

MARTIN YATES, III  
1912 - 1985  
FRANK W. YATES  
1936 - 1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210  
TELEPHONE (505) 748-1471

S. P. YATES  
CHAIRMAN OF THE BOARD  
JOHN A. YATES  
PRESIDENT  
PEYTON YATES  
EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

March 25, 1997

Jerry Sexton  
State of New Mexico  
OIL CONSERVATION DIVISION  
P. O. Drawer 1980  
Hobbs, NM 88240

Dear Mr. Sexton,

Enclosed are the necessary documents for obtaining approval for the downhole commingling of the Coriander AOC State #2 located in Unit H of Section 1, Township 23 South, Range 32 East, Lea County.

Should you have any questions, feel free to contact me at (505) 748-1471. Thank you.

Sincerely,

Morris Keith  
Engineer

MK/th

Enclosures

## 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

Yates Petroleum Corporation

105 S. Fourth Street

Artesia, NM 88210

Operator

Address

Coriander AOC State

2

H-1-23S-32E

Lea

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

OGRID NO. 025575

Property Code 019307

API NO. 30-025-33574

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	West Red Tank Delaware 51689		Red Tank Bone Spring 51683
2. Top and Bottom of Pay Section (Perforations)	7086'-7656'		9007'-9045'
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: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a. (Current) 1180 b. (Original) 2276	a.  b.	a. (Current) 1220 b. (Original) 2650
6. Oil Gravity ( API) or Gas BTU Content	42		42.4
7. Producing or Shut-In?	Producing		Below RBP @ 8900'
Production Marginal? (yes or no)	Yes		Yes
* 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	Date: Rates:	Date: Rates:	Date: 2-18-97 Rates: 7 BOPD 51 MCFGPD 5 BWPD
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 3-17-97 Rates: 2 BOPD 0 MCFGPD 137 BWPD	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)	Oil: 25% Gas: 0%	Oil: % Gas: %	Oil: 75% Gas: 100%

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?

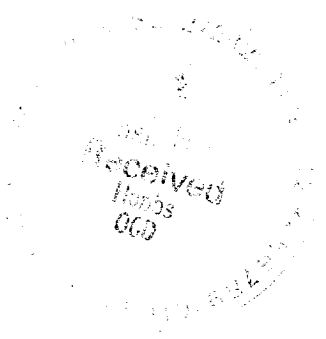
☒ Yes ☐ No

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 ☐ No11. 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 other? ☒ 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 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 Morris Keith TITLE Operations Engineer DATE 3/25/97

TYPE OR PRINT NAME Morris Keith TELEPHONE NO. (505) 748-1471

\_\_\_\_\_

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 10, 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

1 API Number 30-025-33574		1 Pool Code 51689		1 Pool Name West Red Tank Delaware	
1 Property Code 019307		1 Property Name Coriander AOC State			1 Well Number 2
1 OGRID No. 025575		1 Operator Name Yates Petroleum Corporation			1 Elevation 3731'

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
H	1	23S	32E		1650	North	330	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.
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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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>  Signature Tina Huerta Printed Name Operations Technician Title Date
					18 SURVEYOR CERTIFICATION <i>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.</i> REFER TO ORIGINAL PLAT Date of Survey Signature and Seal of Professional Surveyer:  Certificate Number

Production curves for both zones are not available. The West Red Tank Delaware has produced less than a month.

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Property Code 019307	Property Name Coriander AOC State		Well Number 2	
OGRID No. 025575	Operator Name Yates Petroleum Corporation		Elevation 3731'	

