

IN REPLY REFER TO:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
P. O. Box 6721  
Roswell, New Mexico

January 31, 1958

El Paso Natural Gas Products Company  
P. O. Box 1161  
El Paso, Texas

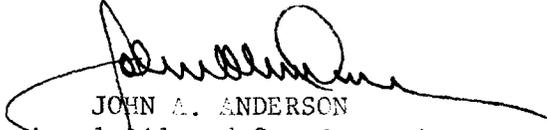
Attention: Mr. Ewell N. Walsh

Gentlemen:

Your letter of January 28, 1958, requests our approval of the use of a common tank battery for the measurement and treatment of crude oil produced from leases Santa Fe C78391-B and C78391-C, San Juan County, New Mexico.

This office offers no objections to the method you propose in your letter; provided, approval is also granted by the New Mexico Oil Conservation Commission.

Very truly yours,

  
JOHN A. ANDERSON  
Regional Oil and Gas Supervisor





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**EL PASO NATURAL GAS PRODUCTS COMPANY**

POST OFFICE BOX 1161, EL PASO, TEXAS

February 10, 1958

ADDRESS REPLY TO:  
POST OFFICE BOX 1565  
FARMINGTON, NEW MEXICO

Mr. Burns H. Errebo  
Sunray Mid-Continent Oil Co.  
P. O. Box 2039  
Tulsa, Oklahoma

Dear Mr. Errebo:

This is to notify you of our intention to produce into a common tank battery our Hanson Lease (SF-078391-B) and Hanson "B" Lease (SF-078391-C) located in Sections 24, 25, and 36, Township 27-N, Range 13-W, NMPM, San Juan County, New Mexico. We propose to do this in the following manner:

- 1) The production from the individual leases will come into the tank battery through individual production manifolds.
- 2) The production from the Hanson Lease will flow through a separator and then into a storage tank where the production can be gauged.
- 3) The production of the Hanson "B" Lease will flow through a treater and then into a separate storage tank where the production may be gauged.
- 4) A third storage tank will be used to produce into in the event the tank for the Hanson or Hanson "B" Lease becomes full, but in no event will both leases be produced into the same tank at the same time.

In order to conform with the New Mexico Oil and Gas Commission ruling that production on the individual leases be reported, each well will be tested at least once a month, and a portion of the total production from each lease will be allocated to each well on the basis of the test. We will also conform with the ruling that no more than eight wells may be produced into a common tank battery.

According to the New Mexico Oil and Gas Conservation Commission rules, the approval of the offset lease owners must be obtained in order to produce these leases in the above described manner.

COPY

Mr. Burns H. Errebo

February 10, 1958

Page two

Since you own the lease in the E/2 of Sections 26 and 35, we request your approval of this installation. We have requested and received approval of the installation from the U. S. Geological Survey.

Your approval of this request will enable us to eliminate the cost of an additional tank battery since there now exists a tank battery on the Hanson Lease. We can utilize the existing tank battery with a small amount of modification. Attached you will find a schematic diagram of our proposed tank battery installation and a plat showing the position of your leases in respect to our Hanson and Hanson "B" Leases.

If you approve of this installation please sign two of the three copies of this letter and return them to this office. The third copy will be for your files. Thank you very much for your cooperation.

Very truly yours,

~~Original Signed~~ EWELL N. WALSH

ENW:EW  
Enc: -2

Ewell N. Walsh  
Division Petroleum Engineer

SUNRAY MID-CONTINENT OIL COMPANY

Approved:

  
\_\_\_\_\_  
J. W. Sutherland

Date:

2-13-58



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**EL PASO NATURAL GAS PRODUCTS COMPANY**

POST OFFICE BOX 1161, EL PASO, TEXAS

February 10, 1958

ADDRESS REPLY TO  
POST OFFICE BOX 1565  
FARMINGTON, NEW MEXICO

Oklahoma Oil Company  
4457 Gunnison Avenue  
Chicago 30, Illinois

Gentlemen:

This is to notify you of our intention to produce into a common tank battery our Hanson Lease (SF-078391-B) and Hanson "B" Lease (SF-078391-C) located in Sections 24, 25, and 36, Township 27-N, Range 13-W, NMPM, San Juan County, New Mexico. We propose to do this in the following manner:

- 1) The production from the individual leases will come into the tank battery through individual production manifolds.
- 2) The production from the Hanson Lease will flow through a separator and then into a storage tank where the production can be gauged.
- 3) The production of the Hanson "B" Lease will flow through a treater and then into a separate storage tank where the production may be gauged.
- 4) A third storage tank will be used to produce into in the event the tank for the Hanson or Hanson "B" Lease becomes full, but in no event will both leases be produced into the same tank at the same time.

