



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

4/8/98

GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

Amended
DHC-337
4/27/98

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC	_____
DHC	_____X_____
NSL	_____
NSP	_____
SWD	_____
WFX	_____
PMX	_____

Gentlemen:

I have examined the application for the:

Conoco Inc Warren Unit #82-6-35-20s-38e
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

Recommend add column to allocation rept. showing
% allocation. This will help us see our system
is set up by percentages.

Yours very truly,

Chris Williams

Chris Williams
Supervisor, District 1

/ed

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

DISTRICT III

1000 Rio Brazos Rd. Aztec, NM 87410 1693

OIL CONSERVATION DIVISION

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

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Conoco Inc.

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

Warren Unit

82

Section 35, T-20-S, R-38-E, G

Lea

Lease

Well No

Unit Ltr Sec Twp Rge

County

OGRID NO. 005073

Property Code 003122

API NO.

30-025-26843

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	Blinebry Oil & Gas 06660		East Warren Tubb 87085
2. TOP and Bottom of Pay Section (Perforations)	5936-6094' 6131-6287'		6589-6761' (Proposed)
3. Type of production (Oil or Gas)	Gas		Oil
4. Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
5. Bottomhole Pressure	a (Current)	a.	a.
Oil Zones - Artificial Lift: Estimated Current	1500		2600
Gas & Oil - Flowing: Measured Current	b(Original)	b.	b.
All Gas Zones: Estimated Or Measured Original	2370		2600
6. Oil Gravity (*API) or Gas BT Content	40.1		?
7. Producing or Shut-In?	Shut-in		To be Completed
Production Marginal? (yes or no)	Yes		Yes
• If Shut-In give date and oil/gas/ water rates of last production	Date Rates EST 9/15/98 1 BOPD, 29 MCFD, 1 BWPD	Date Rates	Date Rates Production allocated by Subtraction - See attached table
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
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. NMOC Reference Cases for Rule 303(D) Exceptions:

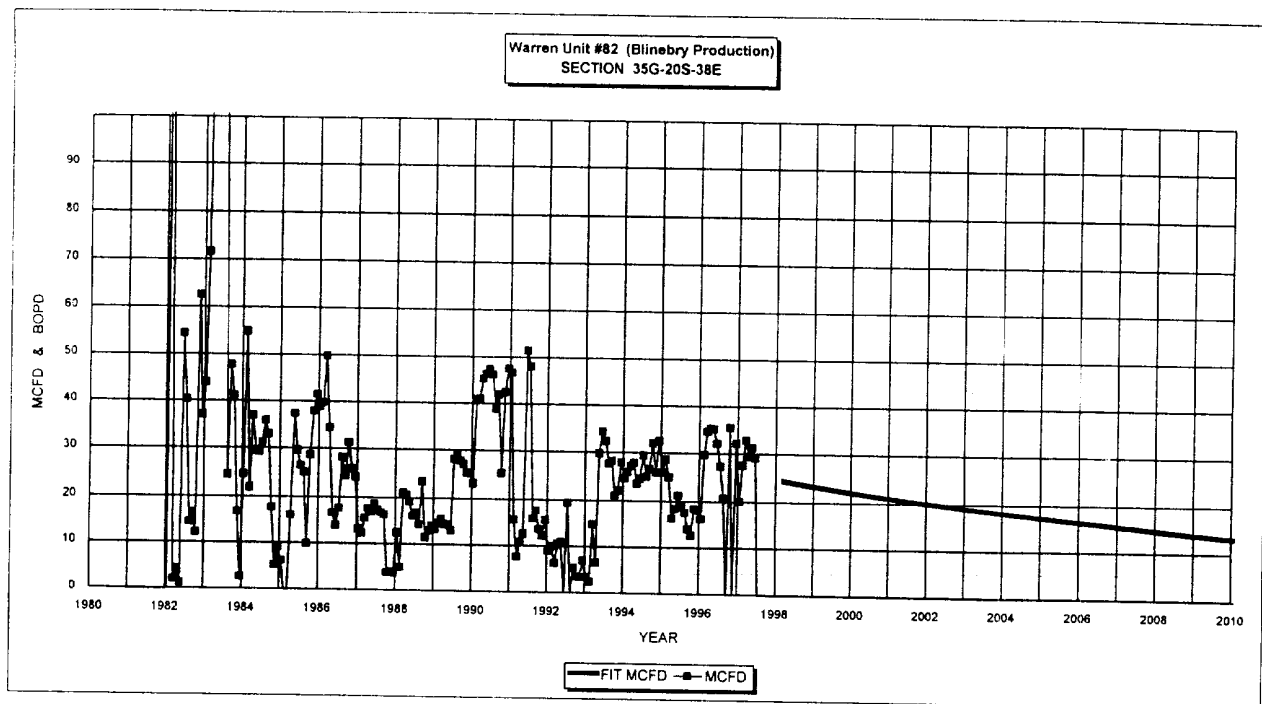
ORDER NO(S).