<sup>10</sup> Surface Location

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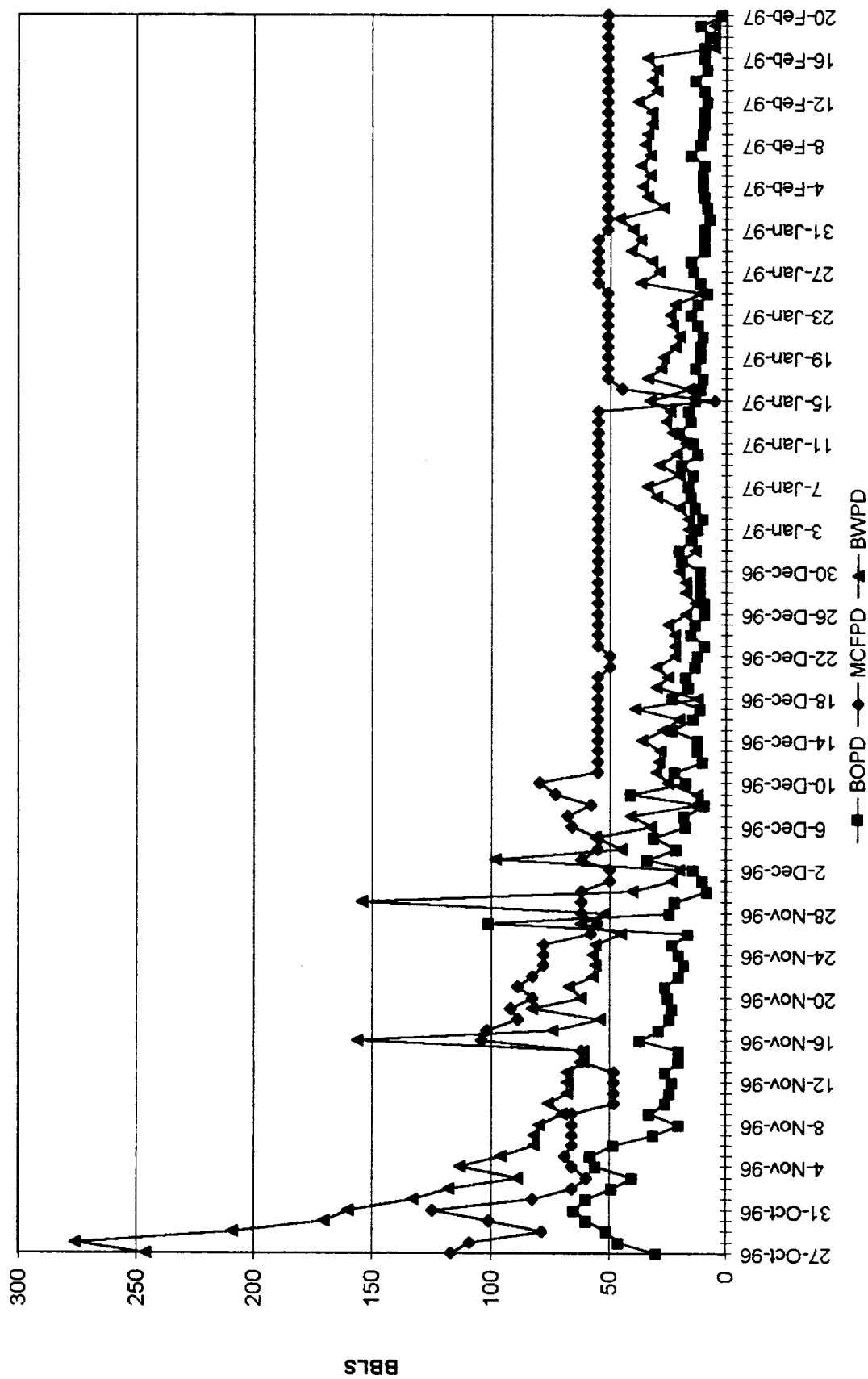
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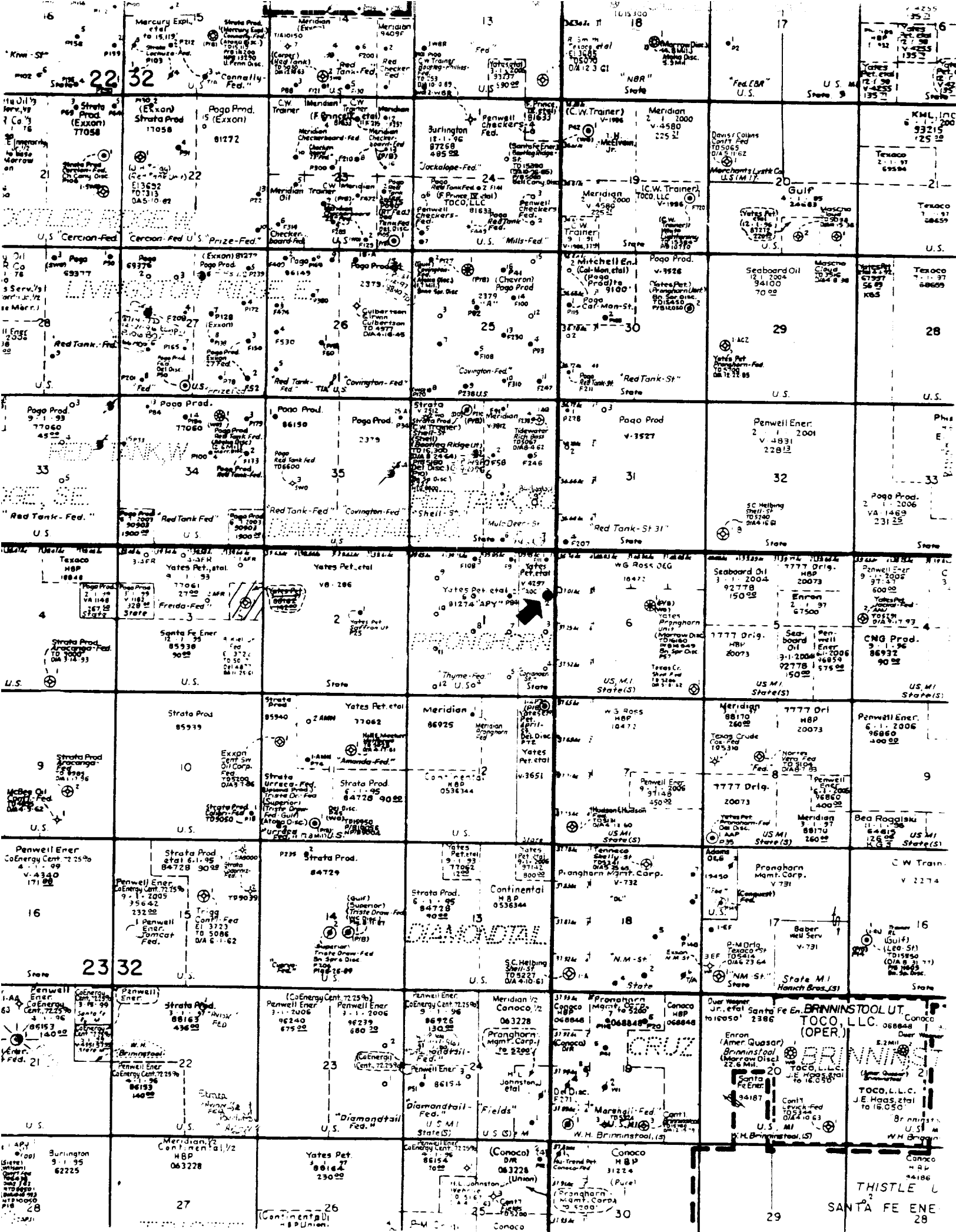
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# CORIANDER AOC STATE #2 RED TANK BONE SPRINGS PRODUCTION









There are no offset operators in this area.