In order to conform with the New Mexico Oil and Gas Commission ruling that production on the individual leases be reported, each well will be tested at least once a month, and a portion of the total production from each lease will be allocated to each well on the basis of the test. We will also conform with the ruling that no more than eight wells may be produced into a common tank battery.

According to the New Mexico Oil and Gas Conservation Commission rules, the approval of the offset lease owners must be obtained in order to produce these leases in the above described manner.

COPY

Since you own a one-half interest in the lease in the N/2 of Section 1, Township 26-N, Range 13-W, we request your approval of this installation. We have requested and received approval of the installation from the U. S. Geological Survey.

Your approval of this request will enable us to eliminate the cost of an additional tank battery since there now exists a tank battery on the Hanson Lease. We can utilize the existing tank battery with a small amount of modification. Attached you will find a schematic diagram of our proposed tank battery installation and a plat showing the position of your leases in respect to our Hanson and Hanson "B" Leases.

If you approve of this installation please sign two of the three copies of this letter and return them to this office. The third copy will be for your files. Thank you very much for your cooperation.

Very truly yours,

Original Signed EWELL N. WALSH

BNW:EW  
Enc: - 2

Ewell N. Walsh  
Division Petroleum Engineer

THE OKLAHOMA OIL COMPANY

Approved: \_\_\_\_\_

*W. J. Simmons*

Date: 3/7/58



**EL PASO NATURAL GAS PRODUCTS COMPANY**

POST OFFICE BOX 1161, EL PASO, TEXAS

February 10, 1958

ADDRESS REPLY TO:  
POST OFFICE BOX 1565  
FARMINGTON, NEW MEXICO

Mr. Olen F. Featherstone  
Hinkle Building  
Roswell, New Mexico

Dear Mr. Featherstone:

This is to notify you of our intention to produce into a common tank battery our Hanson Lease (SF-078391-B) and Hanson "B" Lease (SF-078391-C) located in Sections 24, 25, and 36, Township 27-N, Range 13-W, NMPM, San Juan County, New Mexico. We propose to do this in the following manner:

- 1) The production from the individual leases will come into the tank battery through individual production manifolds.
- 2) The production from the Hanson Lease will flow through a separator and then into a storage tank where the production can be gauged.
- 3) The production of the Hanson "B" Lease will flow through a treater and then into a separate storage tank where the production may be gauged.
- 4) A third storage tank will be used to produce into in the event the tank for the Hanson or Hanson "B" Lease becomes full, but in no event will both leases be produced into the same tank at the same time.

In order to conform with the New Mexico Oil and Gas Commission ruling that production on the individual leases be reported each well will be tested at least once a month and a portion of the total production from each lease will be allocated to each well on the basis of the test. We will also conform with the ruling that no more than eight wells may be produced into a common tank battery.

According to the New Mexico Oil and Gas Conservation Commission rules, the approval of the offset lease owners must be obtained in order to produce these leases in the above described manner.

COPY

Since you own the lease in the E/2 of Sections 24, 25, and 36, we request your approval of this installation. We have requested and received approval of the installation from the U. S. Geological Survey.

Your approval of this request will enable us to eliminate the cost of an additional tank battery since there now exists a tank battery on the Hanson Lease. We can utilize the existing tank battery with a small amount of modification. Attached you will find a schematic diagram of our proposed tank battery installation and a plat showing the position of your leases in respect to our Hanson and Hanson "B" Leases.

If you approve of this installation please sign two of the three copies of this letter and return them to this office. The third copy will be for your files. Thank you very much for your cooperation.

Very truly yours,

Original Signed EWELL N. WALSH

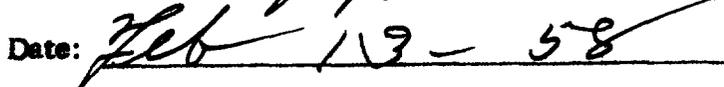
ENW:EW  
Enc. - 2

Ewell N. Walsh  
Division Petroleum Engineer

Approved:



Date:



February 10, 1958

Mr. E. B. Granville  
Frontier Refining Company  
410 Boston Building  
Denver, Colorado

Dear Mr. Granville:

This is to notify you of our intention to produce into a common tank battery our Hanson Lease (SF-078391-B) and Hanson "B" Lease (SF-078391-C) located in Sections 24, 25, and 36, Township 27-N, Range 13-W, NMPM, San Juan County, New Mexico. We propose to do this in the following manner:

- 1) The production from the individual leases will come into the tank battery through individual production manifolds.
- 2) The production from the Hanson Lease will flow through a separator and then into a storage tank where the production can be gauged.
- 3) The production of the Hanson "B" Lease will flow through a treater and then into a separate storage tank where the production may be gauged.
- 4) A third storage tank will be used to produce into in the event the tank for the Hanson or Hanson "B" Lease becomes full, but in no event will both leases be produced into the same tank at the same time.

