

SHELL OIL COMPANY

P.O. BOX 991 HOUSTON, TEXAS 77001

May 15, 1975

Subject: Application for Downhole Commingling for State Section 2 Lease, Well No. 16. Unit Letter K, Located 3546' FNL & 1700' FWL Sec. 2, T-21-S, R-37-E,

Lea County, New Mexico

New Mexico Oil Conservation Commission (3) P. O. Box 2088 Santa Fe, New Mexico 87501

Attention Mr. A. L. Porter, Jr.

Gentlemen:

Shell Oil Company requests administrative approval to commingle in the wellbore oil produced from the Blinebry and Drinkard Pools on their State Section 2 Lease in Well No. 16 located in Lot 11 (Unit Letter K), Sec. 2, T-21-S, R-37-E, Lea County, New Mexico, according to Rule 303C.

The subject well is presently a Blinebry producer cased through the Drinkard pool. A completion in the Drinkard was attempted in 1963 but economical production was not obtained, however, it is believed that this zone can be made to produce economically by this downhole commingling operation.

After commingling, the energy of the Blinebry gas will be utilized to gas lift the Drinkard and flow the Blinebry production by the use of a packer, check valve, and side door choke, according to the attached drawing. this will allow the Drinkard pool to be economically produced as well as recover additional reserves. The fluids from these zones are known to be compatible and are presently being commingled at the battery by order R-2100; therefore, the price of the product will not be affected. Ownership of both zones is common. Secondary operations will not be jeopardized by approval of this application.

The offset operators are being notified by copy of this application.

Yours very truly,

Division Production Manager

Mid-Continent Division

BWB: NPK

Attachments

cc - Offset Operators

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

NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

Revised 1-1-65

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CU.FT/BBI GAS - 01L 26,250 RATIO Special X GAS M.C.F. 105 TEST PROD. DURING OIL BBLS 4 35.6 WATER GRAV. Completion BBLS. 0 LENGTH MOURS TEST 24 County Lea ALLOW-DAILY ABLE Scheduled S PRESS. TBG. 240 CHOKE SIZE TYPE OF TEST - (X) ٠, PI PUTATE DATEOF 4-21-75 TEST Blinebry 011 37 Œ LOCATION 21 ~ ¥ Texas 79701 WELL ġ 16 Box 1509, Midland, LEASE NAME Shell Oil Company State Section 2 o Operator Address

I hereby certify that the above information is true and complete to the best of my know ledge and belief. During gas-oil ratio test, each weil 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.

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Mail original and one copy of this report to the district office of the New Mexico Oll Conservation Commission in accordance with Rule 301 and appropriate pool rules.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

will be 0.60.

Gas volumes must be reported in MCF measured at a pressure base of 15,025 paia and a temperature of 60° F. Specific gravity base

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

Harris

Staff Production Engineer (Signature)

5-15-75

(Date)