



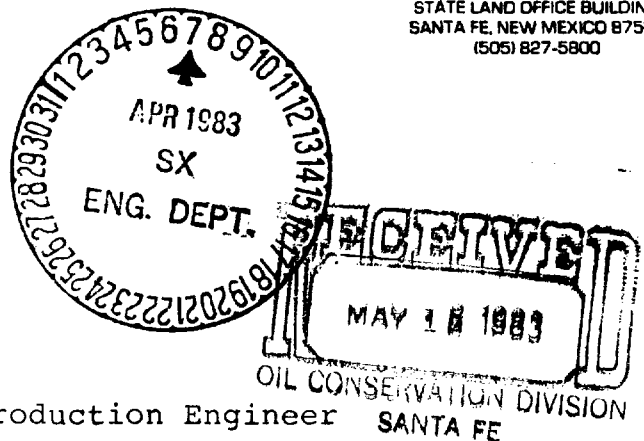
STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
OIL CONSERVATION DIVISION

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

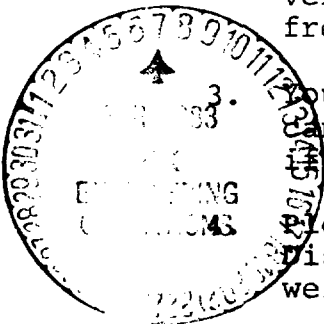
Re: Application for Authorization to  
Inject - SXT Bough "C" Unit #1  
Sec. 35, T-10-S, R-33-E,  
Lea County, New Mexico

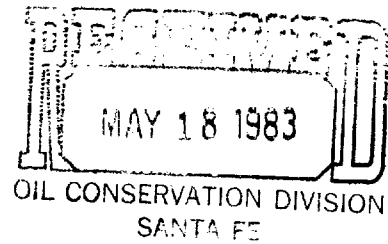
Dear Mr. Sentz:

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 platss 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

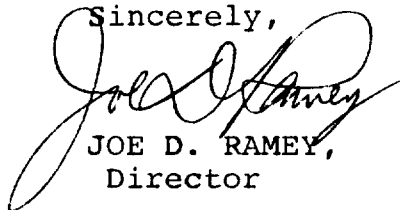
Enclosures

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,  
  
JOE D. RAMEY,  
Director

JDR/GPQ/dr

cc: Gilbert P. Quintana