Earl R. Bruno

P.O. BOX 5456 MIDLAND, TEXAS 79704 (915) 684-8488

OF CONSERVATION DIVISION RECT VED

10日10月1日 AM 9 29

August 15, 1991

Energy, Minerals & Natural Resources Department Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87504

> RE: Downhole commingline Carlson B25 #3 Justis Abo Justis Tubb Drinkard

Gentlemen:

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We are requesting authority to downhole commingle the above mentioned pools in the Carlson B25 #3 well.

The Justis Abo is a flowing well and is currently producing. The Justis Tubb Drinkard has been SI since August, 1982, and the tubing removed.

This zone must be produced by artificial lift. With the relatively low production volumes of this well, it would not be feasible to produce by itself.

The downhole commingling of these two zones would allow valuable reserves to be recovered from the Tubb Drinkard. Without approval, these reserves would be lost. We therefore request approval for the downhole commingling.

If you have any questions, please call.

- yuestion Abo 6182-6186 712-5662-5942

Thank you

Notices of our intention to downhole commingle the Justis Abo and the Justis Tubb Drinkard were sent to the below listed on August 15, 1991:

United States Department of the Interior P.O. Drawer 1857 Roswell, New Mexico 88201

Union Texas Petroleum Box 2120 Houston, Texas 77056

Texaco E & P Box 3109 Midland, Texas 79702

Chevron USA Box 1150 Midland, Texas 79702

Amoco Box 3092 Houston, Texas 77253

Amerada Hess Entex Bldg. 1200 MiTam St. Houston, Texas 77002

Arco Box 1346 Houston, Texas 77251

Earl R. Bruno

P.O. BOX 5456 MIDLAND, TEXAS 79704 (915) 684-8488

August 15, 1991

Gentlemen:

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We have applied for downhole commingling authority for the Carlson B25 #3, S - 25, T - 25 - S, R - 37 - E, Lea County, New Mexico.

We propose to commingle production from the Justis Abo with the Justis Tubb Drinkard.

Thank you, Jim Muy Dim Gray

Operator: Earl R. Bruno Inc. P.O. Box 590 Midland, Texas 79702

Lease Name: Carlson B25 Well #3

- Location: 990' FSL & 1650' FEL 25-25S-37E Lea County, New Mexico
- Pools: Justis Tubb Drinkard Justis Abo
- C-116: The Abo zone has a hole in the tubing. I am enclosing the last 2-116 showing its production.

The Tubb Drinkard zone, in this well, has been TA'D. No production information is available on it. However, I am enclosing a copy of C-116 for immediate offsets. This will be representative of production from this well.

- Curves: A production curve has been submitted on the Carlson B25 #3 lower (Abo) zone. The upper (Tubb Drinkard) zone was SI in 1980. There was no way to plot a curve on this zone other than to use an offset well.
- BHP: The BHP for the Abo is 840 PSI. This is based on SI wellhead pressure prior to the well developing a hole in the tubing.

The BHP for the Tubb Drinkard is 520 PSI. This was based on a fluid level prior to development of a hole in the Abo tubing.

The Abo produces virtually water free. The oils have been surface commingled since August 1982, by authority of Amendment PC-552. I have attached a copy of this.

I would recommend that after downhole commingling, the well be tested and any additional production be attributed to the Tubb Drinkard formation. The decline on the Abo gives us a good consistent production history for the Abo.

All offset operators and the BLM have been notified of this proposal.

y E Gray

Instructions: During gas-oil ratio test, each well 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 Division. Gas 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. (See Rule 301, Rule 1116 & appropriate pool rules.)					Carlson B25 Fed.	LEASE NAME		Address P.O. BOX 590 MIDLAND.	Operator EARL R. BRUNO		DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410	P.O. Box 1980, Hobbs, NM 88240 DISTRICT II P.O. Drawer DD Arresis NM 88210	Submit 2 copies to Appropriate District Office. DISTRICT 1
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United States Department of the Interior

NM-41-84

MINERALS MANAGEMENT SERVICE ROSWELL DISTRICT OFFICE POST OFFICE DRAWER 1857 ROSWELL, NEW MEXICO 88201

July 1, 1982

Santa Fe Energy Company 7200 I-40 West Amarillo, Texas 79106

Attention Anthony J. Welker

Gentlemen:

Your letter application of June 14, 1982, requests approval to commingle Abo oil produced from well No. 3 Federal B-25 with commingled Blinebry, Tubb-Drinkard and Fusselman from the same lease, which was approved by our letter of July 8, 1977.

Commingling of Abo production from the subject well with Blinebry, Tubb-Drinkard and Fusselman production is hereby approved subject to like approval by the New Mexico Oil Conservation Division. Production is to be allocated to the well on the basis of individual well test.

