



1749

REQUEST FOR FACSIMILE
TRANSMISSION

10/27/97

Date

To: Ben Stone	
Location:	Dept:
FAX No.: (505) 827-8177	Tel.:

From: Jerry Hoover	
Location: Midland	Dept: Production
FAX No.: (915) 686-5468	Tel.:

+ Cover

State A-2A#5 DHC

No. Pages + Cover

MESSAGE:

I received approval of this
well from the State Land Office
6/12/97 - (attached)

Thanks for your help.

Jerry Hoover

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 88210-2836

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-8428

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

Operator

Address

State - A 2A

5

P-2-20S-37E

Lea

Lessee

Well No

Unit Ltr Sec Twp Rge

County

Spacing Unit Lease Types (check 1 or more)

OGRID NO. 005073

Property Code

003092

API NO.

30-025-30004

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	Monument Tubb - 47090		Skaggs Drinkard - 57000
2. TOP and Bottom of Pay Section (Perforations)	6412' - 6631'		6668' - 6798'
3. Type of production (Oil or Gas)	Oil		Oil
4. Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
5. Bottom hole Pressure	a. (Current)	a.	a.
Oil Zones - Artificial Lift: Estimated Current	800 psia		600 psia
Gas & Oil - Flowing: Measured Current	b. (Original)	b.	b.
All Gas Zones: Estimated Or Measured Original	2200 psia		2300 psia
6. Oil Gravity (°API) or Gas BTU Content	35.9		35.9
7. Producing or Shut-In?	Producing		Shut-in
Production Marginal? (yes or no)	Yes		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, give date and oil/gas/water rates of recent test (within 60 days)	Date Rates	Date Rates	Date Rates
	Incremental Production by Subtraction	Incremental Production by Subtraction	Incremental Production by Subtraction - See Table
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

* (Texaco Expl. & Prod. Inc. and Conoco are the offset operators)
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. - see above *
- * 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

Jerry W. Hoover

TITLE Sr. Conservation Coord.

DATE 10-3-97

TYPE OR PRINT NAME Jerry W. Hoover

TELEPHONE NO. (915) 686-6548

N MEXICO OIL CONSERVATION COMMISS
WELL LOCATION AND ACREAGE DEDICATION PLAT

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 Superseded C-128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

All distances must be from the outer boundaries of the Section.

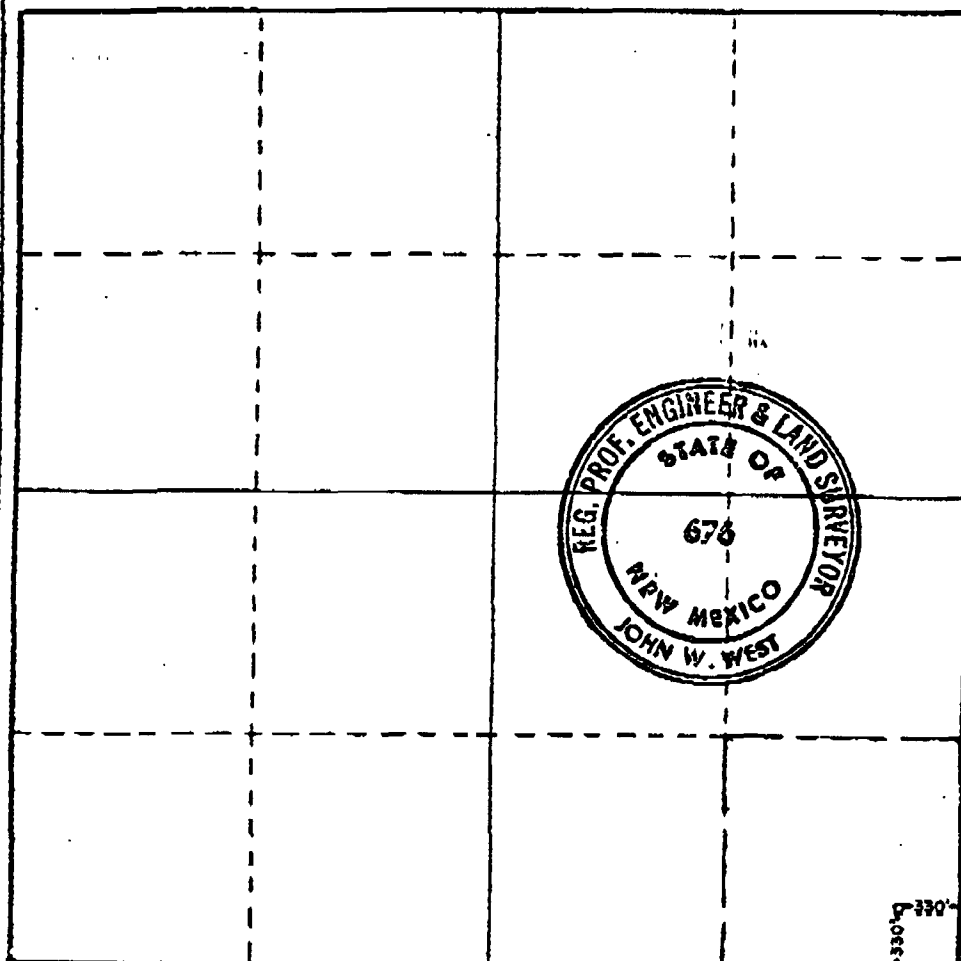
Operator Conoco, Inc			Lease State A-2A		Well No. 5
Unit Letter P	Section 2	Township 20 South	Range 37 East	County Lea	
Actual Footage Location of Well: 330 feet from the South line and 330 feet from the East line					
Ground Level Elev. 3592.9	Producing Formation Drinkard		Pool Undesignated Drinkard		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.



