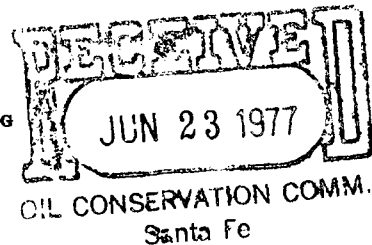


N. B. HUNT
2500 FIRST NATIONAL BANK BUILDING
DALLAS, TEXAS 75202



D.H.C. - 229
Due - 7/13/77

June 20, 1977

Application for Exception to
Statewide Rule No. 303-C to
Down-Hole Commingle Production
from the Drinkard and Blinebry
Pools of the, Mittie Weatherly Well No. 5
Lea County, New Mexico

New Mexico Oil Conservation Commission - 2
P. O. Box 2088
Santa Fe, New Mexico 87501

Attn: Mr. Joe D. Ramey
Secretary-Director

Gentlemen:

We respectfully request administrative approval, subject to the twenty day waiting period, to down-hole comingle production from the Drinkard and Blinebry Pools in N. B. Hunt's Mittie Weatherly #5 Well located in Unit E, 1980' FNL and 550' FWL of Sec. 21, TWP 21-S, Range 37-E, Lea County, New Mexico, as provided by Statewide Rule No. 303-C. Pertinent well data follows:

1. Both zones are classified as oil zones and are capable of flowing.
2. The combined daily production from these zones does not exceed 40 BOPD as allowed for the deepest perforations in the lower zone.
3. The productive capacity of the Blinebry zone has been established by segregated testing to average 5.6 BOPD, 4 BWPD and 90 MCF/D. The combined producing capacity of both zones has been established as 24 BOPD, 3 BWPD and 722 MCF/D. By deduction, the Drinkard production capability is established at 18.4 BOPD, 0 BWPD and 632 MCF/D. The oil and/or water production in compatible one zone with another and there should be no undue formation of precipitates from combined production.
4. Crude gravities are: Drinkard 38°; Blinebry 35°. There would be no difference in the price of the combined crude over that of the crudes produced and sold separately. Royalty and working interest are common throughout and there is no overriding royalty interest. In addition, both crudes are comingled at the battery.
5. Bottom hole pressures are estimated to be 715# for the Drinkard and 650# for the Blinebry.

New Mexico Oil Conservation Commission
Mittie Weatherly #5
June 20, 1977
Page 2

6. Completion perforations in the Drinkard zone are 6584-6636 4SPF and 6338-6566 selective. Blinebry perforations are 5792-5911 selective.
7. A production decline curve is attached for the Blinebry zone.
8. Offset operators were sent a copy of form C-103, dated 4-15-77, as notice of our application for administrative approval to down-hole comingle these zones.

We propose allocation of the combined production be based on the cited Blinebry zone segregated test of 5 BOPD, 4 BWPD and 90 MCF/D. Since this zone was not reworked it is expected that this would be a good basis to determine Drinkard production. The Drinkard zone was recently treated and probably will show a decline in production during the next year.

Your consideration and advice will be appreciated.

