

HUNT ENERGY CORPORATION

406 N. BIG SPRING
MIDLAND, TEXAS 79701

(915) 683-6186

June 30, 1981

Application for Exception to
Statewide Rule No. 303-A to
Downhole Comingling Production
from the Blinebry and Drinkard
Pools of the Mittie Weatherly
Well No. 4, Lea County, New
Mexico.

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Joe D. Ramey
Director

Gentlemen:

We respectfully request administrative approval, subject to the twenty (20) day waiting period, to down-hole comingling production from the Blinebry and Drinkard Pools in N. B. Hunt's Mittie Weatherly #4 well located in Unit B, 660 FNL and 1320 FEL of Section 21, TWP 21-S, Rge 37-E, Lea County, New Mexico. The following is the pertinent data available on the well:

- 1.) Well #4 is currently dually completed in the Blinebry and Drinkard Zones. Completion intervals for each zone are as follows:

Blinebry - 5762' to 5860' (selectively perforated)
Drinkard - 6522' to 6608'

This well was dually completed in August of 1966 as authorized by Division Order No. MC 1726.

- 2.) Both zones are classified as oil zones and are capable of flowing.
- 3.) The combined daily oil production from these zones of 6 BOPD does not exceed the 40 BOPD limitation provided for by the deepest perforations in the lower zone.
- 4.) Attached for your reference is the production history for each zone since January of 1979. Also attached are the Division Form C116's showing the latest well test results for each zone.
- 5.) Since the crude gravities for the Blinebry and Drinkard Zones are 36 degrees and 37 degrees respectively, there will be no significant difference in the price of the combined crude over that of the crudes produced and sold separately. Royalty and working interest ownership is

common to both zones.

6.) Offset operators were sent a copy of Form C-103, as notice of our application for administrative approval to down-hole comingle these zones.

7.) The estimated bottom hole pressure for each zone is as follows:

Blinebry: 304 PSI

Drinkard: 334 PSI

This well was originally completed on 8-28-47 in the Drinkard Zone through perforations from 6522' to 6608'. On 8-1-66, the well was recompleted in the Blinebry Zone through perforations from 5762' to 5860' and individual production tubing strings were installed for each zone.

Recently, a packer leakage test was run on the well and a down-hole tubing and/or packer leak was discovered. As a result, both production tubing strings need to be pulled and inspected for possible damage. Because of the old age of the production tubing and the unavailability of a sufficient number of tubing joint seal rings, it is estimated that over 5600' of production tubing will need to be replaced to return the well to production and individually produce each zone. The well's current low productivity (6BOPD and 89 MCF/D total for both zones) cannot justify this expense. Therefore, in order to continue producing the well, we are requesting the authority to down-hole comingle the Blinebry and Drinkard Zones in this well once the production tubing has been pulled and the source of the leak determined and corrected.

Your consideration of this request will be appreciated.

Respectfully submitted,



O. V. Stuckey
N. B. Hunt Oil Co.

OVS/slw

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM AND ATTACHMENTS TO REPORT ON THE SAME WELL IN A DIFFERENT RESERVOIR.
USE SEPARATE FORM FOR REPORT ON EACH RESERVOIR FOR SAME WELL.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. Name of Operator
N. B. Hunt

3. Address of Operator
2500 First National Bank Bldg. Dallas, Texas 75202

4. Location of Well
UNIT LETTER B 660 FEET FROM THE North LINE AND 1320 FEET FROM
THE East LINE, SECTION 21 TOWNSHIP 21-S RANGE 37-E RANGE.

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Form of Lease Name
Weatherly

9. Well No.
#4

10. Field and Pool, or Wildcat
Blinebry & Drinkard

12. County
Lea

11. Elevation (Show whether DF, RT, GR, etc.)
DF 3450'

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER Repair tbg and/or packer leak ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOBS ☐

OTHER ☐

and comingle Blinebry & Drinkard zones.

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

This well was originally completed on 8-28-47 in the Drinkard Zone through perforations from 6522' to 6608'. On 8-1-66, the well was recompleted in the Blinebry Zone through perforations from 5762' to 5860' and individual production tubing strings installed for each zone.

Recently, a packer leakage test was run on the well and a downhole tubing and/or packer leak was discovered. As a result, both production tubing strings need to be pulled and inspected for possible damage. As a result of the old age of the production tubing and the unavailability of a sufficient number of tubing joint seal rings, it is estimated that over 5600' of production tubing will need to be replaced to return the well to production and individually produce each zone.

The well's current low productivity (6 BOPD and 89 MCF/D total for both zones) cannot justify this expense. Therefore, in order to continue producing the well, we are requesting the authority to down-hole comingle the Blinebry and Drinkard Zones in this well once the production tubing has been pulled and the source of the leak determined and corrected.