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 3/25/98
TYPE OR PRINT NAME Kay Maddox TELEPHONE NO. (915) 686-5798



Warren Unit #82 Historical Data (Blinbry)		18T PROD: 12/80	PROJECTED DATA	
OIL CUM:	9.85	MBO	3/1/98 Qi: 23.37	MCFD
GAS CUM:	150.7	MMCF	DECLINE RAT 5.0%	(EXPONENTIAL)
OIL YIELD:	0.0654	BBL/MCF	OIL YIELD: 0.0110	BBL/MCF

PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION

YEAR	MID-YEAR AVG MCFD	MID-YEAR AVE BOPO
1998	23.08	0.25
1999	21.92	0.24
2000	20.83	0.23
2001	19.79	0.22
2002	18.80	0.21
2003	17.86	0.20
2004	16.96	0.19
2005	16.12	0.18
2006	15.31	0.17
2007	14.54	0.16
2008	13.82	0.15
2009	13.13	0.14
2010	12.36	0.14
2011	11.80	0.13
2012	11.21	0.12
2013	10.65	0.12
2014	10.11	0.11
2015	9.61	0.11

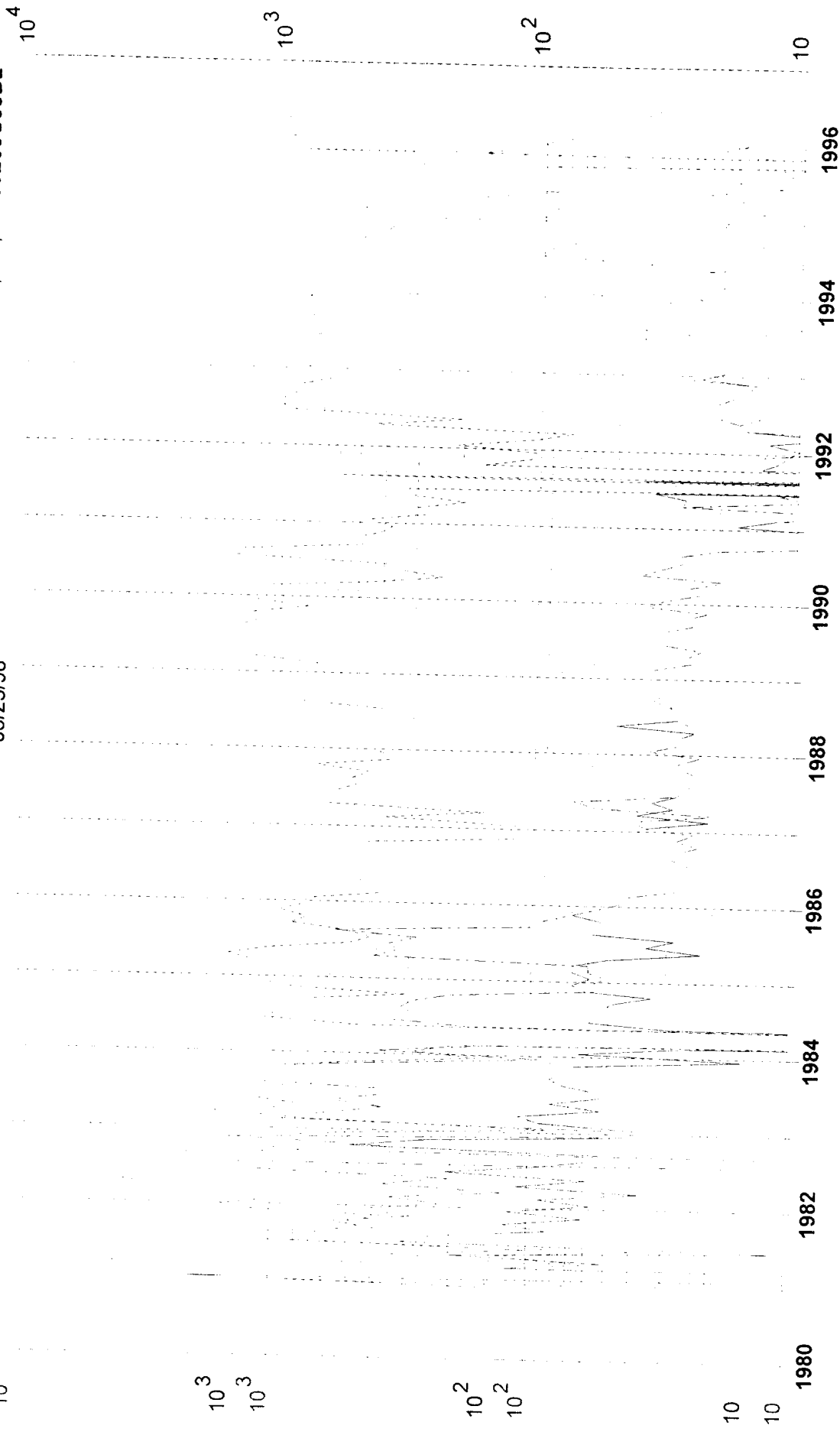
10⁴
10⁴
10⁴

Lease: WARREN UNIT (82)

Dwights

03/25/98

