

DATE IN 3/23/98	SUSPENSE 4/13/98	ENGINEER DC	LOGGED BY RW	TYPE DHC
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

905

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
 [DD-Directional Drilling] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION - Check Those Which Apply for [A]**

[A] Location - Spacing Unit - Directional Drilling

- ☐ NSL ☐ NSP ☐ DD ☐ SD

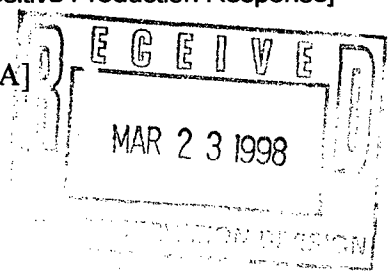
Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement

- ☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

- ☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR



[2] **NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply**

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] **INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding**

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Kay Maddox Print or Type Name	 Signature	Regulatory Agent Title	3/20/98 Date
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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
EXISTING WELLBORE
☒ YES ☐ NO

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

APPLICATION FOR DOWNHOLE COMMINGLING

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

Semu Tubb 88 Section 14, T-20-S, R-37-E, F Lea
Lease Well No Unit Ltr Sec Twp Rge County

OGRID NO. 005073 Property Code 003085 API NO. 30-025-21860 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	Weir Blinebry 63780		Monument Tubb 47090
2. TOP and Bottom of Pay Section (Perforations)	5664-5751'		6418-6665'
3. Type of production (Oil or Gas)	Oil		Oil
4. Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	a (Current) 1200	a.	a. 1100
	b (Original) 2165	b.	b. 2480
6. Oil Gravity (°API) or Gas BT Content	36.5		37.2
7. Producing or Shut-In?	To Be Completed		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, date and oil/gas/water rates of recent test (within 60 days)	Yes		Yes
	Date Rates	Date Rates	Date Rates
	Production to be allocated by Subtraction - See attached table	Date Rates	Est 2/98 5 BOPD, 2 BWPD, 38 MCFGPD
8. Fixed Percentage Allocation Formula - % or 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 Kay Maddox TITLE Regulatory Agent DATE 3/19/98
TYPE OR PRINT NAME Kay Maddox TELEPHONE NO. (915) 686-5798

SEMÜ NO. 88

Sec. 14 T20S R37E, Lea County, N.M.