Sincerely yours,

James A. Gillham

District Supervisor

Enclosure

NEW MEXICO OIL CONSERVATION DIVISION POST OFFICE BOX 2088 SANTA FE, NEW MEXICO 87501

AMENDMENT COMMINGLING ORDER PC-552

Santa Fe Energy Company Central Division - Permian Basin District 7200 I-40 West Amarillo, Texas 79106

Attention: Anthony J. Welker, Production Engineer

Lease Name: Carlson Federal B-25

Description: S/2 SE/4 Sec. 25, T-25-S, R-37-E, NMPM, Lea County

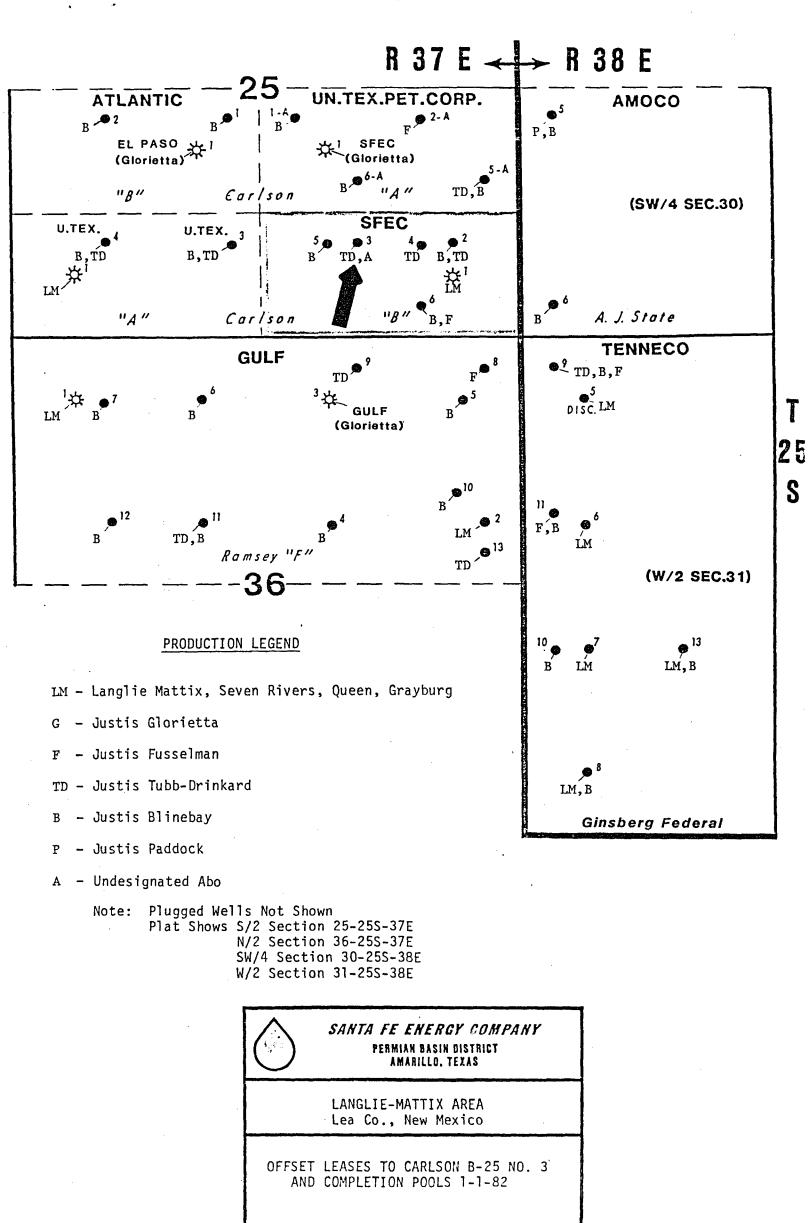
The above-named company is hereby authorized to commingle Justis-Blinebry, Justis Tubb-Drinkard, Undesignated Abo, and Justis Fusselman pool production in a common tank battery and to determine the production from each pool by well tests. (If this method is to be authorized, all commingled production must be of marginal nature; further the operator shall notify the Santa Fe Office of the Division in the event any well in the commingled battery becomes capable of top allowable production, at which time the Division will amend this order or take such other action as may be appropriate.)

NOTE: This installation shall be installed and operated in accordance with the applicable provisions of Rule 303 of the Division Rules and Regulations and the Division "Manual for the Installation and Operation of Commingling Facilities." It is the responsibility of the producer to notify the transporter of this commingling authority.

REMARKS: Administrative Order PC-552 is hereby amended to permit commingling of Undesignated Abo production. Previous administrative Order PC-552 place in abeyance Division Order No. R-1545-A, which authorized commingling of Tubb Drinkard and Fusselman production only.

DONE at Santa Fe, New Mexico, on this 11th day of August, 1982.

on Director



Scale: 1" = 1000'

Date: 5-82

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STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT N DIVISION

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

9-4-91

POST OFFICE BOX 1980 HOBBS, NEW MEXICO 88241-1980 (505) 393-6161

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BRUCE KING GOVERNOR

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

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RE: Proposed: MC DHC NSL NSP SWD WFX PMX

Gentlemen:

I have examined the application for the:

<u>B-25 #3-0 25-25-37</u> 11 No. Unit S-T-R Operator lease

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and my recommendations are as follows:

Yours very trul Jerry Sexton

Supervisor, District 1

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