In order to conform with the New Mexico Oil and Gas Commission ruling that production on the individual leases be reported, each well will be tested at least once a month, and a portion of the total production from each lease will be allocated to each well on the basis of the test. We will also conform with the ruling that no more than eight wells may be produced into a common tank battery.

According to the New Mexico Oil and Gas Conservation Commission rules, the approval of the offset lease owners must be obtained in order to produce these leases in the above described manner.

Mr. E. B. Granville

February 10, 1958

Page two.

Since you own a one-half interest in the lease in the N/2 of Section 1, Township 26-N, Range 13-W, we request your approval of this installation. We have requested and received approval of the installation from the U. S. Geological Survey.

Your approval of this request will enable us to eliminate the cost of an additional tank battery since there now exists a tank battery on the Hanson Lease. We can utilize the existing tank battery with a small amount of modification. Attached you will find a schematic diagram of our proposed tank battery installation and a plat showing the position of your leases in respect to our Hanson and Hanson "B" Leases.

If you approve of this installation please sign two of the three copies of this letter and return them to this office. The third copy will be for your files. Thank you very much for your cooperation.

Very truly yours,

Original Signed EWELL N. WALSH

ENW:EW  
Enc: - 2

Ewell N. Walsh  
Division Petroleum Engineer

Approved:

*The Frontier Refining Co.*  
*E. B. Granville*

Date:

*February 14, 1958*



**EL PASO NATURAL GAS PRODUCTS COMPANY**

POST OFFICE BOX 1161, EL PASO, TEXAS

March 11, 1958

ADDRESS REPLY TO:  
POST OFFICE BOX 1565  
FARMINGTON, NEW MEXICO

**Mr. Ernest A. Hanson  
Roswell Petroleum Building  
Roswell, New Mexico**

**Dear Mr. Hanson:**

**This is to notify you of our intention to produce into a common tank battery our Hanson Lease (SF-078391-B) and Hanson "B" Lease (SF-078391-C) located in Sections 24, 25, and 36, Township 27-N, Range 13-W, NMPM, San Juan County, New Mexico. We propose to do this in the following manner:**

**1) The production from the individual leases will come into the tank battery through individual production manifolds.**

**2) The production from the Hanson Lease will flow through a separator and then into a storage tank where the production can be gauged.**

**3) The production of the Hanson "B" Lease will flow through a treator and then into a separate storage tank where the production may be gauged.**

**4) A third storage tank will be used to produce into in the event the tank for the Hanson or Hanson "B" Lease becomes full, but in no event will both leases be produced into the same tank at the same time.**

**In order to conform with the New Mexico Oil and Gas Commission ruling that production on the individual leases be reported, each well will be tested at least once a month, and a portion of the total production from each lease will be allocated to each well on the basis of the test. We will also conform with the ruling that no more than eight wells may be produced into a common tank battery.**

**According to the New Mexico Oil and Gas Conservation Commission rules, the approval of the offset lease owners must be obtained in order to produce these leases in the above described manner.**

**Since the SW/4 of Section 24, Township 27-N, Range 13-W, has been deleted from the contract concerning the Hanson and Hanson "B" Lease we request your approval of this installation. We have requested and received approval of the installation from the U. S. Geological Survey.**

**C O P Y**

Your approval of this request will enable us to eliminate the cost of an additional tank battery since there now exists a tank battery on the Hanson Lease. We can utilize the existing tank battery with a small amount of modification. Attached you will find a schematic diagram of our proposed tank battery installation and a plat showing the position of your leases in respect to our Hanson and Hanson "B" Leases.

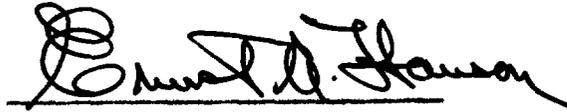
If you approve of this installation please sign two of the three copies of this letter and return them to this office. The third copy will be for your files. Thank you very much for your cooperation.