API NO: 30 025 2186000

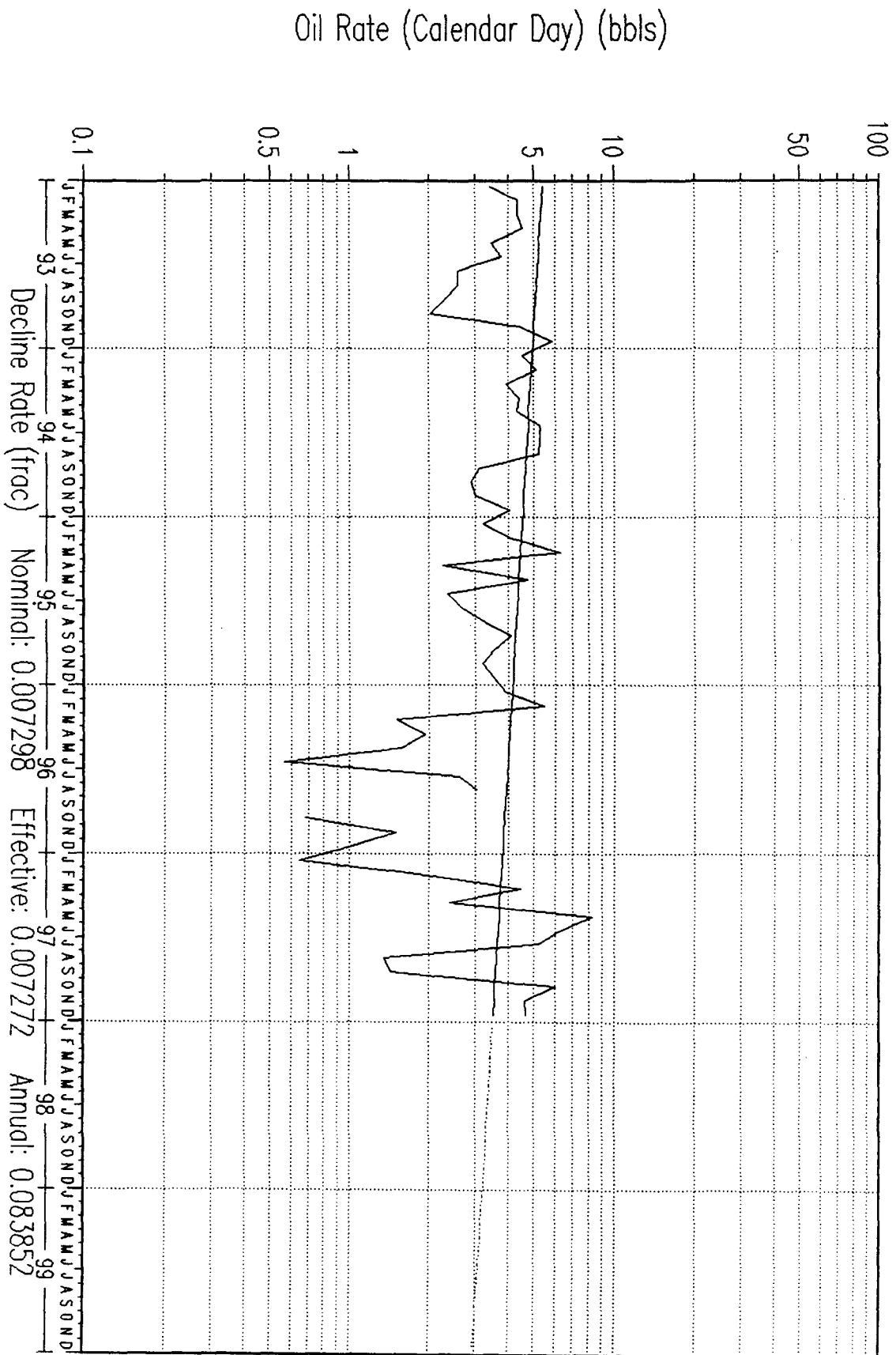
Tubb Formation

Monument Tubb Pool (XPV)

Downhole Commingle Schedule

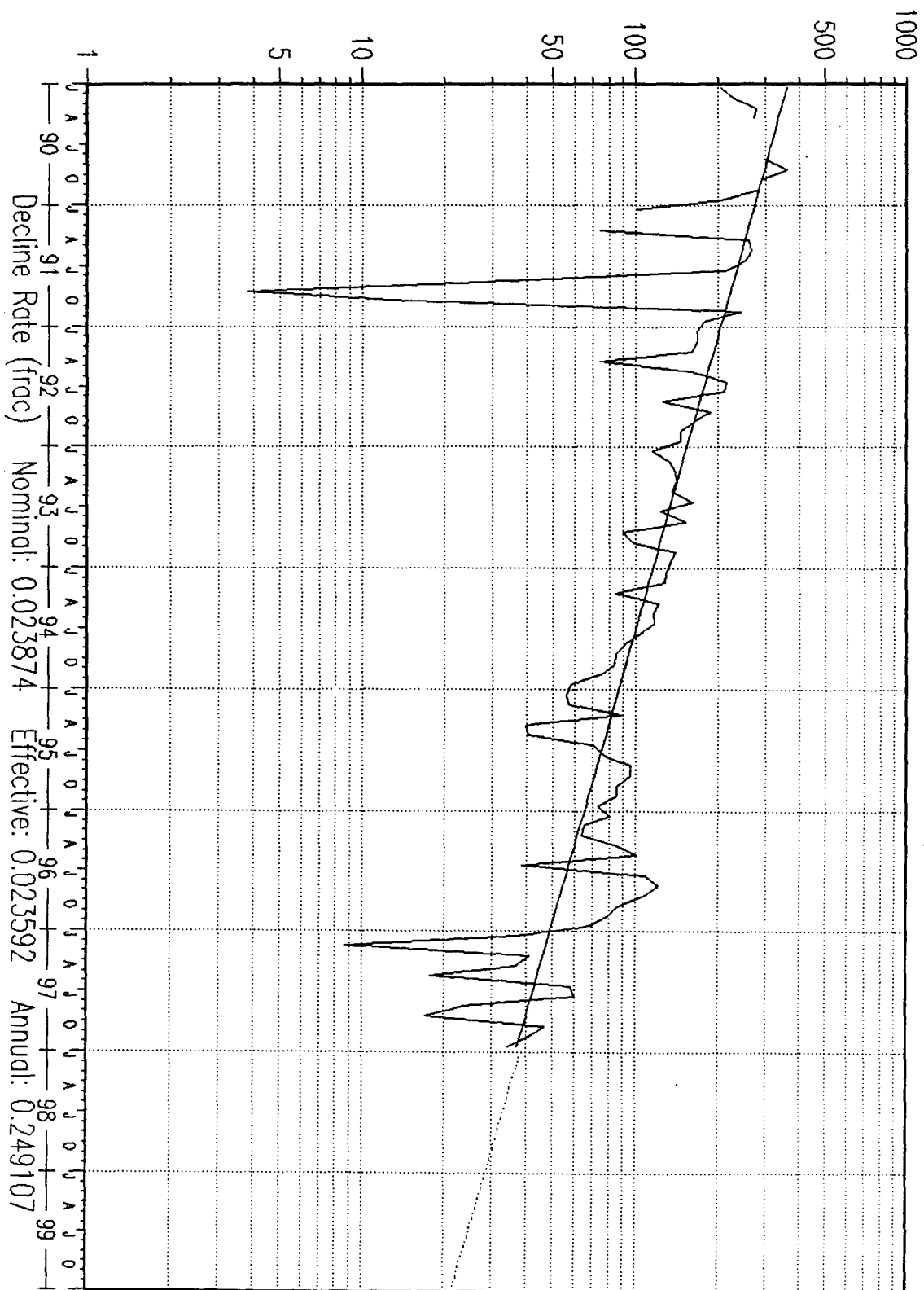
Year	Oil Prod (BBL)	Gas Prod (MSCF)
1998	1755	12270
1999	1620	9570
2000	1495	7460
2001	1380	5820
2002	1275	4535
2003	1175	3535
2004	1085	2760
2005	1000	2150