Retrieval Code: 150,025,20S38E35G00BL



Oil (bbl/mo)

Water (bbl/mo)

County: LEA, NM

Field: BLINEBRY (BLINEBRY) BL

Reservoir: BLINEBRY

Operator: CONOCO INC

F.P. Date: 12/80

Oil Cum: 9852 bbl

Gas Cum: 150.7 mmcf

Location: 35G 20S 38E

W MEXICO OIL CONSERVATION COMM. ON
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

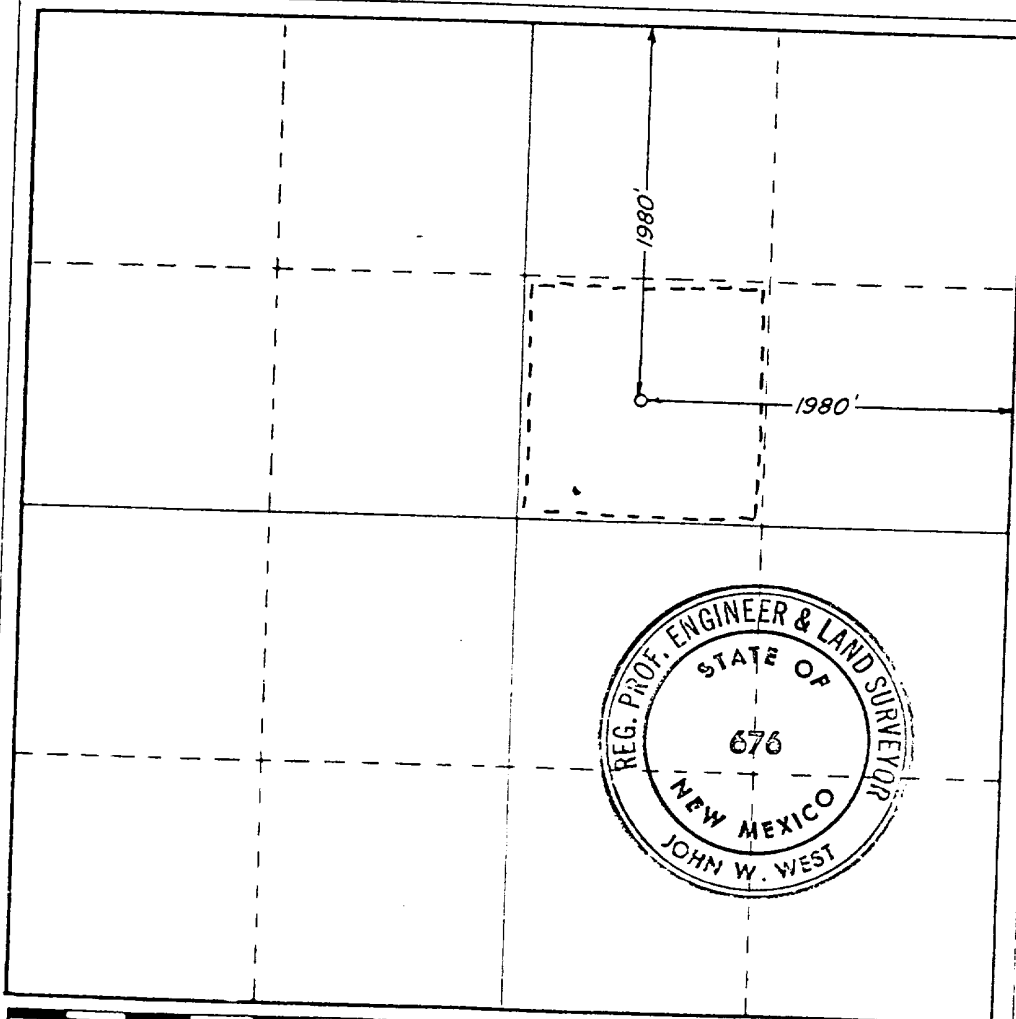
Operator CONOCO Inc.,		Lease Warren Unit		Well No. 82
Tract Letter G	Section 35	Township 20 South	Range 38 East	County Lea
Actual Poreage Location of Well: 1930 feet from the North line and 1980 feet from the East line				
Ground Level Elev. 3555.9	Producing Formation Abo / Blinberry	Pool D-K Abo / Blinberry Oil & Gas	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Signature
Wm R. Thurber

Position
Administrative Supervisor

Company
Conoco Inc.