Very truly yours,

ENW:EW  
Enc: -2

Ewell N. Walsh  
Division Petroleum Engineer

Approved:



Date:

March 29, 1958

**EL PASO NATURAL GAS PRODUCTS COMPANY**

POST OFFICE BOX 1161, EL PASO, TEXAS

April 7, 1958

Mr. A. L. Porter, Sec. & Dir.  
New Mexico Oil Conservation Commission  
Post Office Box 871  
Santa Fe, New Mexico

ADDRESS REPLY TO:  
POST OFFICE BOX 1565  
FARMINGTON, NEW MEXICO

Dear Mr. Porter:

This is an application to request your approval to produce into a common tank battery our Hanson Lease (SF-078391-B) and Hanson "B" Lease (SF-078391-C) located in Sections 25 and 36, Township 27-N, Range 11-W, N.M.P.M., San Juan County, New Mexico. We propose to do this in the following manner:

- 1) The production from the individual leases will come into the tank battery through individual production manifolds.
- 2) The production from the Hanson Lease will flow through a separator and then into a storage tank where the production can be gauged.
- 3) The production of the Hanson "B" Lease will flow through a treater and then into a separate storage tank where the production may be gauged.
- 4) A third storage tank will be used to produce into in the event the tank for the Hanson or Hanson "B" Lease becomes full, but in no event will both leases be produced into the same tank at the same time.
- 5) Additional tanks will be installed if necessary in order to have proper storage for both leases.
- 6) Wells on each lease will be tested at least once a month by gauging production into a test tank or by portable Rolo Well Checker. The well checker consists of a separator, calibrated metering chamber and a meter run for gas measurement.
- 7) We will conform with the present ruling that no more than eight wells may be produced into a common tank battery.

According to the New Mexico Oil and Gas Conservation Commission rules the approval of the offset lease owners must be obtained in order to produce these leases in the above described manner. Attached you will find approval to produce these leases into a common tank battery from Sunray Mid-Continent Oil Company, Frontier Refining Company, Oklahoma Oil Company, Mr. Olen F. Featherstone, Mr. Ernest A. Hanson and also approval from the United States Geological Survey.

✓ The lease ownership of the Hanson and Hanson "B" Lease is identical.

Your approval of this request will enable us to eliminate the cost of an additional tank battery since there now exists a tank battery on the Hanson Lease. We can utilize the existing tank battery with a small amount of modification.

Attached you will find a schematic diagram of our proposed tank battery installation and a plat showing the position of the leases of the offset owners in respect to our Hanson and Hanson "B" Leases.

You might note on the approvals received from the offset lease owners that the SW/4 of Section 24 was included in the Hanson "B" Lease. After the approval was received from the lease owners the SW/4 of Section 24 was deleted from the contract with Mr. Hanson.