WELL: SEMU TUBB 88:1B



Gas Rate (Calendar Day) (Mscf)

WELL: SEMU TUBB 88:TB

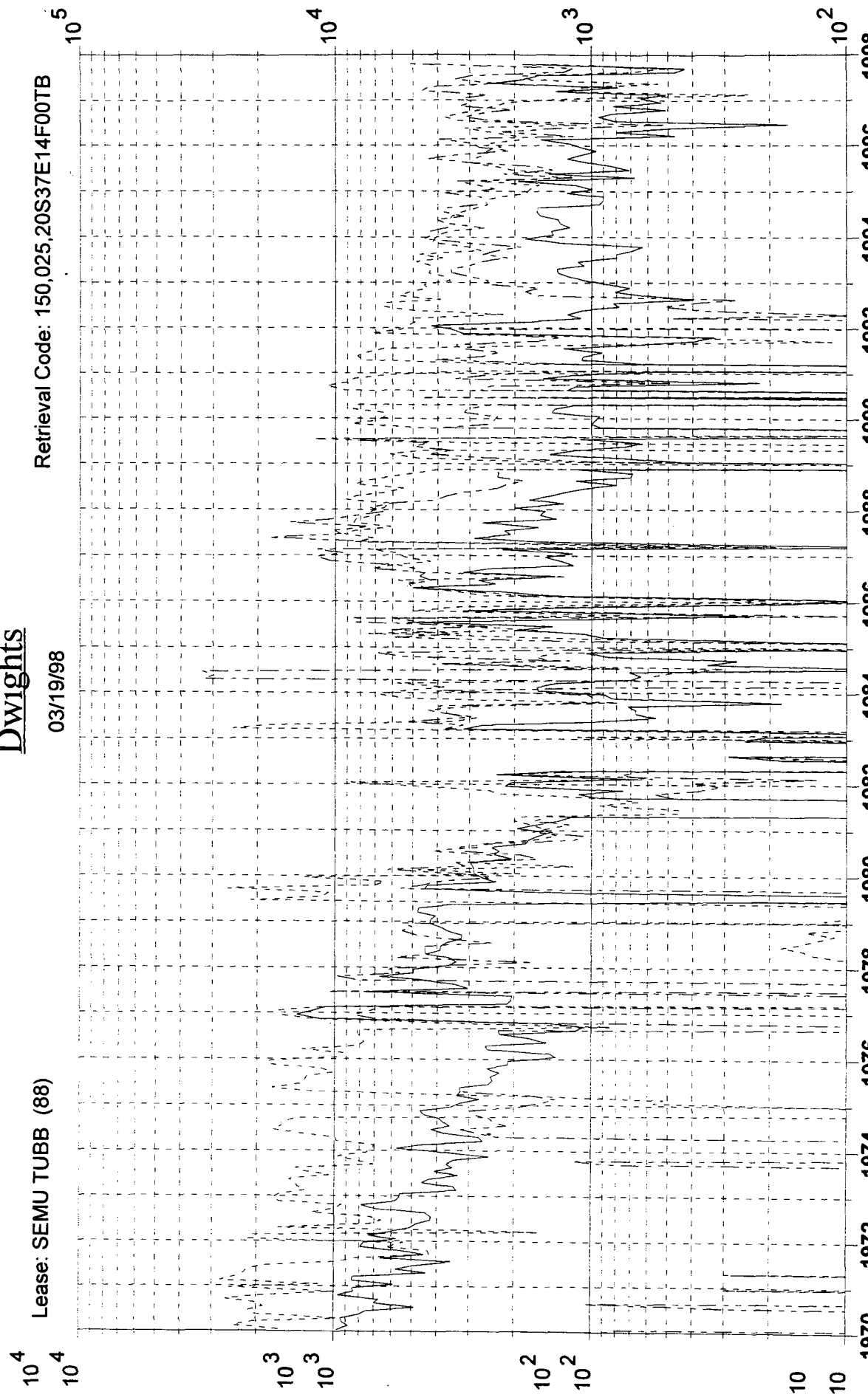


Dwights

Lease: SEMU TUBB (88)

Retrieval Code: 150,025,20S37E14F00TB

03/19/98



Oil (bbl/mo)

Water (bbl/mo)

Gas (mcf/mo)

County: LEA, NM

Field: MONUMENT (TUBB) TB

Reservoir: TUBB

Operator: CONOCO INC

F.P. Date: N/A

Oil Cum: 163.2 mbbl

Gas Cum: 2657 mmcf

Location: 14F 20S 37E

District I
PO Box 1980, Hobbs, NM 88241-198

State of New Mexico
Energy, Minerals & Natural Resources Department

Revised February 21, 1994

instructions on back

District II
PO Drawer DD, Artesia, NM 88211-071

District III
1000 Rio Brazos Rd. Aztec, NM 8741

District IV
PO Box 2088, Santa Fe, NM 87504-208

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-21860		2 Pool Code 63780	3 Pool Name Weir Blinebry
4 Property Code 003085	5 Property Name Semu Tubb		6 Well Number 88
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500		9 Elevation 3575'

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	14	20S	37E		1980	North	1980	West	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.
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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
March 19, 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

NEW MEXICO OIL CONSERVATION COMMISSION
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 CONTINENTAL OIL COMPANY			Lease SEMU TUBB		Well No. 88
Unit Letter F	Section 14	Township 20 SOUTH	Range 37 EAST	County LEA	
Actual Footage Location of Wells:					
1980 feet from the NORTH line and		1980 feet from the WEST line			
Ground Level Elevation 3575 (est)	Producing Formation Tubb	Pool Monument Tubb	Dedicated Acreage: 80 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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?

