

Handwritten initials and date: F 1/23

FOSTER MORRELL
PETROLEUM CONSULTANT
NICKSON-HOTEL-BUILDINGS
ROSWELL, NEW MEXICO

February 27, 1963

The Director
United States Geological Survey
Department of the Interior
Washington 25, D. C.

Through: Regional Oil & Gas Supervisor
Roswell, New Mexico

Re: Area, initial test well and form of
unit agreement, Runyan Ranch Unit,
Eddy County, New Mexico

Dear Sir:

Pursuant to the unit plan regulations of December 22, 1950, 30 C.F.R. 226.3 and 226.4, Tom Brown Drilling Co., Inc., of Midland, Texas, herewith submits in triplicate application for designation of certain lands in T. 19 S., R. 21 E., N.M.P.M., Eddy County, New Mexico, as an area logically subject to development and operation under a unit agreement to be known as the Runyan Ranch Unit.

The Runyan Ranch Unit Area as proposed embraces a total of 10,890.12 acres of which 9,607.20 acres or 88.22% are Federal lands and 1,282.92 acres or 11.78% are State of New Mexico lands as shown on Exhibit "A" submitted herewith.

Attached to and made a part of this application is a geological report dated February 12, 1963, by James R. Day, Consulting Geologist for Tom Brown Drilling Co., Inc., in support and justification of the unit area. With the geological report is a structural map based on Devonian seismograph reflections with contours representing the structural configuration at the base of the Pennsylvanian formation approximately conformable with the top of the Devonian, and outline of the proposed Runyan Ranch Unit Area. This report furnishes the geologic basis for delineation of the proposed unit area, the stratigraphic sequence with estimated depths and possible productive formations.

Tom Brown Drilling Co., Inc., as designated Unit Operator, proposes to use the standard form of unit agreement 1961 reprint with the following changes:

- (1) Section 6 (b) to read in part "the selection shall have been filed with the Supervisor.", rather than "approved by the Director".

February 27, 1963

- (2) Replace the "Fair Employment" section with the new "Nondiscrimination" language.
- (3) Add applicable State land provisions.

The following Federal oil and gas leases are wholly or partly within the unit area:

NM 06301	NM 06309
NM 06301-A	NM 06309-A
NM 06302	NM 024453
NM 06302-A	NM 024989
NM 06307	NM 025318
NM 06307-A	

It is proposed that the initial test well shall be drilled to test the Pennsylvanian formation or to a depth of not in excess of 8,100 feet.

It is respectfully requested that you designate the unit area, and approve the form of unit agreement and initial drilling program as proposed herein.

Very truly yours,

Tom Brown Drilling Co., Inc.

By Foster Morrell
Foster Morrell, Its Representative

Enclosures

cc: Tom Brown Drilling Co., Inc.
P. O. Box 5131
Midland, Texas

FOSTER MORRELL
PETROLEUM CONSULTANT
~~NICKSON-HOTEL-BUILDING~~
ROSWELL, NEW MEXICO

February 27, 1963

The Director
United States Geological Survey
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Through: Regional Oil & Gas Supervisor
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Attached to and made a part of this application is a geological report dated February 12, 1963, by James R. Day, Consulting Geologist for Tom Brown Drilling Co., Inc., in support and justification of the unit area. With the geological report is a structural map based on Devonian seismograph reflections with contours representing the structural configuration at the base of the Pennsylvanian formation approximately conformable with the top of the Devonian, and outline of the proposed Runyan Ranch Unit Area. This report furnishes the geologic basis for delineation of the proposed unit area, the stratigraphic sequence with estimated depths and possible productive formations.

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Very truly yours,

Tom Brown Drilling Co., Inc.

By Foster Morrell
Foster Morrell, Its Representative

Enclosures

cc: Tom Brown Drilling Co., Inc.
P. O. Box 5131
Midland, Texas



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

MAR 26 1963

Mr. Foster Morrell
P. O. Box 1933
Roswell, New Mexico

RECEIVED MAR 30 1963

Dear Mr. Morrell:

Your application of February 27 filed with the Oil and Gas Supervisor, Roswell, New Mexico, in behalf of Tom Brown Drilling Company, Inc., requests the designation of 10,890.12 acres, more or less, in Eddy County, New Mexico, as logically subject to exploration and development under the unitization provisions of the Mineral Leasing Act, as amended.

Pursuant to unit plan regulations of December 22, 1950, 30 CFR 226.3 (1961 reprint), the land requested as outlined on your map marked "Exhibit A, Runyan Ranch unit, Eddy County, New Mexico," is hereby designated as a logical unit area. Any unit agreement submitted for the area designated should require the drilling of a well to test formations of Pennsylvanian Age, or to a depth of 8,100 feet. The 1961 reprint of the standard form of unit agreement should be used with the addition of the customary language required by the State of New Mexico and the following modifications proposed by your letter:

1. Change item 6(b), line 5, page 7 of the 1961 reprint to read:

"(b) the selection shall have been filed with the Supervisor. If no successor unit operator is selected and qualified as herein provided, the Director at his election may declare this unit agreement terminated."

2. The "Fair Employment" section of the 1961 reprint should be replaced with the following:

"Nondiscrimination: In connection with the performance of work under this agreement, the operator agrees to comply with all of the provisions of section 301 (1) to (7) inclusive, of Executive Order 10925 (26 F. R. 1977), which are hereby incorporated by reference in this agreement."