Very truly yours,

  
Ewell N. Walsh  
Division Petroleum Engineer

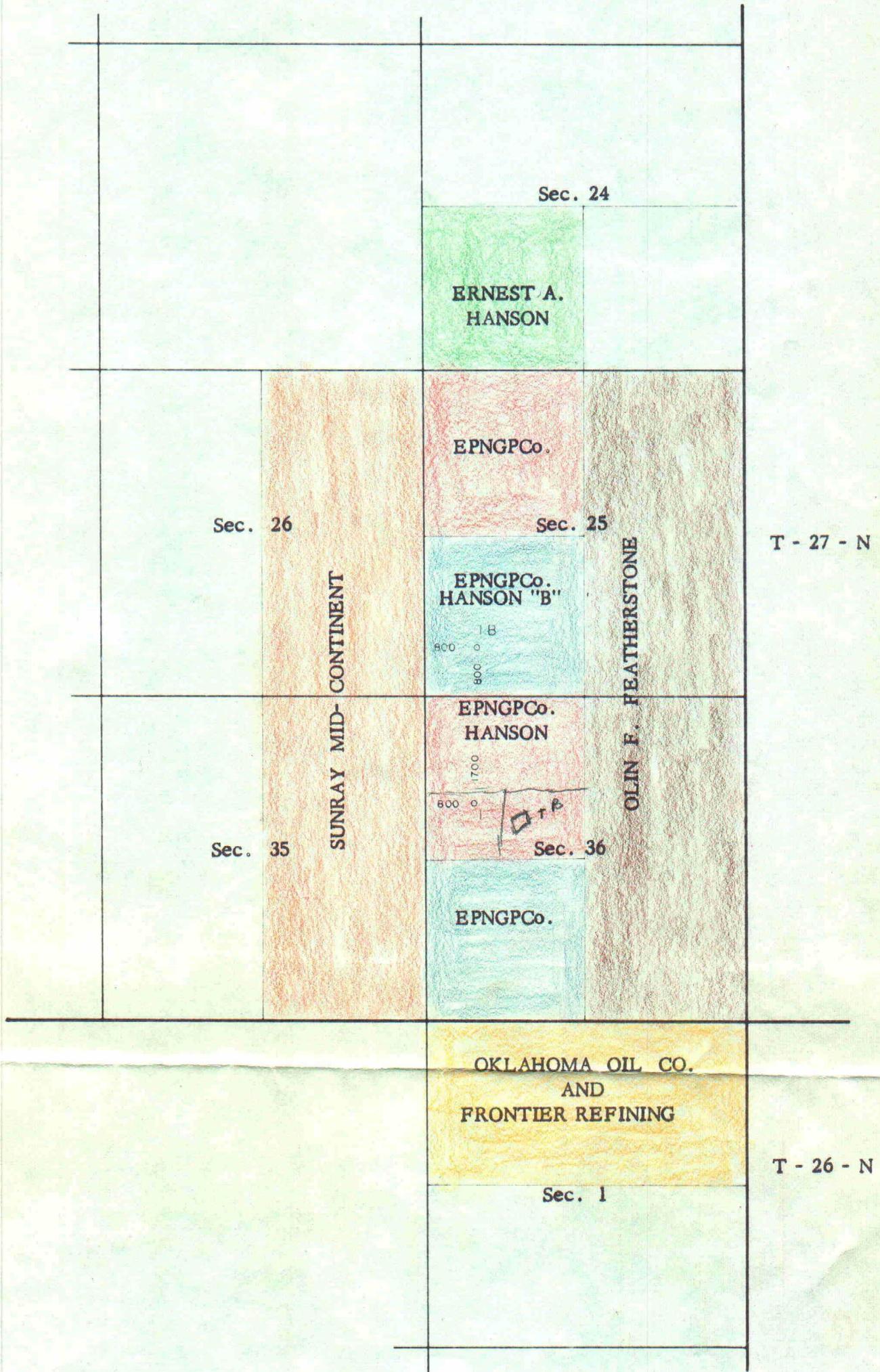
ENW:EW

Enc: Lease Plat  
Schematic Diagram  
Lease Owner Approvals

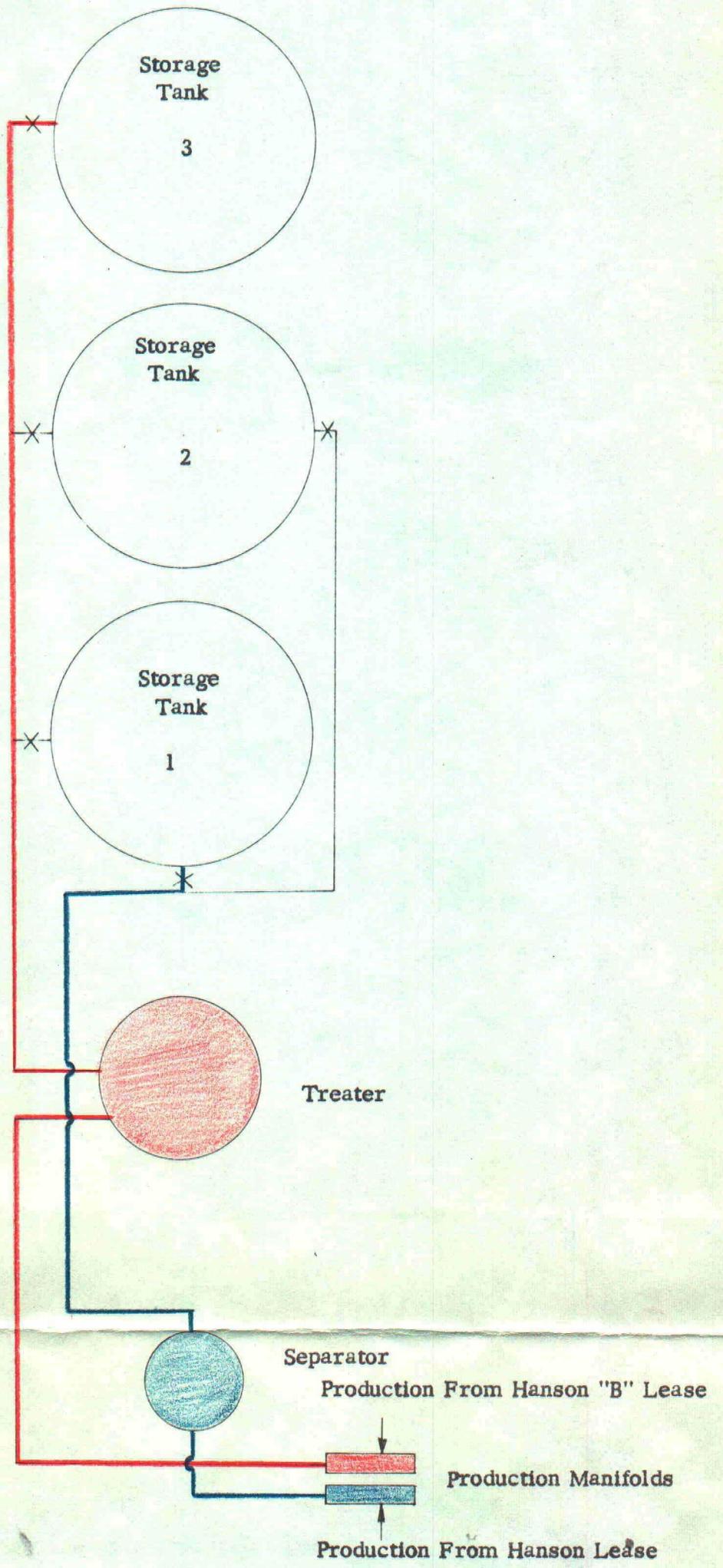
cc: Mr. Emery Arnold  
Mr. Phil McGrath  
J. C. Vandiver  
Sunray Mid-Continent Oil Co.  
Oklahoma Oil Company  
Mr. Ernest A. Hanson  
Mr. E. B. Granville - Frontier Refining Co.  
Mr. Olen F. Featherstone

