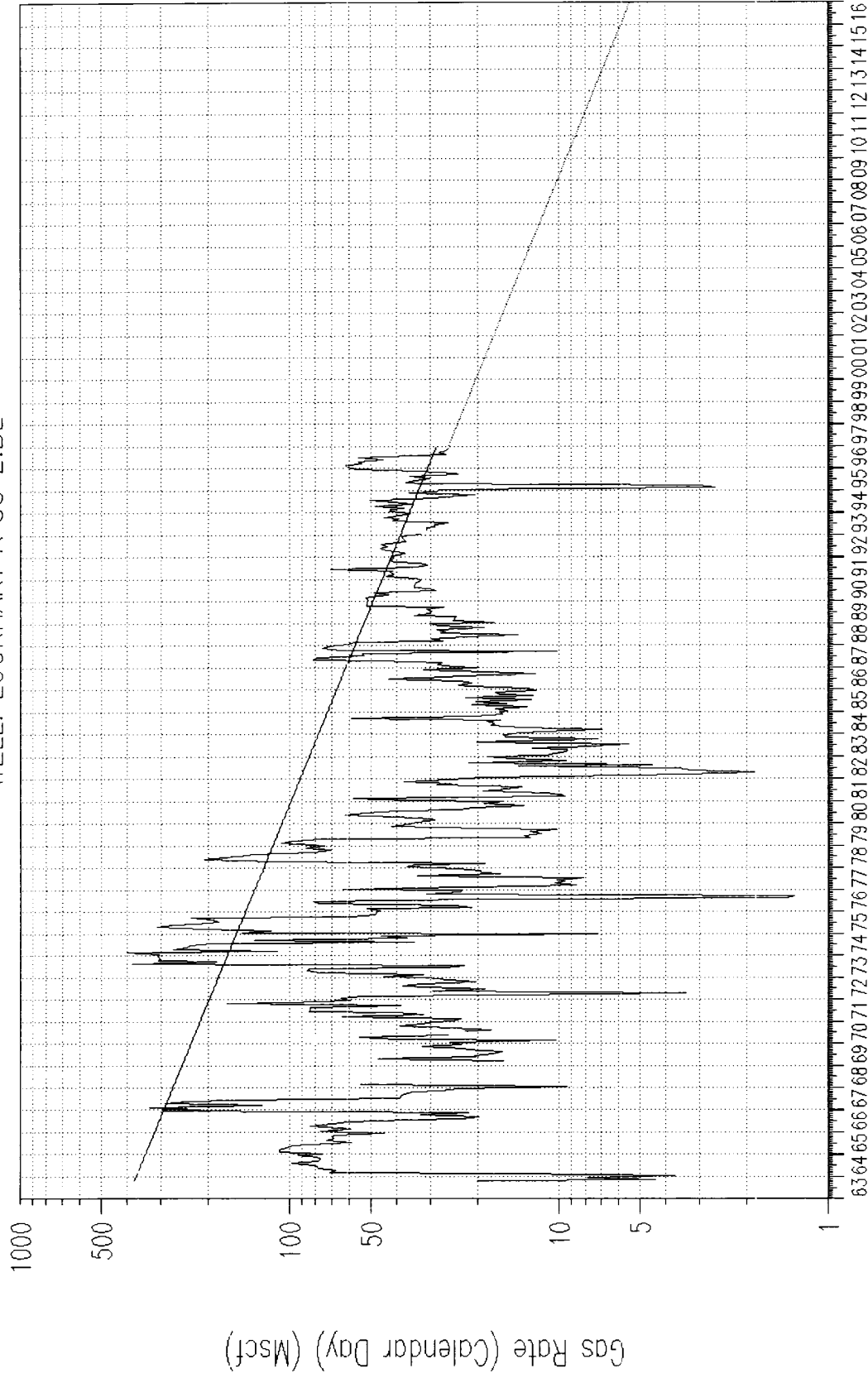
Economic Limit: 0.0 bbls/d

Cumulative Oil Produced: 70.8 Mbbls

Remaining Reserves: 4.7 Mbbls

Total Reserves: 75.5 Mbbls – At End of Forecast

WELL: LOCKHART A 35 2:BL



Decline Rate (frac) Nominal: 0.006480 Effective: 0.006459 Annual: 0.074819

Current Gas rate: 25.80 Mscf/d

Economic Limit: 0.258 Mscf/d

Cumulative Gas Produced: 620.12 MMscf

Remaining Reserves: 95.5 MMscf

Total Reserves: 715.6 MMscf – At End of Forecast

## Lockhart A-35 No. 2 DHC: Offset Operators

