



# CONTINENTAL OIL COMPANY

P. O. Box 460  
HOBBS, NEW MEXICO 88240

PRODUCTION DEPARTMENT  
HOBBS DIVISION  
L. P. THOMPSON  
Division Manager  
G. C. JAMIESON  
Assistant Division Manager

1001 NORTH TURNER  
TELEPHONE 393-4141

May 26, 1971

*DHC - 89*  
*New June 17*

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

Attention Mr. A. L. Porter, Jr., Secretary-Director

Gentlemen:

Application for Downhole Commingling - J. H. Nolan Well No. 3  
Unit K-11-21S-37E

Continental Oil Company, Box 460, Hobbs, New Mexico, as operator of the J. H. Nolan Lease respectfully requests administrative approval under the provisions of Order No. R-3845 to commingle in the well bore production from the Blinebry Oil and the Drinkard Oil Pools in its J. H. Nolan Well No. 3 located in Unit K of section 11, T-21S, R-37E, Lea County, New Mexico. This dual completion was authorized by Administrative Order No. MC-1167. The attached plat shows the J. H. Nolan lease outlined in red and the No. 3 well by the red circle.

Test data for the J. H. Nolan Well No. 3 has not been reliable the past several months due to packer leakage which has resulted in communication between the two zones. On March 18, 1971, the Blinebry tested 20 BOPD, 4 BWPD and 118 MCFGPD with the Drinkard shut-in. On March 18, 1971, the Drinkard tested 6 BOPD, 2 BWPD and 24 MCFGPD with the Blinebry shut-in. No C-115 is attached for the well due to the unreliable test data.

On May 21, 1971, the bottom hole pressure in the Blinebry and Drinkard was measured in J. H. Nolan Well No. 1 located approximately 2000 feet southwest from the J. H. Nolan Well No. 1. The Blinebry pressure was measured to be 679 psi after shut-in 24 hours. The Drinkard pressure was measured to be 624 psi. It was not considered feasible to obtain pressure surveys in the J. H. Nolan Well No. 1 due to the communication between the zones.

Attached hereto is a production decline curve for each zone. Anticipated production from the well is 30 BOPD by pumping.

Mr. A. L. Porter  
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The fluid from these two pools has been commingled at the tank battery for a number of years and there has been no indication of incompatibility. Both crudes are typical Permian high gravity crude.

A copy of the application is being furnished to all offset operators. Your further handling and approval of this application will be sincerely appreciated.

Yours very truly,



G. C. Jamieson

dw

CC + enc:

NMOCC-Hobbs

Shell Oil Company

Aztec Oil & Gas Company

Getty Oil Company

Moran Oil Producing & Drilling Co.

Skelly Oil Company

Atlantic Richfield Company

Chevron Oil Company

RLA: JJB: JWK: FILE

NOLAN NO. 3



