



Mark K. Mosley  
Division Manager  
Production Department  
Hobbs Division  
North American Production

Conoco Inc.  
P.O. Box 460  
726 E. Michigan  
Hobbs, NM 88240  
(505) 393-4141

January 11, 1982

New Mexico Oil Conservation Division  
Department of Energy and Minerals  
State of New Mexico  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. Michael E. Stogner

Gentlemen:

Application for Permission to Surface Commingle Production from SEMU  
No. 107 - Undesignated Paddock Zone, Section 19, T-20S, R-38E, Lea  
County, New Mexico

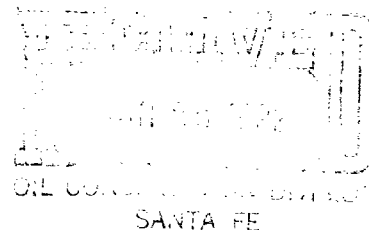
Per your telephone conversation with David G. Smylie on Tuesday,  
January 5, 1982, Conoco Inc. is resubmitting the application to surface  
commingle production from SEMU No. 107.

In addition, a revised battery schematic has been attached for the  
subject application and your records.

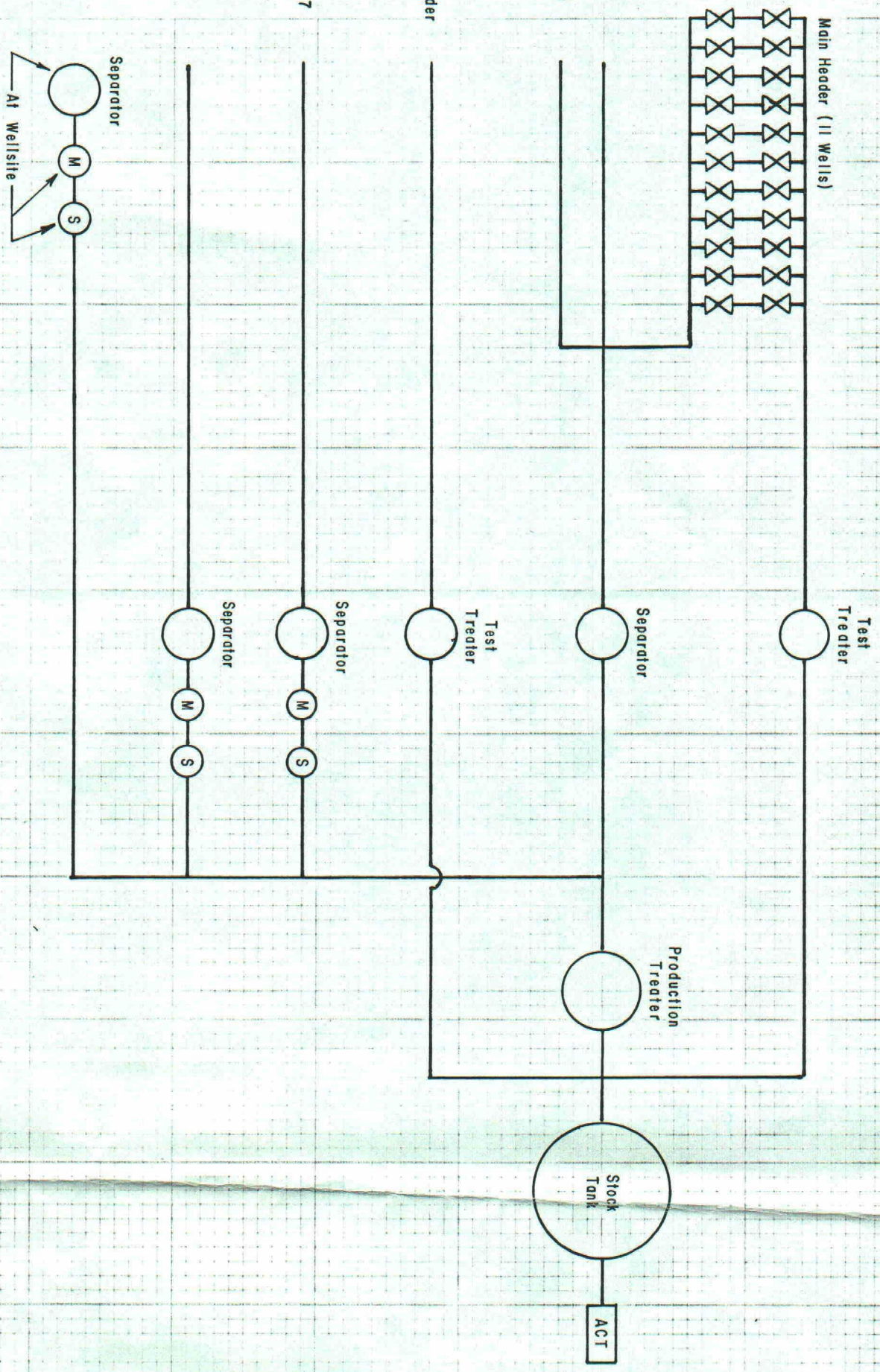
Yours very truly,

DGS:jlj  
Attachment

cc: USGS  
P. O. Box 1157  
Hobbs, NM 88240



K-14-205-36E  
*Und. Paddock*  
 } From SEMU 107  
 O-14-205-38E  
 PHC - AI. / Sr. Dr.  
 } From SEMU 21  
 G-13-T205-R37E  
 Monument Tubb Comp.  
 } SEMU 83



SEMU PERMIAN BATTERY  
 SEMU NO. 107 COMMINGLE





STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR

LARRY KEHOE  
SECRETARY

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

December 30, 1981

Becky Morris  
CONOCO, INC.  
P. O. Box 460  
Hobbs, NM 88240

Dear Ms. Morris:

As per our telephone conversation on Tuesday, December 21, 1981, I am returning to you Conoco's application to surface commingle undesignated Paddock production from S.E.M.U. No. 107, Section 19, Township 20 South, Range 38 East, Lea County, New Mexico.

If you have any questions regarding this matter or if I may be of assistance, please do not hesitate to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Michael E. Stogner".

Michael E. Stogner,  
Petroleum Engineer

MES/dp

Enc.



Mark K. Mosley  
Division Manager  
Production Department  
Hobbs Division  
North American Production

Conoco Inc.  
P.O. Box 460  
726 E. Michigan  