Date
3/7/80

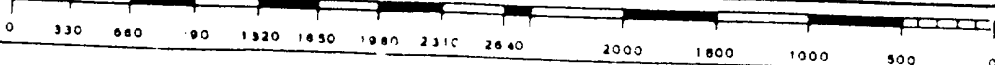
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date of Survey
February 20, 1980

Registered Professional Engineer and Land Surveyor

Signature
John W. West

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 646A
Ronald J. Eidson 3239



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-102

Revised February 21, 1994

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 30-025-26843		2 Pool Code 87085		3 Pool Name East Warren Tubb	
4 Property Code 003122		5 Property Name Warren Unit			6 Well Number 82
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 3555'

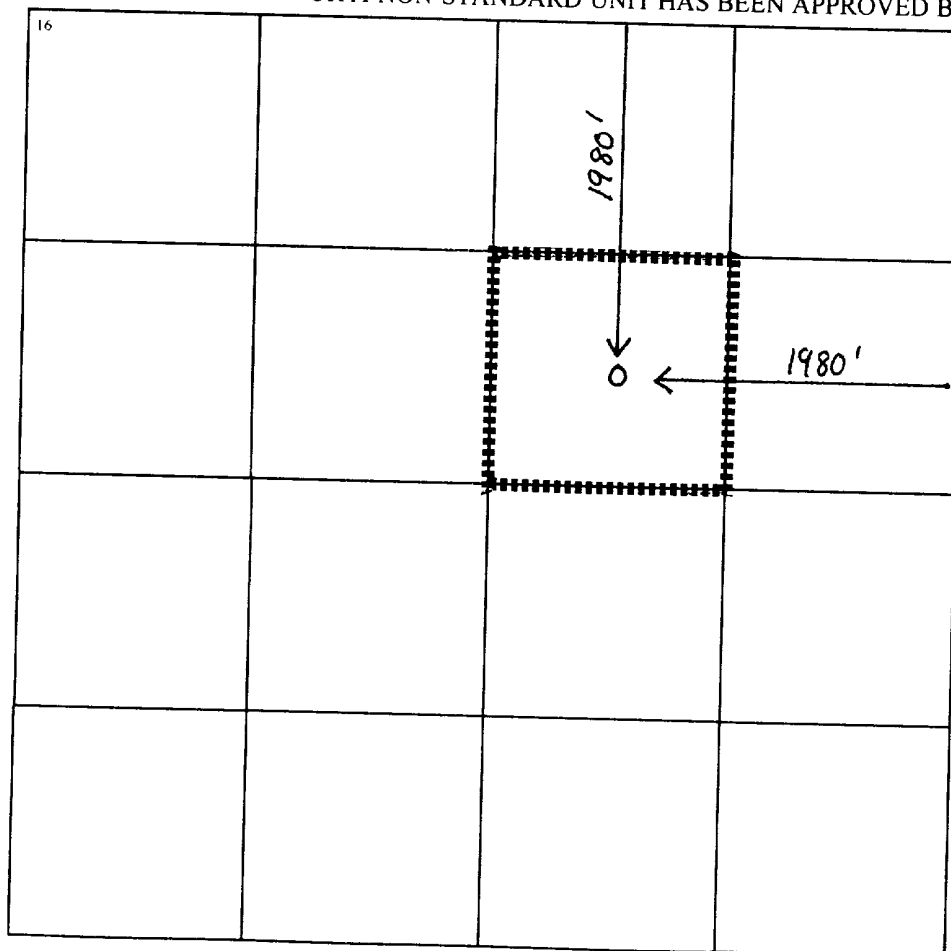
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	35	20S	38E		1980	North	1980	East	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 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			
			

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

3/25/98
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

Conoco, Inc
Warren Unit Well #82
Section 35, T-20-S, R-38-E, G
Lea County, New Mexico

Re: Application to Downhole Commingle (C-107A) Tubb & Blinbry

Notification of Offset Operators:

Stevens & Tull
PO Box 11005
Midland, TX 79705-8005

Xeric Oil & Gas
PO Box 352
Midland, TX 79702-0352

Mewbourne Oil Co.
PO Box 7698
Tyler, TX 75711-7698

The above listed parties have been sent a copy of the C-107A application on this the 25th day of March, 1998