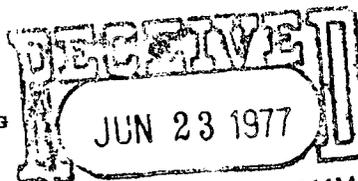


N. B. HUNT
2500 FIRST NATIONAL BANK BUILDING
DALLAS, TEXAS 75202



OIL CONSERVATION COMM.
Santa Fe

June 20, 1977

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

Application for Exception to
Statewide Rule No. 303-C to
Down-Hole Comingle 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	B0	23%	90 mcf	12
Dr	18.4	B0	17%	632 mcf	88
	<u>24.0</u>			<u>722</u>	

Bottom of 6636 = max prod 40 BOPD

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

NEW MEXICO OIL CONSERVATION COMMISSION

JUN 23 1977

Indicate Type of Lease
 State TX Fee
 5. State Oil & Gas Lease No.
 OIL CONSERVATION COMM.

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>	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

16. 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 OPHS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <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:

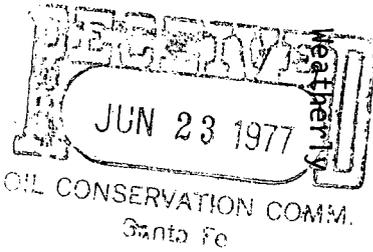
NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator **N. B. Hunt** Pool **Blinebry** County **Lea**

Address **2500 First National Bank Building** TEST - (X) Scheduled Special

LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	TYPE OF TEST - (X)	CHOKE SIZE	TGB. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT/BSL	
		U	S	T							R	WATER BLS.	GRAV. OIL		OIL BLS.
Weatherly	5	E	21	21S	37E	2-4-77	P	48	6	24	6	34	6	118	19,667
											4	35	5	90	
Average production for last year											4	35	5	90	18,000



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.

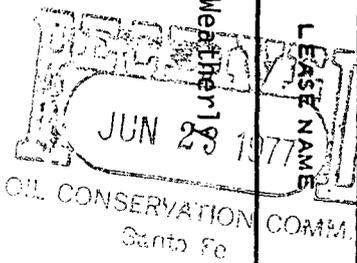
I hereby certify that the above information is true and complete to the best of my knowledge and belief.

[Signature]
 District Superintendent

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator N. B. Hunt		Pool Blinbry Drinkard		County Lea									
Address 2500 First National Bank Building				TYPE OF TEST - (X) <input checked="" type="checkbox"/> Scheduled <input type="checkbox"/> Special <input checked="" type="checkbox"/>									
LEASE NAME Weather 18	WELL NO. 5	LOCATION			DATE OF TEST 3-27-77	CHOKE SIZE 24/64	T.B.G. PRESS. 135	DAILY ALLOW-ABLE 6	LENGTH OF TEST HOURS 24	PRODUCTION DURING TEST			GAS - OIL RATIO CU.FT./BBL
		U E	S 21	T 21S						R 37E	WATER BBL'S. 3	GRAV. OIL 36	
										GAS - OIL RATIO CU.FT./BBL		30,083	
										GAS - OIL RATIO CU.FT./BBL		18,000	
										GAS - OIL RATIO CU.FT./BBL		33,263	



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

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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.

Tom Jones (Signature)
District Superintendent

OIL CONSERVATION COMMISSION
Hobbs DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE April 22, 1977

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

APR 28 1977
OIL CONSERVATION COMMISSION
Santa Fe

Gentlemen:

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,



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