Hobbs, NM 88240  
(505) 393-4141

OIL CONSERVATION DIVISION  
SANTA FE

October 26, 1981

New Mexico Oil Conservation Division  
Department of Energy and Minerals  
State of New Mexico  
P. O. Box 2088  
Santa Fe, New Mexico 87501

NOV 16 1981  
OIL CONSERVATION DIVISION  
SANTA FE

Attention: Mr. Joe D. Ramey

Gentlemen:

Application for Permission to Surface Commingle Production from SEMU No. 107 - Undesignated Paddock Zone, Section 19, T-20S, R-38E, Lea County, New Mexico.

Administrative Order PC-250 dated December 7, 1964 authorized commingling on the Southeast Monument Unit of the Skaggs Grayburg Pool and an Undesignated Tubb completion, SEMU No. 83. The order was amended November 6, 1970 to allow the commingling of an Undesignated Blinebry completion, SEMU No. 21. These pools have since been designated as Monument Tubb and Blinebry Oil and Gas respectively. Furthermore, NMOCD Order No. R-4913 dated November 12, 1974 approved the downhole commingling of the Blinebry Oil and Gas and Skaggs Drinkard Zones in SEMU No. 21.

Conoco Inc. has recently completed its SEMU No. 107 in an Undesignated Paddock Zone and hereby requests administrative approval to commingle production from this well with production already commingled under the authority of amended Order PC-250. Production will be commingled at the SEMU Permian Tank Battery located SE/4 NW/4, Section 19, T-20S, R-38E, Lea County, New Mexico. Authority was given June 29, 1981 to temporarily commingle the Paddock production at the SEMU Permian battery through August 12, 1981.

Mineral rights for all zones are held by the Federal Government. Working interest for all zones is common. Quality of the crude is virtually identical and commingling will not reduce the commercial value.

New Mexico Oil Conservation Division  
Page 2  
October 26, 1981

The SEMU No. 107 - Undesignated Paddock zone is currently producing an average of 10 bbls per day of 35.7° gravity crude valued at \$33.36 per barrel. Average daily production to the SEMU Permian battery is 273 bbls of 38.2° crude valued at \$33.73 per barrel.