Yours truly,

Tom C. Young

Tom C. Young
N. B. HUNT OIL COMPANY

TCY:ca

cc: New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240

BL 5.6 BO 23% 90 mcf 12
Dr 18.4 BO 77% 632 mcf 88
24.0 722

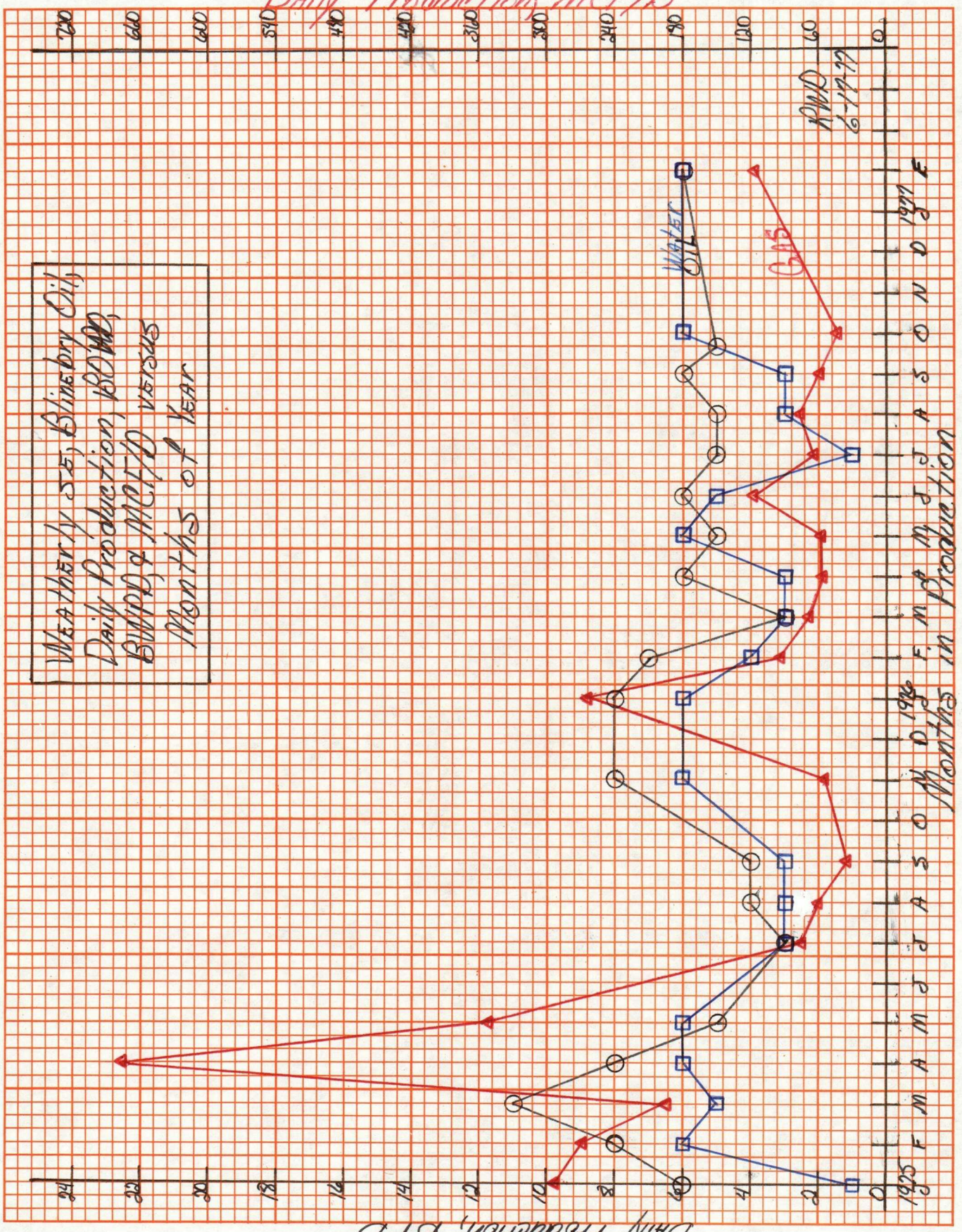
Bottom ff 6636 = max prod 40 BOPD

Weatherly SE, Blinberry Oil,
Daily Production, BOPD,
BOPD & MCF/D versus
Months of Year

Daily Production, MCF/D

RWD
6-19-77

Daily Production, BPD



Months in Production

NEW MEXICO OIL CONSERVATION COMMISSION

JUN 23 1977

Indicate Type of Lease

State TX

Fee ☒

State Oil & Gas Lease No.

OIL CONSERVATION COMM.

Santa Fe

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO CEMENT OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT TO DRILL" (FORM C-101, FOR SUCH PROPOSALS.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name
2. Name of Operator N. B. HUNT		8. Farm or Lease Name Weatherly
3. Address of Operator 2500 First National Bank Bldg.; Dallas, Texas 75202		9. Well No. #5
4. Location of Well UNIT LETTER <u>E</u> . <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>550</u> FEET FROM THE <u>West</u> LINE, SECTION <u>21</u> TOWNSHIP <u>21S</u> RANGE <u>37E</u> NMPM.		10. Field and Pool, or Wildcat Blinebry & Drinkard
15. Elevation (Show whether DF, RT, GR, etc.) DF 3485		12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

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.

The well was originally producing from Blinebry perforations 5798-5911'. Daily production averaged 5.6 BOPD with 90 MCF/D gas. The workover re-opened old Drinkard perforations, 6584-6636', perforated new Drinkard zones, 6338'-6566', and the entire Drinkard section was treated with a 50,000 gal frac treatment. Since treatment, both zones have been producing together with a combined flow of 24 BOPD and 722 MCF/D gas. Water production averages 3 BWPD.

Due to the fact that the Blinebry could not be produced separately, economically, we are now applying for authority to down-hole comingle these two zones. Included are well tests from the Blinebry before the workover, and test taken after comingling which indicates most of the production coming from the Drinkard zones. Also included are results from B.H.P. tests and production data before workover.

A copy of this form has been sent to all offset operators as notification of this application.

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

SIGNED Tom Young TITLE District Superintendent DATE June 20, 1977

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

C-118
Received 1-1-65

District Superintendent

67:31-1

C-116
Received 1-1-65

District Superintendent

APR 28 1972
OIL CONSERVATION COMB
Santa Fe

DATE April 22, 1977

RE: Proposed MC _____
 Proposed DHC _____ X
 Proposed NSL _____
 Proposed SWD _____
 Proposed WFX _____
 Proposed PMX _____

I have examined the application dated _____
for the N. B. Hunt Weatherly #5-E 21-21-37
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.-----J.S.

Yours very truly,

James L. Lister

5/26: Jerry called; says all the dope is in the
well file. No letter written.
6/6: I sent memo to Hunt.