OXY

CITIES SERVICE OIL AND GAS CORPORATION
BOX 1919
MIDLAND, TEXAS 79702

(915) 685-5600

June 11, 1984

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

RE: Exception to Rule 303-A to Permit
Surface Commingling for Cities
Service Oil and Gas Corporation's
Byers B Lease, Nadine Blinebry,
West and Nadine Drinkard, West
Pools, Lea County, New Mexico

Dear Mr. Ramey:

Cities Service Oil and Gas Corporation respectfully requests admin-
istrative approval of an exception to Rule 303-A of the Commission
rules and regulations to permit the commingling of crude oil prod-
uction from the Nadine Blinebry, West and Nadine Drinkard, West oil
pools into a common surface storage on our Byers B lease, Section
7-T20S-R38E, Lea County, New Mexico.

The following data is submitted in support of this application:

Oil Gravity and Value Calculation of Commingled Crudes

Blinebry Oil: 34 BOPD @ 38.9⁰
Drinkard Oil: 83 BOPD @ 35.7⁰

$$\text{Combined Oil Gravity} = \frac{34(38.9) + 83(35.7)}{117} = 36.6^0$$

Value Blinebry Oil = 34 BOPD x \$29.96/bbl = \$1018.64/day
Value Drinkard Oil = 83 BOPD x \$29.90/bbl = \$2481.70/day

Total Value of Separate Streams   = \$3500.34/day

Estimated Value of Commingled Oil = 117 BOPD x \$29.92 = \$3500.64/day

The proposed commingling facilities will meet all requirements presented
in the Division "Manual for Installation and Operation of Commingling
Facilities".

In additional support of this application, the following is attached:

1. Plat of the Byers lease
2. Schematic diagram of the lease commingling facilities

Your early approval of this application will be appreciated.

Very truly yours,

CITIES SERVICE OIL AND GAS CORPORATION

Elmer Startz
Region Operations Manager - Production
Southwest Region
E & P Division

ES:JME:jme
attachments

cc: New Mexico Oil Conservation Division
District I Office
P.O. Box 1980
Hobbs, New Mexico 88240

CITIES SERVICE OIL & GAS CORPORATION
BYERS B LEASE
Sec. 7 - T 20 S - R 38 E
Lea County, New Mexico

Proposed Commingling Facilities

Byers B #1 (Blinebry)

yers B #2 (Blinebry)
(Drinkard)

3yers B #4 (Drinkard)

No DHC #'s as of
yet. DHC #472

6-27-84

HT
M

S
M

HT
M

CP

HT

ST

Byers Sales

GETTY
123
E Eumont Unit

MB WEIR

CONUCO

ANTWEIL 12

SHANU

Skaggs "B"
TEXACO

Weir "A"
TEXACO

Weir "B"
TEXACO

Kershaw

MONSTRO
ANTWEIL

Kershaw

Solar

Barnhill

ANTWEIL

LEDBETTER

Moby   Cities

Sudell

Tidewater

Amerada Hess Corp.

Byers B

Byers

F Turner J
BURLESON

CROWN CENT

Stanford
GETTY

Dressen
AMERADA

Raley "A"
Roley

Stovall
AMERADA

McCollister
HBP

H Philips

Wolfson

Brunson

CROWN
CENTRAL

Huey

Dewey

Ike

Herman

ANTWEIL

AMERADA

AMERADA
Raley

Fulbert
TAMARACK

Patterson
ANTWEIL

Albert
TAMARACK

Harkins
ANTWEIL

Helwig
ANTWEIL

Roberts
TAMARACK

ANTWEIL

TAMARACK ETAL

Eggen
TAMARACK

Pearl
TAMARACK

CONOCO
HBP

38 E