



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

10-29-91

BRUCE KING  
GOVERNOR

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 - 831

RE: Proposed:

MC \_\_\_\_\_  
DHC X \_\_\_\_\_  
NSL \_\_\_\_\_  
NSP \_\_\_\_\_  
SWD \_\_\_\_\_  
WFX \_\_\_\_\_  
PMX \_\_\_\_\_

Gentlemen:

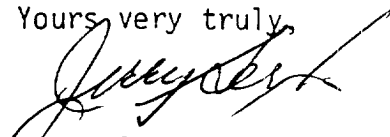
I have examined the application for the:

Mobil Producing TX & NM Inc. E.O. Carson #17-N 28-21-37  
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.

October 22, 1991

P.O. BOX 633  
MIDLAND, TEXAS 79702-0633

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

MIDLAND SOUTH ASSET TEAM  
ENVIRONMENTAL, REGULATORY &  
LOSS PREVENTION

PHONE (915) 688-1753  
FACSIMILE (915) 688-2445

Attention: Mr. William J. LeMay

**EXCEPTION TO RULE 303(A)  
E. O. CARSON WELL NO. 17  
BLINEBRY 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 E. O. Carson Well No. 17 located 518.6 feet from the South line and 2121.4 from the West line (Unit N) of Section 28, T-21-S, R-37-E, Lea County, New Mexico.

The subject well is dually completed in the Tubb and Blinebry Oil and Gas Pools. The Blinebry produces 163 MCFD while the Tubb produces 88 MCFD. Tubb gas is produced through the production tubing while the Blinebry gas is produced up the tubing-casing annulus. Due to the low gas rates from the Blinebry, this zone periodically loads up which restricts gas production and results in a loss of revenue. Operation of this well would be more efficient if the two zones were commingled and the combined flow rates utilized to lift wellbore fluids.

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 and Proposed Wellbore sketches;



**Environmental  
Awareness**



New Mexico Oil Conservation Division -2-  
October 22, 1991  
Exception to Rule 303(A)  
E. O. Carson Well No. 17

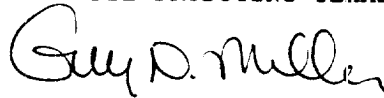
- 5) C-116 Form Well test for the E. O. Carson #17
- 6) List of offset operators.
- 7) C-101 & C-102 forms.
- 8) Copy of cover letter with attached Administrative Orders  
NSL-2946 and SD-84-2.

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

JWDixon

attachments

cc: NMOCD - Hobbs/application plus original C-101 & C-102  
Offset Operators  
Commissioner of Public Lands - application plus \$30 fee  
P.O. Box 1148  
Santa Fe, New Mexico 87504-1148

cc: w/attachment  
Central Files  
Regulatory Files  
Proration Acct -  
Operations Supv. - D. Werley -(Buckeye)  
RMT Leader - D. Burnham - 7th Floor TCB  
Res. Engr - M. Jimenez - 838 TCB

A:M11048A.JWD

OFFSET OPERATORS

AMERADA HESS CORPORATION  
ATTN: ENVIR/REGULATORY DEPT.  
BOX 840  
SEMINOLE, TX 79360

ARCO  
ATTN: ENVR/REG. DEPT.  
P.O. BOX 1610  
MIDLAND, TX 79702

AMOCO PRODUCTION COMPANY  
P. O. BOX 3092  
ATTN: MARY CORLEY, RM 3.258  
HOUSTON, TX 77253

MARATHON OIL COMPANY  
ATTN: ENVR/REG. DEPT.  
P.O. BOX 552  
MIDLAND, TX 79702-0552

CHEVRON USA, INC.  
(formerly Gulf Oil Co.)  
ATTN: ENVIR/REGULATORY DEPT.  
P. O. BOX 1150  
MIDLAND, TX 79702

ORYX ENERGY COMPANY  
P. O. BOX 1861  
MIDLAND, TX 79702  
ATTN: ENVR/REG DEPT.

SHELL WESTERN EXP & PROD. INC.  
ATTN: ENVR/REG. DEPT.  
P. O. BOX 576  
HOUSTON, TX 77001

WISER OIL COMPANY  
ATTN: ENVR/REG DEPT.  
700 PETROLEUM BLDG.  
WICHITA FALLS, TX 76301

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 E. O. Carson
2. Well No. 17
3. Well Location: Unit N, 2121.4 feet from West line,  
518.6 feet from South line of Section 28,  
Township 21-S Range 37-E, Lea County,  
New Mexico
4. Upper Zone Blinebry
5. Completion Interval Proposed @ 5450'-5713'
6. Lower Zone Tubb
7. Completion Interval 5952 - 6286
8. Current Productivity Test Summary

	<u>Blinebry</u> (Upper Zone)	<u>Tubb</u> (Lower Zone)
	Proposed Valves	
Producing Method	<u>Flow</u>	<u>Flow</u>
Oil Bbl./day	<u>0</u>	<u>0</u>
Gas Mcf/day	<u>163</u>	<u>88</u>
Water Bbl/day	<u>0</u>	<u>0</u>
GOR	<u>0</u>	<u>0</u>
GOR Limit	<u>0</u>	<u>0</u>

- \* 9. Bottom-hole Pressure of Upper Zone 435
- \* 10. Bottom-hole Pressure of Lower Zone 550
11. Fluid Characteristics of Each Zone Small amounts of water  
are produced periodically.

\*BHP's were extrapolated from surface shut-in pressures.

State of New Mexico  
Energy, Minerals &  
Natural & Resources Dept.

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

Gas  
Supplement  
No.: SE 6317  
Date: 2/25/91

NOTICE OF ASSIGNMENT OF ALLOWABLE TO A GAS WELL

The operator of the following well has complied with all the requirments of the Oil Conservation Division and the well is hereby assigned an allowable as shown below.

Date of Connection 1/2/91 Date of First Allowable or Allowable Change 2/25/91  
Purchaser Northern Natural Gas Pool Blinbrv  
Operator Mobil Producing TX & NM Inc. Lease E.O. Carson  
Well No. \* #17 Unit Letter N Sec. 28 Twn. 21 S Rge. 37 E  
Dedicated Acreage \*120 Revised Acreage Difference  
Acreage Factor \*.75 Revised Acreage Factor Difference  
Deliverability Revised Deliverability Difference  
A x D Factor Revised A x D Factor Difference

\*#17 is NEW WELL and shares existing  
120-ac PU w/ #19-L.

OCD Dist. No. I

CALCULATION OF SUPPLEMENTAL ALLOWABLE

Previous Status Adjustments.....

MO.	PREV. ALLOW.	REV. ALLOW.	PREV. PRCD.	REV. PROD.	REMARKS
Apr					
May					
Jun					
Jul					
Aug					
Sep					
Oct					
Nov					
Dec					
Jan					
Feb					
Mar					
Apr					
May					
Jun					
Jul					
Aug					
Sep					
Oct					
Nov					
Dec					
Jan					
Feb					
Mar					

TOTALS  
Allowable Production Difference.....  
Schedule O/U Status.....  
Revised O/U Status.....  
Effective In Schedule  
Current Classification To