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

SIGNED Earl W. Liva TITLE Sr. Engineer DATE 7/10/81

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-55

Operator N. B. Hunt		Pool Blinebry		County Lea											
Address 2500 First National Bank Bldg. Dallas, Texas 75202		TYPE OF TEST - (X)		Completion <input type="checkbox"/> Scheduled <input type="checkbox"/>											
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	T.B.G.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT./BBL.	
		U	S	T						R	WATER GELS.	GRAV. OIL	OIL BBL.		GAS M.C.F.
M. Weatherly	4	B	21	21S	37 E	6/8 / 81	F 64 / 64	160	2	24	0	36	3	40	13, 30

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Well original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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

Paul W. Vase
(Signature)
Sr. Engineer

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-55

Operator N. B. Hunt		Pool Drinkard		Lea												
Address 2500 First National Bank Bldg. Dallas, Texas 75202		TYPE OF TEST - (X)		Completion <input type="checkbox"/> Scheduled <input type="checkbox"/>												
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TSG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU. FT./BBL.		
		U	S	T						R	WATER BBL.	GRAV. OIL	OIL BBL.		GAS M.C.F.	
M. Weatherly	4	B	21	21S	37E	5/22/81	F	24/64	100	15	24	0	37	3	49	16,3

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Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

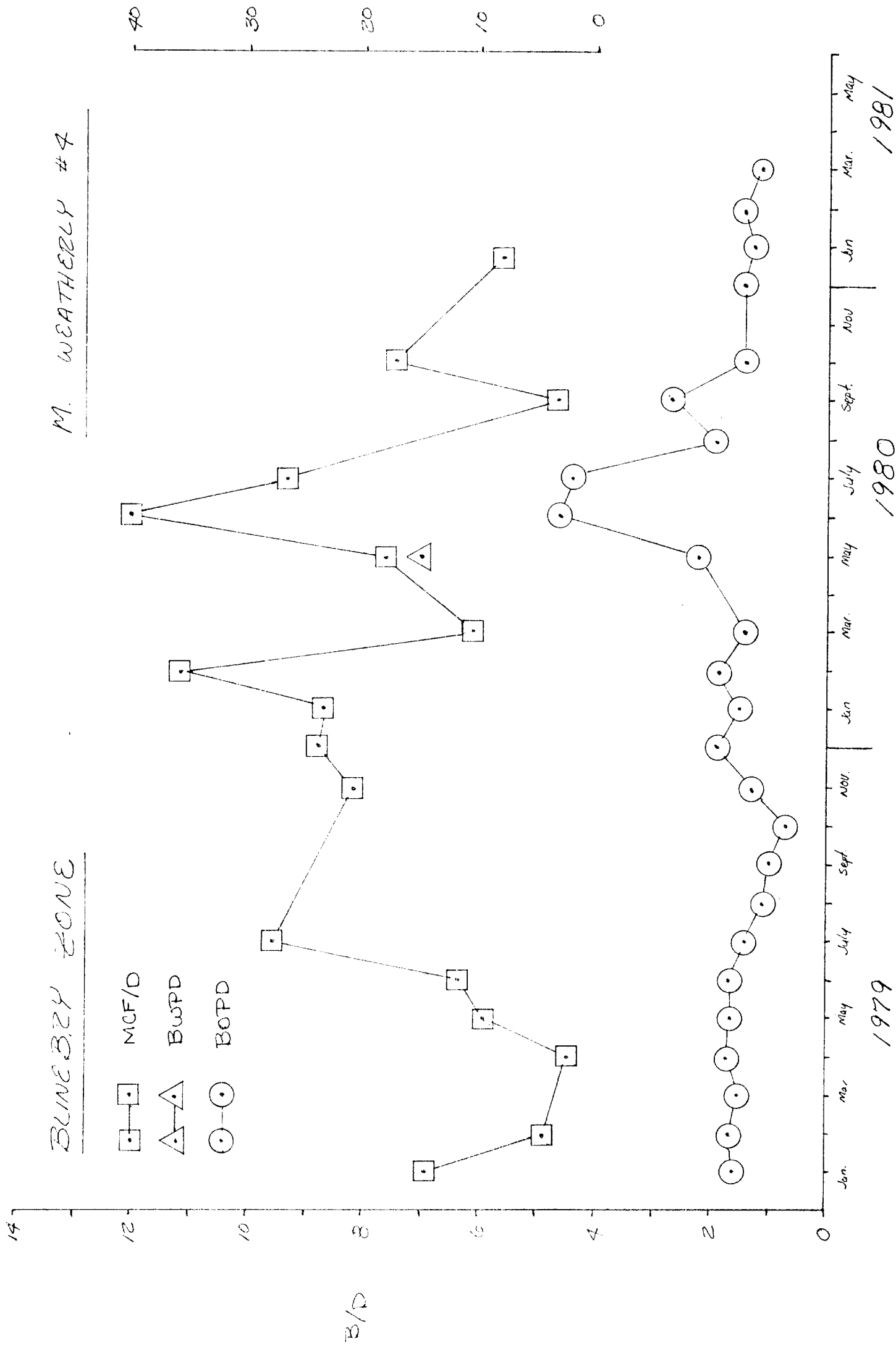
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Earl W. Verea
(Signature)
Dr. Englebert