District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-4719
District III
1000 Rte B, Lordsburg, NM 87840
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-
Revised February 21, 1
Instructions on b
Submit to Appropriate District Of
State Lands - 4 Cu
Fee Lease - 3 Cu

☐ AMENDED REPO

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-30004		2. Pool Code 47090		3. Pool Name Monument Tubb	
4. Property Code 3D92		5. Property Name State A-2 "A"			6. Well Number 5
7. OGRID No. 005073		8. Operator Name CONOCO INC.			9. Elevation 3570' GR

10 Surface Location

UL or lot no. P	Section 2	Township 20S	Range 37E	Lot Idn	Feet from the 330	North/South Line South	Feet from the 330	East/West Line East	County Lea
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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
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12. Dedicated Acres 80	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. <i>[Signature]</i> Signature Jerry W. Hoover Printed Name Sr. Conservation Coordinator Title Date 11/20/95 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

5' 330'

State A-2A No.5 Downhole Commingle Application

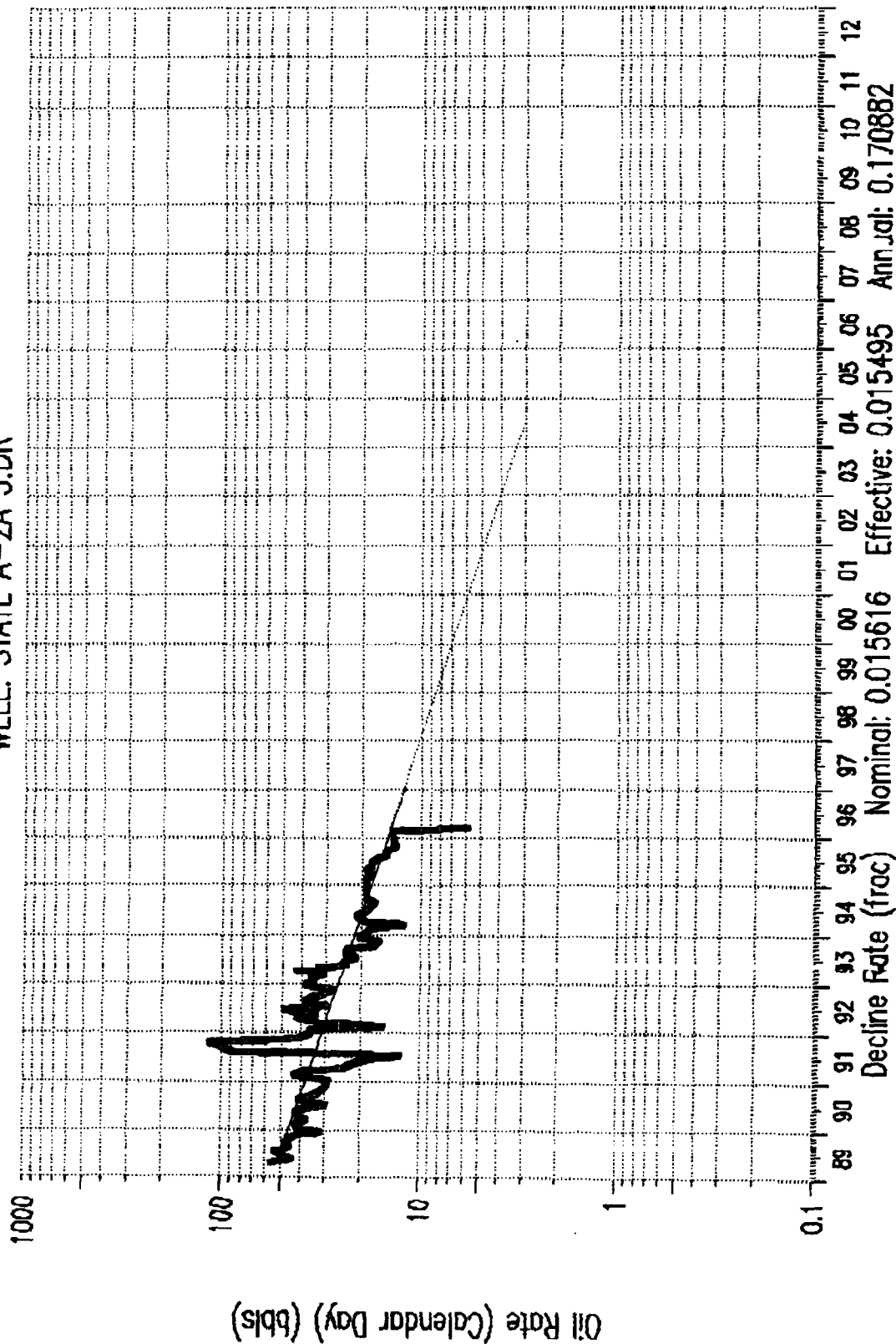
Drinkard Production Forecast

DECLINE (%/YR) 0.170882
LOSS RATIO 0.8429

INITIAL RATE (BOPD) 12.3
NO. MONTHS 1ST YEAR 12
GOR (MCF/BO) 5
ECON LIMIT (BOPD) 1

Year	Forecasted Formation	Annual Decline Constant	Annual Gas/Oil Ratio (SCF/BO)	Forecasted Annual Oil Production (BOPY)	Forecasted Annual Gas Production (MCFPY)	Forecasted Oil Production Daily Average (BOPD)	Forecasted Gas Production Daily Average (MCFPD)
1997	Drinkard	0.1709	5000	4127	20634	11.3	56.5
1998	Drinkard	0.1709	5000	3479	17393	9.5	47.7
1999	Drinkard	0.1709	5000	2932	14661	8.0	40.2
2000	Drinkard	0.1709	5000	2472	12358	6.8	33.9
2001	Drinkard	0.1709	5000	2083	10417	5.7	28.5
2002	Drinkard	0.1709	5000	1756	8781	4.8	24.1
2003	Drinkard	0.1709	5000	1480	7401	4.1	20.3
2004	Drinkard	0.1709	5000	1248	6239	3.4	17.1
2005	Drinkard	0.1709	5000	1052	5259	2.9	14.4
2006	Drinkard	0.1709	5000	887	4433	2.4	12.1
2007	Drinkard	0.1709	5000	747	3736	2.0	10.2
2008	Drinkard	0.1709	5000	630	3150	1.7	8.6
2009	Drinkard	0.1709	5000	531	2655	1.5	7.3
2010	Drinkard	0.1709	5000	448	2238	1.2	6.1
2011	Drinkard	0.1709	5000	377	1886	1.0	5.2