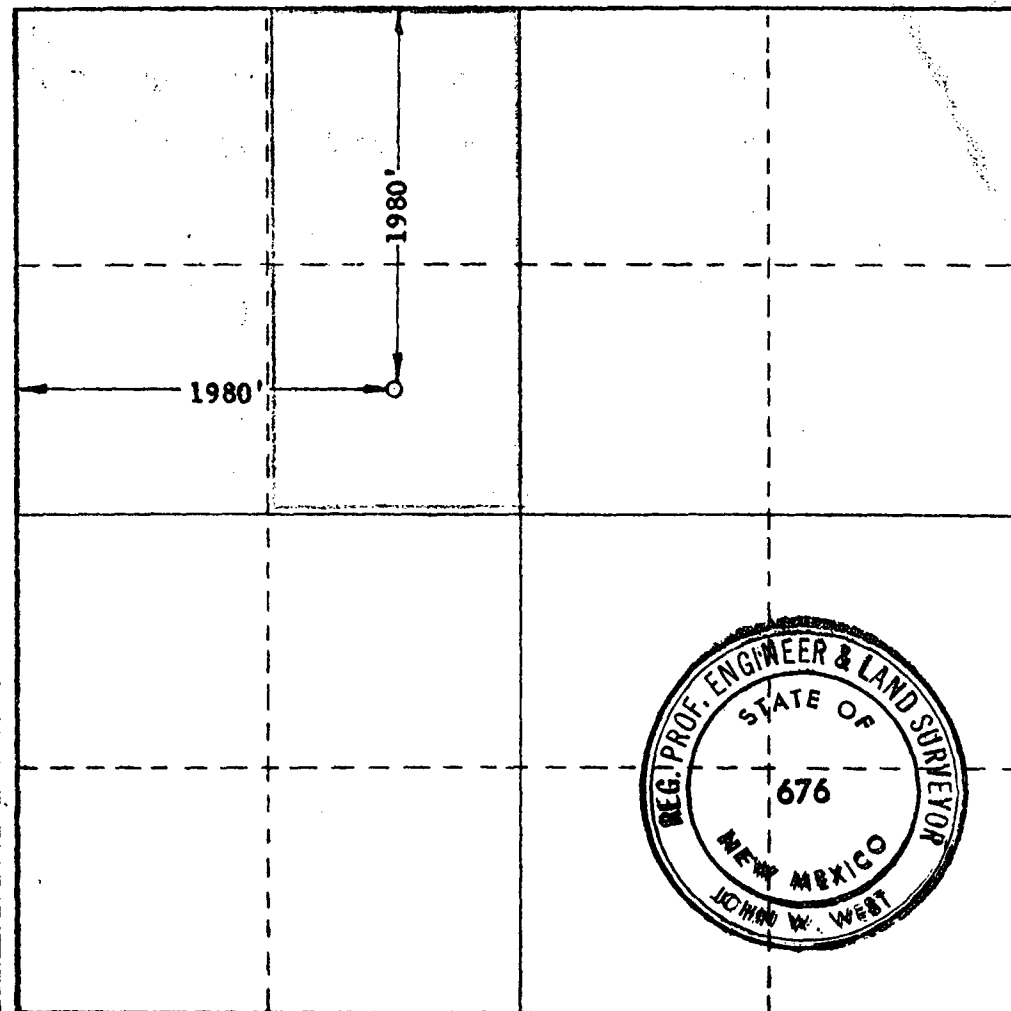
XX

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

NO

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.

Name

SIGNED: **HAL R. STEPHENS**
Position: **Staff Supervisor**

Company:
Continental Oil Co.

Date:
9-6-66
USGS-5, File

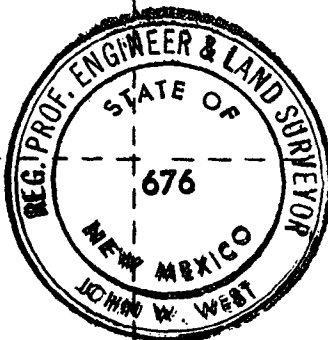
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
9/1/66

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No.

676



Semu Tubb #88
API # 30-025-21860
Section 14, T-20-S, R-37E, F
Lea County, New Mexico

RE: Downhole Commingle Application C107A

Offset Operators:

Texaco
PO Box 60628
Midland, TX 79711-0628

Lewis B. Burleson
PO Box 2479
Midland TX 79702-2479

John H. Hendrix
223 W. Wall STE 525
Midland, TX 79701

Magnum Hunter Resources
600 E Las Colinas Blvd STE 1200
Irving, TX 75039-5611

Altura
PO Box 576
Houston, TX 77001

Amoco
PO Box 800
Denver CO 80201



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

3/30/98

GOVERNOR

4/13/98
POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

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 SEMU Tabb #88-F-14-2Ds-37e
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

Please submit allocation ~~to~~ in percentage along w/sub-treatment
method until we can make a change to our computer system
see in Hobbs.

Yours very truly,

Chris Williams

Chris Williams
Supervisor, District 1

/ed