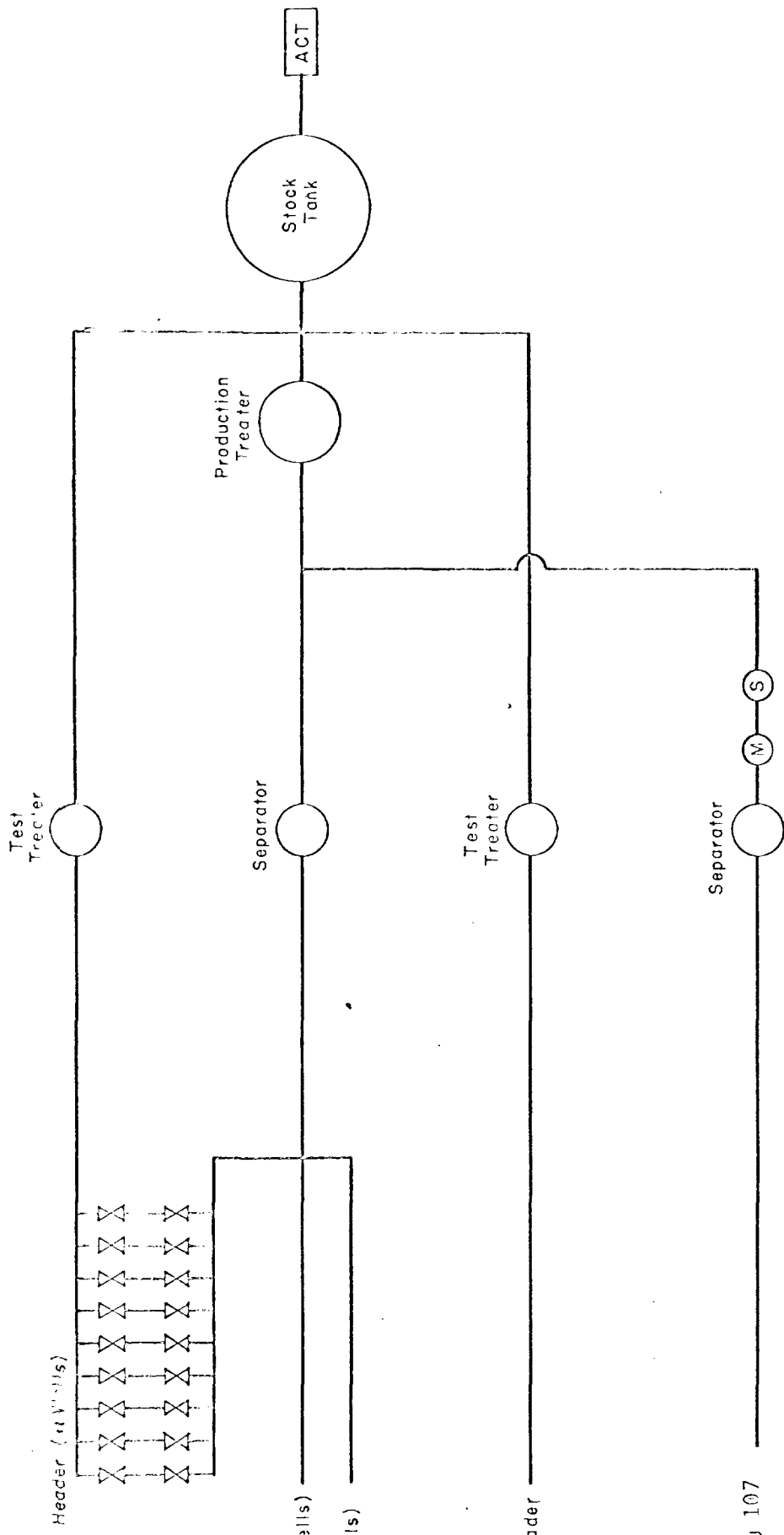
A battery schematic and lease plat indicating well locations and pools from which they produce are attached. We propose to meter the Paddock production. The production from Well Nos. 83 and 21 will continue to be metered and the production from the Skaggs Grayburg pool determined by the subtraction method.

Yours very truly,

A handwritten signature in cursive script, reading "Mark R. Maskey".

