



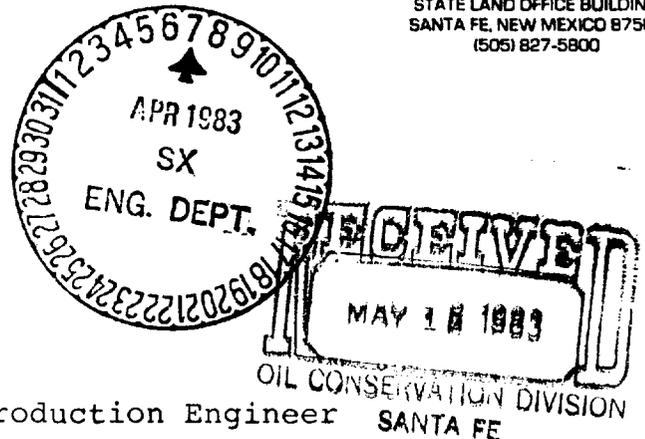
STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

April 4, 1983

TONEY ANAYA
 GOVERNOR

POST OFFICE BOX 2088
 STATE LAND OFFICE BUILDING
 SANTA FE, NEW MEXICO 87501
 (505) 827-5800

Southern Union Exploration Company
 of Texas
 Suite 400
 Texas Federal Building
 1217 Main Street
 Dallas, Texas 75202



Attention: Ron Sentz, Drilling & Production Engineer SANTA FE

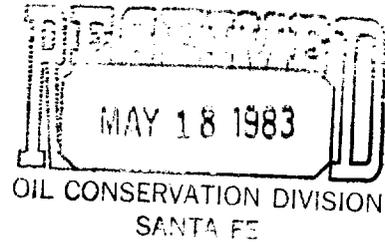
Re: Application for Authorization to
 Inject - SXT Bough "C" Unit #1
 Sec. 35, T-10-S, R-33-E,
 Lea County, New Mexico

Dear Mr. Sentz:

Recently, Mr. Quintana from my staff has been in telephone contact with you concerning information necessary to process your application. Mr. Quintana has explained you have been helpful in conveying the information, but he still requires clarification in several areas. They are as follows:

1. Produced water samples you provided are not clear as to well location, depth of sample (formation), or in one case units of measurements.
 2. The location of the fresh water wells you verbally relayed to us cannot be matched with the fresh water samples you sent us.
 3. Your proposed disposal formation water sample cannot be distinguished from the other samples, if it is present.
- Please give some information on your Southlane Disposal Well No. 35. Include disposal depth, wellbore schematic, and disposal water source.





May 13, 1983

State of New Mexico
Energy & Mineral Department
Oil Conservation Division
P. O. Box 2088
State Land Office Bldg.
Santa Fe, New Mexico 87501

ATTN: Joe D. Ramey

RE: Bough "C" Unit #1,
Lea County, New Mexico

Dear Mr. Ramey:

I am enclosing the following materials for the above referenced well: Water samples marked as to location, depth, formation and units of measure; I have also enclosed maps in an attempt to show locations. I have also enclosed platts showing location of the wells presently disposing water into our SWD-35 disposal well; along with these is a map showing the lay-out of the disposal line. I have also enclosed a schematic of the SWD-35 well.

I am presently working on the materials to request our Susco Bough "C" Unit #2 be approved for conversion to a saltwater disposal well. I will send this data as quickly as I can finish it.

Please feel free to contact me if there are any questions or problems.

Sincerely,

Ronald M. Sentz
Drilling & Production Engineer

RMS:bz

Enclosures

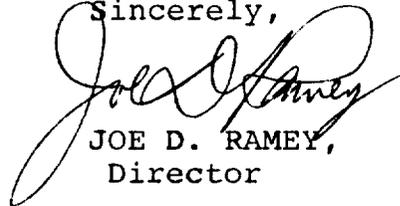
Southern Union Exploration
Company of Texas

-2-

April 4, 1983

We are returning the water samples and the maps you sent us with our comments so they may be remedied. Mr. Quintana's telephone number is 505 827-5807 should you have any questions concerning our needs.

Sincerely,

A handwritten signature in cursive script, appearing to read "Joe D. Ramey". The signature is written in black ink and is positioned above the typed name and title.

JOE D. RAMEY,
Director

JDR/GPQ/dr

cc: Gilbert P. Quintana