PLAT SHOWING OFFSET LEASES TO  
 EL PASO NATURAL GAS PRODUCTS COMPANY  
 HANSON AND HANSON "B" LEASES  
 SECTIONS 25 AND 36, T-27-N, R-13-W  
 SAN JUAN COUNTY, NEW MEXICO

R - 13 - W



SCHEMATIC DIAGRAM OF TANK BATTERY  
for  
HANSON LEASE AND HANSON "B" LEASE



— Flow of Production From Hanson Lease  
— Flow of Production From Hanson "B" Lease

copy



**EL PASO NATURAL GAS PRODUCTS COMPANY**

POST OFFICE BOX 1161, EL PASO, TEXAS

April 10, 1958

Mr. A. L. Porter, Sec. & Dir.  
New Mexico Oil Conservation Commission  
Post Office Box 871  
Santa Fe, New Mexico

ADDRESS REPLY TO:  
POST OFFICE BOX 1565  
FARMINGTON, NEW MEXICO

Dear Mr. Porter:

The below is information requested by Mr. W. J. Cooley, Attorney for the New Mexico Oil Conservation Commission, concerning our request for your approval to produce into a common tank battery our Hanson Lease and Hanson "B" Lease, located in Sections 25 and 36, Township 27-N, Range 13-W, N.M.P.M., San Juan County, New Mexico.

- 1) The Hanson Lease consists of the NW/4 of Section 25 and the NW/4 of Section 36, Township 27-N, Range 13-W.
- 2) The Hanson "B" Lease consists of the SW/4 of Section 25 and the SW/4 of Section 36, Township 27-N, Range 13-W.
- 3) The location of the existing Hanson Tank Battery is 2740 feet from the south line and 1400 feet from the west line, Section 36, Township 27-N, Range 13-W.
- 4) All wells on the two leases are producing from an undesignated Gallup Oil Pool.
- 5) Any future wells to be produced into the tank battery will be producing from the undesignated Gallup Oil Pool.

Please note that on our application of April 7, 1958 the Range 11-W as stated in the letter should be Range 13-W.

In view of Case 1421 which appears on the Docket for Regular Hearing on April 16, 1958, please take no action on this application until further notice.

Very truly yours,

Ewell N. Walsh  
Division Petroleum Engineer

ENW:EW  
cc: Mr. Emery Arnold  
Mr. Phil McGrath  
Mr. J. C. Vandiver  
Sunray Mid-Continent Oil Co.  
Oklahoma Oil Company  
Mr. Ernest A. Hanson  
Frontier Refining Company  
Mr. Olen F. Featherstone

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