



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE Oct 19, 1988

RE: Proposed MC _____
Proposed DHC x _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated Oct 17, 1988
for the Union Pacific Corp Lease and Well No. #13 C-20-262-4w
Operator Unit, S-I-R

and my recommendations are as follows:

[Signature]

Yours truly,

[Signature]



Union Texas Petroleum

375 U.S. Highway 64
Farmington, New Mexico 88401
Telephone (505) 325-3587

October 11, 1988

Mr. William J. LeMay
N. M. Oil Conservation Division
310 Old Santa Fe Trail
Room 206
Santa Fe, New Mexico 87503

RECEIVED
OIL CONSERVATION
DIVISION

Re: Jicarilla H #13
830' FNL & 1620' FWL
Section 20, T26N-R4W
Rio Arriba County, NM

Dear Mr. LeMay:

Union Texas Petroleum is applying for an administrative downhole commingling order for the referenced well in the Basin Dakota, Wildhorse Gallup, and Blanco Mesaverde fields, as per Order #R-7508. The ownership of the zones to be commingled is common. The offset operator is Southern Union Exploration Company. The Bureau of Land Management and this offset operator will receive notification of this proposed downhole commingling.

Prospective intervals in the Dakota, Gallup, and Mesaverde will be perforated and fractured separately. As with the offset wells, we anticipate that each of these formations would be marginal if produced separately. A dual completion would introduce waste since at least one side would be too weak to produce, or one interval would have to be squeezed, or both.

The following table lists other wells on our Jicarilla H lease that are commingled. These wells have not experienced any detrimental effects due to the commingling.

<u>Well</u>	<u>Location</u>	<u>Formation</u>	<u>Commingled Date and Order</u>
Jicarilla H #7	K 19 26 4	Gal-DK	9/81 R-5861
Jicarilla H #7E	D 19 26 4	MV-Gal-DK	4/84 R-7508
Jicarilla H #12	A 17 26 4	Gal-DK	4/84 R-7509
Jicarilla H #8	K 19 26 4	Gal-DK	8/85 DHC-562
Jicarilla H #8E	G 19 26 4	MV-Gal-DK	5/87 DHC-650
Jicarilla H #12M	I 17 26 4	MV-Gal-DK	3/87 DHC-640
Jicarilla H #11E	K 18 26 4	MV-Gal-DK	3/87 DHC-639

NMOCD

October 11, 1988

Page Two

The reservoir characteristics of each of the subject zones are such that underground waste would not be caused by the proposed downhole commingling. The fluids from each zone are compatible and no precipitates will be formed to cause damage to either reservoir. The daily production will not exceed the limit of Rule 303c, Section 1a, Part 1. Both fluids have an API oil gravity close to 58°. The initial shut-in casing pressure for the Mesaverde, Gallup and Dakota are anticipated to be 900 psi, 950 psi, and 1550 psi, respectively.

To allocate the commingled production to each of the zones, Union Texas Petroleum will consult with the District Supervisor of the Aztec District Office of the Division to determine an allocation formula for each of the productive zones.

Included with this letter is a plat showing ownership of offsetting leases and a letter to the offset operator.

Yours truly,



Robert C. Frank
Permit Coordinator

RCF:lmj
attachments

cc: Frank Chavez - NMOCD



Union Texas Petroleum

375 U.S. Highway 64
Farmington, New Mexico 87401
Telephone (505) 325-3587

October 12, 1988

Southern Union Exploration Co.
324 US Highway 64 NBU 3001
Farmington, NM 87401

Gentlemen:

Union Texas Petroleum is in the process of applying for a downhole commingling order for their Jicarilla H 13 well located 830' FNL and 1620' FWL, Section 20, T26N-R4W, Rio Arriba County, New Mexico, in the Basin Dakota, Wildhorse Gallup and Blanco Mesaverde.

The purpose of this letter is to notify you of such action. If you have no objections to the proposed commingling order, we would appreciate your signing the attached copy of this letter and returning it to this office. If you do object to this proposal, you must notify the New Mexico Oil Conservation Division, Santa Fe, New Mexico, within twenty days of this letter.

Your prompt attention on this matter would be appreciated.

Yours truly,

Robert C. Frank
Permit Coordinator

RCF:lmg

The above downhole commingling request
is hereby approved:

Date: _____