BLUEBAY ZONE

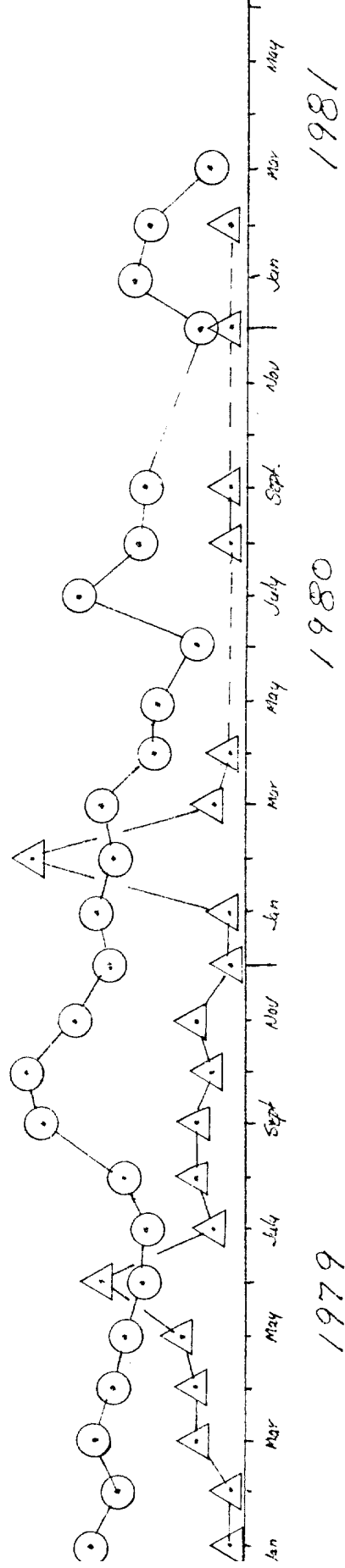
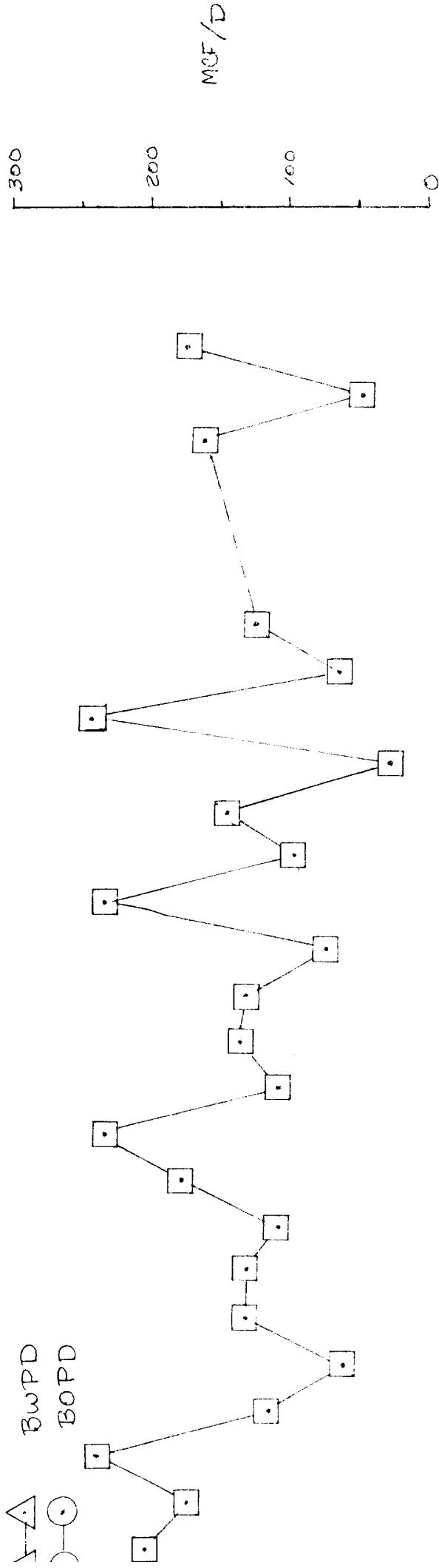
M. WEATHERLY #4



RINKARD ZONE

M. WEATHERLY #7

 MCF/D
 BWP/D
 BOP/D



1979

1980

1981