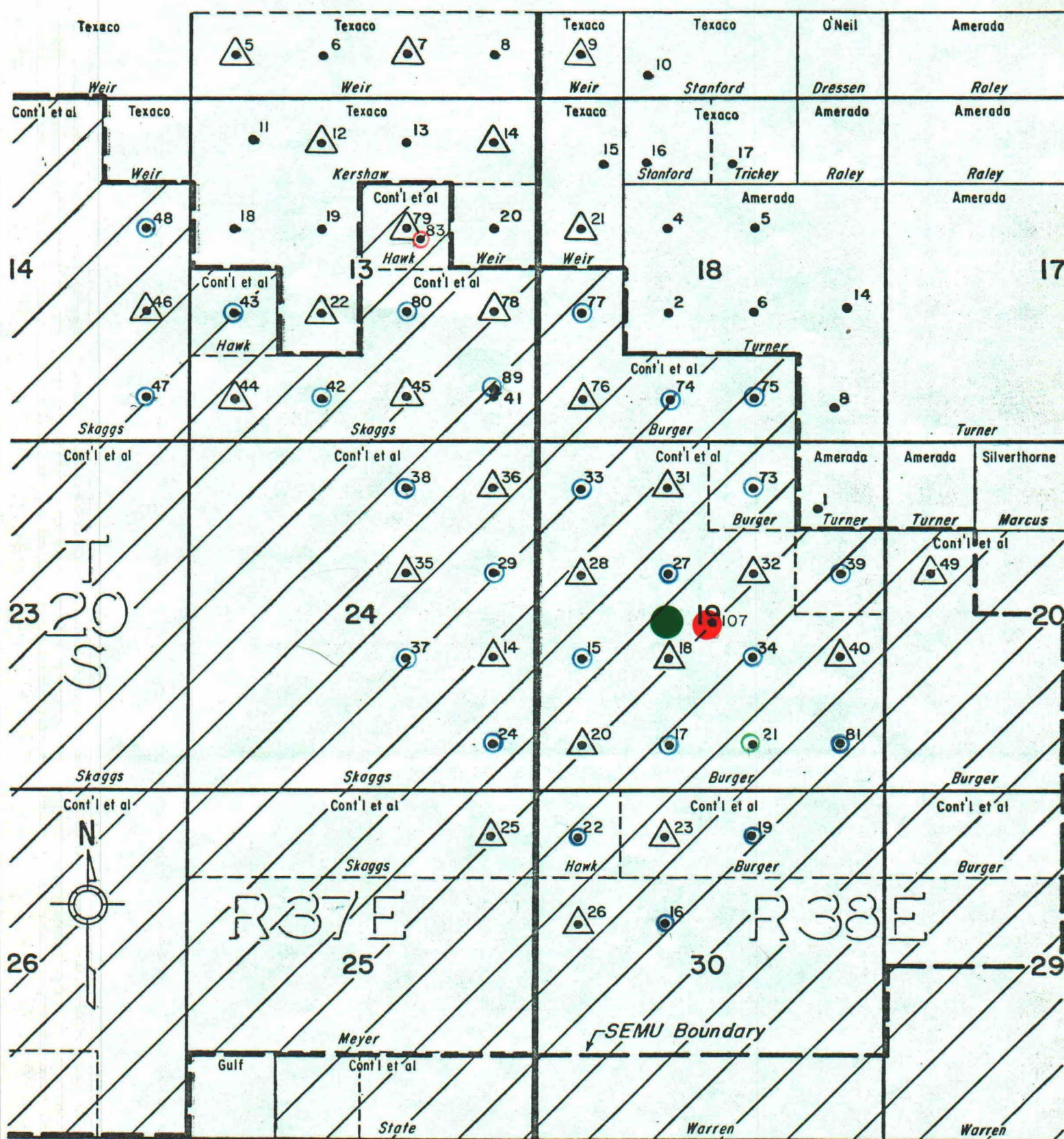
RLM/jlj  
Enclosures

cc: U. S. Geological Survey  
P. O. Box 1157  
Hobbs, New Mexico 88240



SEMU PERMIAN BATTERY  
SEMU NO. 107 COMMINGLE





- SEMU Permian Battery
- Skaggs Grayburg Producer
- △ Skaggs Grayburg Injection Well
- Monument Tubb Completion
- Blinebry/Skaggs Drinkard Completion
- Subject Well (Paddock)

|  |  |   |
|--|--|---|
| PRODUCTION<br>DEPARTMENT   | <b>conoco</b>  | HOBBS<br>DIVISION   |
| <p>SEMU PERMIAN LEASE</p> <p>LEA COUNTY, NEW MEXICO</p> <p>SCALE</p> <p>0' 1000' 2000'</p> |  |   |
| <p>LEGEND:</p> <p>○ LOCATION</p> <p>● OIL WELL</p> <p>* GAS WELL</p>                       | <p>✦ DRY HOLE</p> <p>△ INJECTION WELL</p> <p>* ABANDONED WELL</p> <p>st SHUT-IN WELL</p> | <p>⊕ SALT WATER DISPOSAL WELL</p> <p>• DEEPER WELL</p> <p>□ ZONE UNTESTED</p> |