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J. R. CONE

1423 NORTH AVENUE P P. O. BOX 871 LUBBOCK, TEXAS 79408

March 23, 1977

Oil Conservation Commission P. O. Box 2038 Santa Fe, New Mexico 87501

Attention: Mr. Joe D. Ramey, Secretary-Director

Re: Application for Administrative Approval, Down-Hole Commingling, J. R. Cone Eubanks Well No. 2, Blinebry and Tubb Oil & Gas Pools, Unit L, Section 14, T-21-S, R-37-E, Lea County, New Mexico.

Dear Mr. Ramey:

J. R. Cone herewith makes application for administrative approval of down-hole commingling in his Eubanks Well No. 2 described above.

The following attachments are appended in support of this application:

1. Area plat showing location of subject well and lease;

2. Sketch of the down-hole mechanical arrangement in Eubanks No. 2;

3. NMOCC Form C-116 which lists the most recent well test data of the Blinebry and Tubb Oil & Gas zones;

4. A list of all offset operators to the Eubanks lease each of whom has been furnished a copy of this application.

Eubanks No. 2 was completed initially in the Drinkard Pool in May 1949. In May 1952 the well was recompleted as a Tubb Gas over Drinkard dual. Lastly, the well was recompleted as a parallel tubing strings Blinebry Oil over Tubb Gas dual in March 1964 under NMOCC Order No. MC-1449.

Effective January 1, 1972 the Blinebry zone was reclassified as a gas well because of excessive gas-oil ratio and shut in. Also effective the same date, the 40 acres formerly dedicated to the Blinebry Oil zone were dedicated to an 80-acre non-standard proration unit established for Blinebry gas production from the east-offsetting Eubanks Well No. 3. The Blinebry zone in Well No. 2 has remained shut in since January 1, 1972 except for the test reported on the attached C-116.

A recent abbreviated packer leakage test, in which only the Tubb zone was produced following a 24-hour shut-in, indicated leakage in the Tubb or long tubing string above the dual production retainer.

Bottom hole pressures have not been run on Well No. 2 because of the downhole leakage evidence.

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MAR 2 1977 OIL CONSERVATION CUMM. HOBBS. N. M. Page 2: J. R. Cone down-hole commingling application, Eubanks No. 2:

No incompatibility problems are anticipated from the proposed down-hole commingling based on experience with the other three wells on the Eubanks lease. In those wells, the Blinebry and Drinkard zones are commingled down-hole under the following authorities:

Well No. 1 - Administrative Order No. DHC-117, dated July 13, 1972. Well No. 3 - Order No. R-5169, dated February 24, 1976. Well No. 4 - Order No. R-5064, dated July 22, 1975.

The tests listed on the attached C-116 indicate the marginal character of both the Blinebry and Tubb Oil & Gas zones in Well No. 2. Should this application be approved, it is recommended that the commingled oil and gas production be allocated to the respective zones on the basis of those tests as follows:

Blinebry Oil & Gas: Oil 71 percent; gas 58 percent. Tubb Oil & Gas: Oil 29 percent; gas 42 percent.

We shall appreciate your favorable consideration of this application.

Respectfully submitted,

J. R. CONE

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Attachments (4)

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To accompany DHC application March 23, 1977.

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GAS-CIL RATIO TESTS	NEW MEXICO OIL CONSERVATION COMMISSIC
	ISSION

0-116 Revised 1-1-65

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loc											Address	Operator
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 excending 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 ullowables when authorized by the Commission.								Eubanks	LEASE NAME		Box 871, Lubbock,	J. R. CONE
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I hereby certify that the above information is true and complete to the best of my know ledge and belief.		18,263	62,400	56,000	1		31,833			RATIO		

Ges 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.

Mull 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.

(m. - L. O. Storm Engineer (Signuture)

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OIL CONSERVATEON COMM. HOBBS, N. M.

List of attachments_

- 1. Area plat showing lease and well in question.
- 2. Schematic sketch showing present down-hole mechanical arrangement of well in question.
- 3. NMOCC Form C-116 presenting most recent well test data.

DISTRIBUTION LIST

Oil Conservation Commission (2) P. O. Box 2088 Santa Fe, New Mexico 87501 Oil Conservation Commission (1) P. O. Box 1980 Hobbs, New Mexico 88240 Atlantic Richfield Company (1) P. O. Box 1710 Hobbs, New Mexico 88240 Getty Oil Company (1) P. O. Box 249 Hobbs, New Mexico 88240 Gulf Energy & Minerals - U S (1) P. O. Box 670 Hobbs, New Mexico 88240 Marathon Oil Company (1) P. O. Box 2409 Hobbs, New Mexico 88240 Moranco (1) P. O. Box 1860 Hobbs, New Mexico 88240 Shell Oil Company (1) P. O. Box 1509 Midland, Texas 79701

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