Gulf Oil Exploration and Production Company

August 8, 1980

R. C. Anderson PRODUCTION MANAGER, HOBBS AREA P. O. Box 670 Hobbs. NM 88240

Mr. Joe D. Ramey, Director New Mexico Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87501

Re: Lee Stebbins (NCT-A) No. 3 Unit F - Section 5, T22S - R37E Lea County, New Mexico

Dear Sir:

Your administrative approval is requested for an exception to Rule No. 303-C-2 to permit down-hole commingling of marginal Blinebry and Drinkard production in the subject well.

The Lee Stebbins (NCT-A) No. 3 was drilled and completed in 1975 and the two zones dually completed under administrative order MC-2187 dated May 6, 1975. The Blinebry and Drinkard are currently commingled above ground under commingling order CTB-262 dated November 25,1975.

There is no evidence of incompatibility of fluids. Reservoir damage from down-hole commingling in the well-bore is not expected to occur. Ownership in the two pools is common and correlative rights will not be violated.

Presently the Drinkard is pumping and the Blinebry will not flow. The reservoir pressure is too low to allow flowing conditions. Swabbing failed to restore Blinebry production. The Blinebry will have to be pumped. If this application is approved, the existing pumping equipment will be used to produce both of the zones.

All offset operators have been notified of the proposal to downhole commingle the subject well. Should secondary recovery operations become practical in the future, the two zones could be separated at that time without damaging either reservoir.

Your early consideration in this matter will be appreciated.

Yours very truly,

C. Cudan

RQH/tkw Attachments dup/Division director cc: Oil Conservation Division COD - Hobbs C. F. Kalteyer- Midland All Offset operators

## OFFSET OPERATORS

## LEE STEBBINS (NCT-A) NO. 3

Amerada Hess P. O. Box 840 Seminole, Texas 79360

Amoco P. O. Box 68 Hobbs, New Mexico 88240

ARCO P. O. Box 1610 Midland, Texas 79702

Wiser Oil P. O. Box 2467 Hobbs, New Mexico 88240

Texaco, Inc. P. O. Box 3190 Midland, Texas 79701 1. Operator:

2. Lease, well and location:

3. Producing zones:

4. Decline Curve:

5. Bottom Hole Pressures:

6. Fluid characteristics:

## 7. Well History:

Gulf Oil Corporation, P. O. Box 670, Hobbs -New Mexico 88240.

Lee Stebbins (NCT-A) No. 3, Unit F 1870' FNL and 2092' FWL, Section 5, T22S-R37E Lea County, New Mexico.

Currently producing the Drinkard Pool, which is to be commingled with the temporarily closed in Blinebry Pool, if approved. Blinebry zone was temporarily closed in June 10, 1980.

See attached sheet.

See attached sheets.

Drinkard and Blinebry are presently being commingled in surface facilities on the Lee Stebbins (NCT-A) lease. To date, there has been no evidence of fluid incompatibility.

Well was spudded 3-18-51 and drilled to a total depth of 6595'. Seven inch production casing was set at 6531' with top of cement at 2775'. Initial completion was in the Drinkard zone in the open hole setion 6532-6595', and through perforations 6430-6460' with (4) '>" JHPF. The perforated interval stimulated with 2000 gallons 15% NE Acid, and fractured with 5000 gallons gelled water containing 1-13# 20-40 SPG, and later treated with 4000 gallons 15% NE Acid and refraced with 5000 gallons gelled water containing 1# 20-40 SPG. The open hole section was treated with 250 gallons 15% NE Acid and fraced with 5000 gallons gelled brine water containing 2# 20-40 SPG. The Drinkard zone was abandoned on 4-15-57 by setting a CIBP at 6344'. The Tubb zone was completed through perforations 6090-6110', 6112-6170', 6185-6216', 6240-6253', 6270-6295' with (2) ½" JHPF, and fractured with 25,000 gallons refined oil containing 1# 20-40 SPG. On 5-10-62 the Drinkard and Tubb were abandoned by capping the CIBP @ 6344' with cement to 6295', setting a CIBP @ 6030', and capping it with cement to 6020'. The Blinebry was completed through perforations 5705', 5728', 5748', 5772', 5801', 5856', with (4) l" quadra jet holes in a plane. The Blinebry was treated with 500 gallons 15% NE acid and fractured with 24,000 gallons gelled lease oil containing 3# 20-40 SPG. In 1975 the CIBP @ 6030' was drilled, and the Tubb perforations 6090-6295' and Blinebry perforations 5705-5806' were squeezed with 425 sacks cement. The

Drinkard open hole section was reopened and fractured with 10,000 gallons gelled water containing 2# 20-40 SPG. The Drinkard perforations 6430-6510' were treated with 3000 gallons 15% NE Acid and fractured with 20,000 gallons gelled water with 1# 20-40 SPG. On test, the Drinkard pumped 10 BO, 12 BW in 24 hours on 9-18-75. The Blinebry was recompleted through perforations 5568-5570', 5584-5586' with (4)  $\frac{1}{2}$ " JHPF. The Blinebry was treated with 700 gallons 15% NE Acid, and fractured with 28,000 gallons gelled water with  $1\frac{1}{2}$ -2#20-40 SPG. On 11-6-75, the Drinkard pumped 3 BO, 5 BW, and the Blinebry flowed 11 BO, 11 BW in 24 hours.

8. <u>Value of Commingled Fluids</u>: Drinkard and Blinebry production is being commingled in surface storage facilities on the subject lease per Administrative Order CTB-262, therefore, down-hole commingling will not affect the price.

9. Current Production:

See attached C-116.

 All Offset operators are being notified by copy of this application.



Bline bry



Lee Stebins "A" # 3

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