



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

GARREY CARRUTHERS
GOVERNOR

1-11-91

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

DHC - 786

RE: Proposed:

MC _____
DHC ☒ _____
NSL _____
NSP _____
SWD _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Mobil Producing TX & NM Inc. Brunson Argo #12-H 9-22-37
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed

Mobil Exploration & Producing U.S. Inc.

January 5, 1991

P.O. BOX 633
MIDLAND, TEXAS 79702

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

MIDLAND DIVISION

Attention: Mr. William J. LeMay

EXCEPTION TO RULE 303(A)
BRUNSON ARGO WELL NO. 12
BLINEBRY OIL & GAS AND
TUBB POOLS
LEA COUNTY, NEW MEXICO

Gentlemen:

Mobil Exploration & Producing U.S. Inc., as agent for Mobil Producing Texas & New Mexico, Inc. (MPTM), requests administrative approval to downhole commingle production from the Tubb and Blinebry Oil and Gas Pools within the wellbore of its Brunson Argo Well No. 12 located 589 feet from the East line and 1909 from the North line (Unit H) of Section 9, T-22-S, R-37-E, Lea County, New Mexico.

The well is presently completed in the Drinkard Oil and Gas Pool. Therefore, Mobil is requesting a permit to recomplete the well as a downhole commingled Tubb and Blinebry well. Order No. R-8929 dated May 10, 1989, granted the downhole commingle of the Drinkard and Blinebry in the Brunson Argo No. 6 located in Unit E, Section 10, T-22-S, R-37-E, and Order No. DHC -762 dated July 24, 1990, granted Drinkard/Blinebry in the Brunson Argo No. 13 located in Unit A, Sec. 9, T-22-S, R-37-E, Lea County, New Mexico.

The subject well meets all prerequisites for commingling, as set out in Rule 303(C). The ownership of these zones is common, and they have been successfully commingled on adjacent leases with no incompatibility of fluids found.

In support of this application, the following is submitted:

- 1) Location Plat;
- 2) Data sheet for both zones;
- 3) Computation of relative values for hydrocarbons;
- 4) Present/proposed wellbore sketches;

New Mexico Oil Conservation Division -2-
January 5, 1991
Exception to Rule 303(A)
Brunson Argo Well No. 12

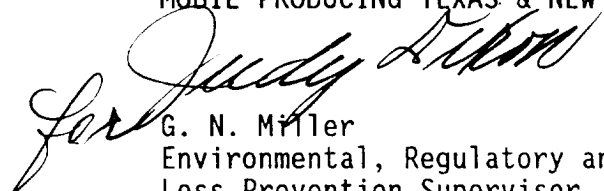
- 5) C-116 Form Well test for the Brunson Argo 12.
- 6) List of offset operators.
- 7) C-101 & C-102

All offset operators have been notified of MPTM's request by copy of this application.

In conclusion, MPTM believes that approval of this request will result in more efficient recovery of hydrocarbons and will extend the productive life of both zones, thereby preventing waste. If any further information is needed, please contact J. W. Dixon at (915) 688-2452.

Yours very truly,

MOBIL EXPLORATION & PRODUCING U.S. INC.
AS AGENT FOR
MOBIL PRODUCING TEXAS & NEW MEXICO, INC.


G. N. Miller
Environmental, Regulatory and
Loss Prevention Supervisor

/jwd

attachments

cc: ✓ NMOCD - Hobbs
Offset Operators
Commissioner of Public Lands - application fee \$30
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

New Mexico Oil Conservation Division -3-
January 5, 1991
Exception to Rule 303(A)
Brunson Argo Well No. 12

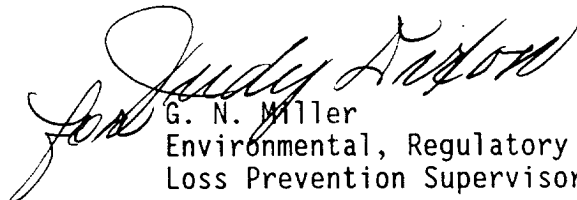
- 5) For C-116 Well test for the Brunson Argo 13LT.
- 6) List of offset operators.
- 7) C-101 & C-102

All offset operators have been notified of MPTM's request by copy of this application.

In conclusion, MPTM believes that approval of this request will result in more efficient recovery of hydrocarbons and will extend the productive life of both zones, thereby preventing waste. If any further information is needed, please contact J. W. Dixon at (915) 688-2452.

Yours very truly,

MOBIL EXPLORATION & PRODUCING U.S. INC.
AS AGENT FOR
MOBIL PRODUCING TEXAS & NEW MEXICO, INC.


G. N. Miller
Environmental, Regulatory and
Loss Prevention Supervisor

/jwd

attachments

cc: NMOCD - Hobbs
Offset Operators
Commissioner of Public Lands - \$30 application Fee
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

bcc: w/attachment
Central Files
Regulatory Files
Proration Acct -
Reservoir Engineer - B. Pence - 1100 UBB
Operations Supv. - (Andrews) R. P. Pratt
RMT Leader - T. Buchanon - 1133 UBB

B:M1348a.jwd

EXHIBIT "A" DATA SHEET

APPLICATION FOR EXCEPTION TO RULE 303(a) NEW MEXICO OIL CONSERVATION
COMMISSION'S RULES & REGULATIONS ALLOWING DOWNHOLE COMMINGLING OF DUALY
COMPLETED OIL WELLS BY ADMINISTRATIVE PROCEDURE (ORDER NO. R-3845)

1. Lease Name Brunson Argo
2. Well No. 12
3. Well Location: Unit H, 589 feet from East line,
1909 feet from North line of Section 9,
Township T-22-S Range R- 37-E, Lea County,
New Mexico
4. Upper Zone Blinebry
5. Completion Interval 5470-5725'
6. Lower Zone Tubb
7. Completion Interval 5938-6145'
8. Current Productivity Test Summary

	<u>Blinebry</u> (Upper Zone)	<u>Tubb</u> (Lower Zone)
Producing Method	Proposed Valves	
Oil Bbl./day	Flow	Flow
Gas Mcf/day	<u>-0-</u>	<u>-0-</u>
Water Bbl./day	<u>100</u>	<u>50</u>
GOR	<u>-0-</u>	<u>-0-</u>
GOR Limit	<u>-----</u>	<u>-----</u>

- *9. Bottom-hole Pressure of Upper Zone 300 (Blinebry)
- *10. Bottom-hole Pressure of Lower Zone 300 (Tubb)
11. Fluid Characteristics of Each Zone No measurable produced volumes of oil or gas. Each gas averages a 0.68 specific gravity.

*Estimated based on offset wells - (See Exhibit "C" attached)

EXHIBIT "B"

COMPUTATION OF RELATIVE VALUES OF THE HYDROCARBON PRODUCTIVE BEFORE AND AFTER DOWNHOLE COMMINGLING (STATEWIDE RULE 303-C-2-H)

Lease and Well No. Brunson Argo #12

	<u>UPPER POOL</u> <u>PROPOSED</u>	<u>LOWER POOL</u>	<u>COMMINGLED</u>
Pool Name	Blinebry	Tubb	Tubb
Gravity, API	-----	-----	-----
Selling price/BBL.	1.50	1.50	1.50
Daily Product/BBL.	100	50	150
Daily Income	\$150.00	\$75.00	\$225.00

TOTAL DAILY INCOME (POOLS SEPARATED) \$225.00

Net difference realized from downhole commingling based on current well test=
-0- gain.

BRUNSON ARGO NO 12
LEA COUNTY, NM
PROPOSED CONDITION

10/90
MJJ