WELL: STATE A-2A 5:DR



Current Oil rate: 14.5 bbls/d

Economic Limit: 3.0 bbls/d

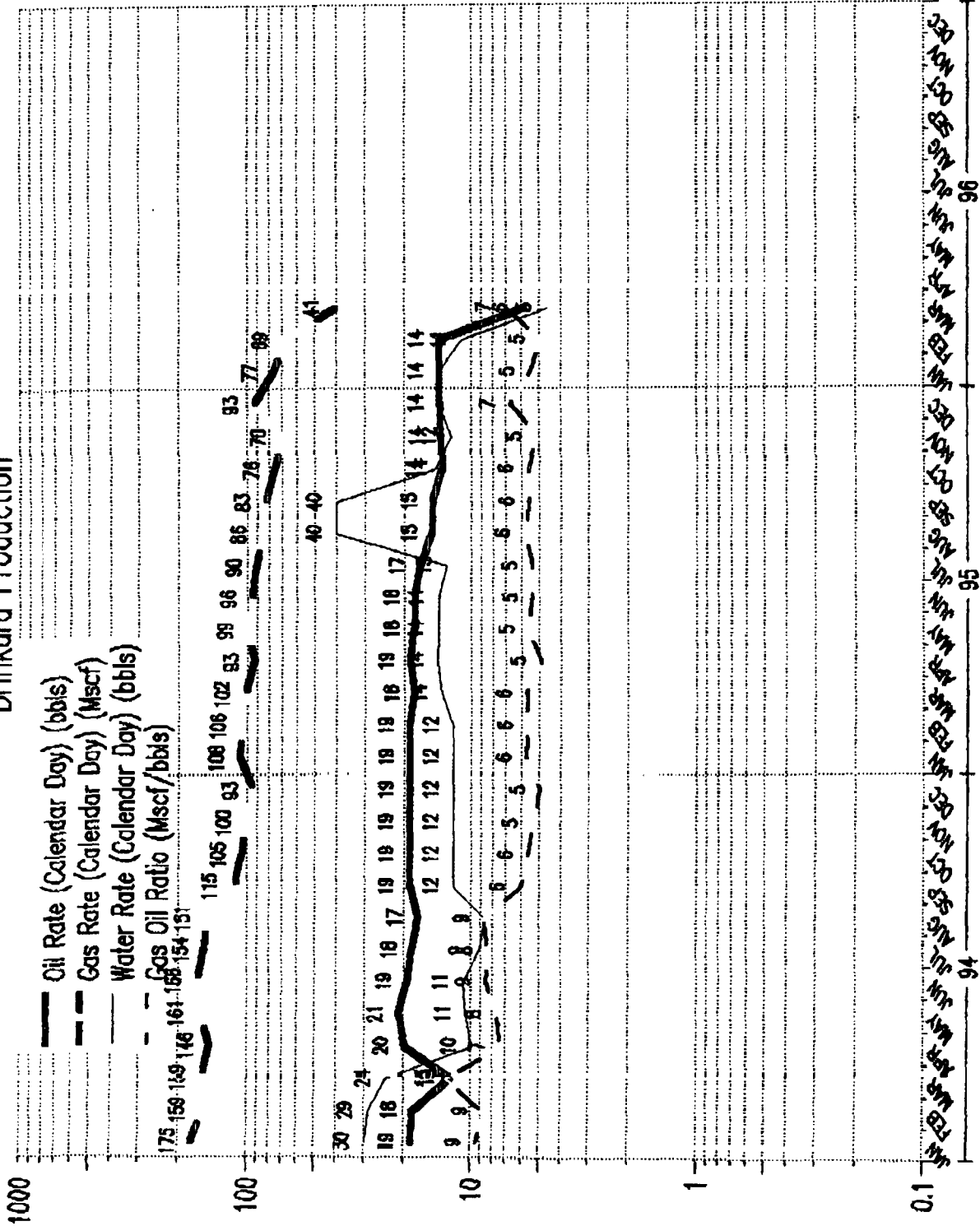
Cumulative Oil Produced: 79.5 Mbbls

Remaining Reserves: 22.4 Mbbls

Total Reserves: 101.9 Mbbls - At the Economic Limit

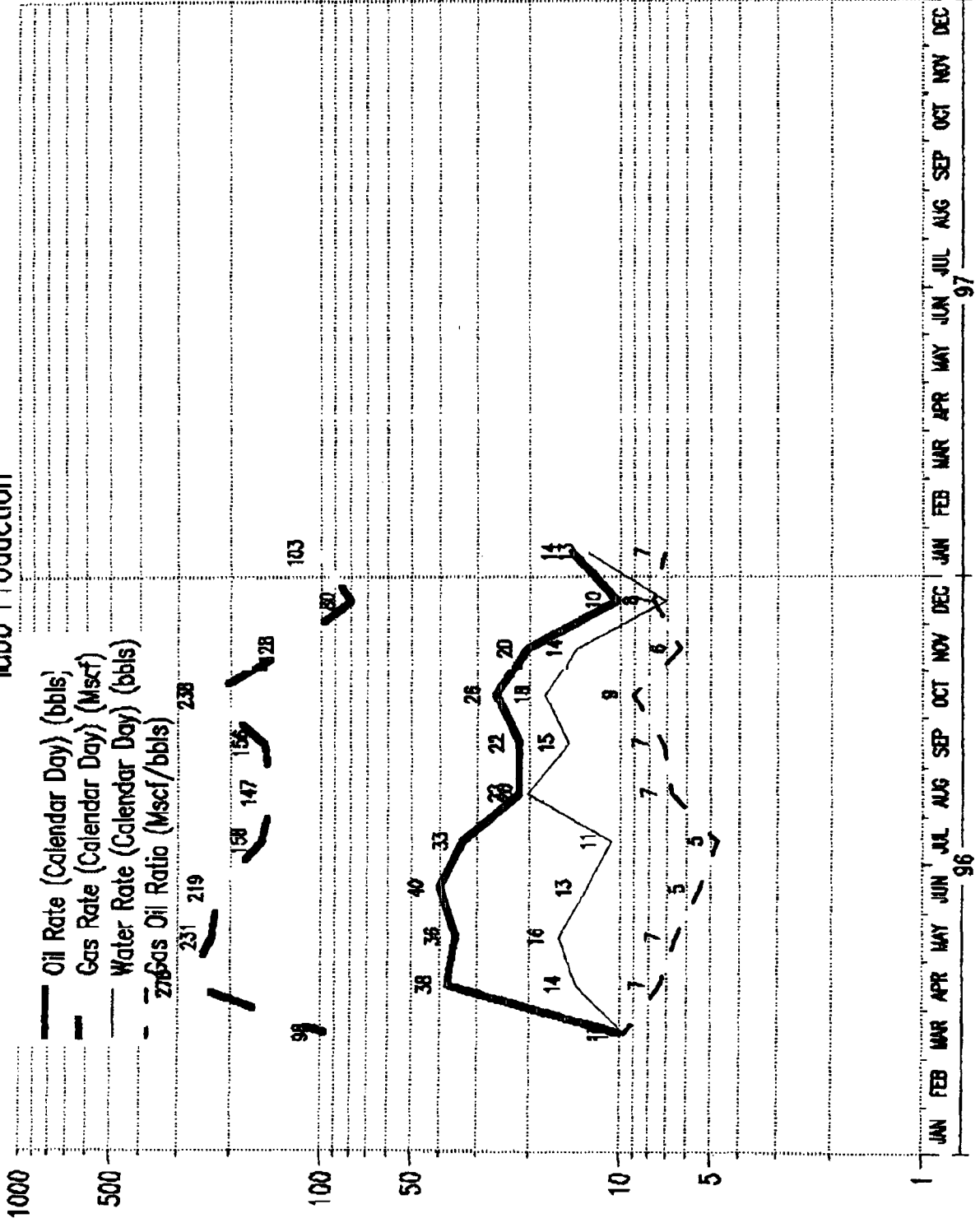
WELL: STATE A-2A 5:DR

Drinkard Production



WELL: STATE A-2A 5:TB

Tubb Production



STATE A - 2A OWNERS LISTING

WORKING INTEREST:

Conoco Inc.
10 Desta Drive, Ste. 100W
Midland, TX 79705-4500

ROYALTY INTEREST:

Comm. of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87504-1148