In the absence of any type of land requiring special provisions or any objections not now apparent, a duly executed agreement identical to the 1961 reprint, modified only as outlined above, will be approved if submitted in approvable status within a reasonable amount of time. However, the right is reserved to deny approval of any executed agreement which, in our opinion, does not have full commitment of sufficient lands to afford effective control of unit operations.

Include the latest status of all acreage when the executed agreement is transmitted to the Supervisor for approval. The format of the sample exhibits attached to the 1961 reprint of the standard form should be followed closely in preparation of Exhibits A and B. It appears that the tract number indicated by your Exhibit A for the W $\frac{1}{2}$ sec. 9, T. 19 S., R. 21 E., N.M.P.M., lease New Mexico 024989, should be corrected from tract number 9 to tract number 10 in order to avoid one tract covering two leases.

Inasmuch as this unit area contains State of New Mexico lands, we are sending a copy of this letter to the Commissioner of Public Lands at Santa Fe, and you are requested to contact said Commissioner in connection with this letter prior to soliciting joinders.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Arthur St. Baker".

Acting Director



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

MAR 26 1963

Mr. Foster Morrell
P. O. Box 1933
Roswell, New Mexico

RECEIVED MAR 30 1963

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Pursuant to unit plan regulations of December 22, 1950, 30 CFR 226.3 (1961 reprint), the land requested as outlined on your map marked "Exhibit A, Runyan Ranch unit, Eddy County, New Mexico," is hereby designated as a logical unit area. Any unit agreement submitted for the area designated should require the drilling of a well to test formations of Pennsylvanian Age, or to a depth of 8,100 feet. The 1961 reprint of the standard form of unit agreement should be used with the addition of the customary language required by the State of New Mexico and the following modifications proposed by your letter:

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Inasmuch as this unit area contains State of New Mexico lands, we are sending a copy of this letter to the Commissioner of Public Lands at Santa Fe, and you are requested to contact said Commissioner in connection with this letter prior to soliciting joinders.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Arthur S. Baker".

Acting Director

7

May 10, 1963

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Attention: Mrs. Marion Rhea

Re: Runyon Ranch Unit
Eddy County, New Mexico

Dear Sir:

Reference is made to letter dated March 26, 1963, from the Acting Director of the United States Geological Survey in response to application of February 27, 1963, in behalf of Tom Brown Drilling Co., Inc., regarding the subject unit, copy of which was sent directly to your office.

By said letter the Acting Director designated as a logical unit area certain lands embracing 10,890.12 acres more or less in Eddy County, New Mexico, and approved the use of the standard form of unit agreement with specified modifications and the addition of the customary language required by the State of New Mexico. The Acting Director further requested that we contact the Commissioner of Public Lands prior to soliciting joinders.

Accordingly, there are forwarded herewith for your consideration two (2) copies of the proposed unit agreement for the Runyon Ranch Unit Area incorporating the customary language covering references to the Commissioner of Public Lands and the Oil Conservation Commission of the State of New Mexico.

Kindly advise if this unit agreement is satisfactory with your office.

Very truly yours,

TOM BROWN DRILLING CO., INC.

By _____
Foster Morrell, Its Representative

FM/rpd

Enclosures

cc: Mr. Thomas C. Brown
cc: Mr. Charles Southard
bcc: Mr. D. J. Sorenson



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

MAR 26 1963

Mr. Foster Morrell
P. O. Box 1933
Roswell, New Mexico

RECEIVED MAR 30 1963

Dear Mr. Morrell:

Your application of February 27 filed with the Oil and Gas Supervisor, Roswell, New Mexico, in behalf of Tom Brown Drilling Company, Inc., requests the designation of 10,890.12 acres, more or less, in Eddy County, New Mexico, as logically subject to exploration and development under the unitization provisions of the Mineral Leasing Act, as amended.

Pursuant to unit plan regulations of December 22, 1950, 30 CFR 226.3 (1961 reprint), the land requested as outlined on your map marked "Exhibit A, Runyan Ranch unit, Eddy County, New Mexico," is hereby designated as a logical unit area. Any unit agreement submitted for the area designated should require the drilling of a well to test formations of Pennsylvanian Age, or to a depth of 8,100 feet. The 1961 reprint of the standard form of unit agreement should be used with the addition of the customary language required by the State of New Mexico and the following modifications proposed by your letter:

1. Change item 6(b), line 5, page 7 of the 1961 reprint to read:

"(b) the selection shall have been filed with the Supervisor. If no successor unit operator is selected and qualified as herein provided, the Director at his election may declare this unit agreement terminated."

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Include the latest status of all acreage when the executed agreement is transmitted to the Supervisor for approval. The format of the sample exhibits attached to the 1961 reprint of the standard form should be followed closely in preparation of Exhibits A and B. It appears that the tract number indicated by your Exhibit A for the W $\frac{1}{2}$ sec. 9, T. 19 S., R. 21 E., N.M.P.M., lease New Mexico 024989, should be corrected from tract number 9 to tract number 10 in order to avoid one tract covering two leases.

Inasmuch as this unit area contains State of New Mexico lands, we are sending a copy of this letter to the Commissioner of Public Lands at Santa Fe, and you are requested to contact said Commissioner in connection with this letter prior to soliciting joinders.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Arthur A. Baker".

Acting Director

May 10, 1963

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Attention: Mrs. Marion Rhee

Re: Runyon Ranch Unit
Eddy County, New Mexico

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Accordingly, there are forwarded herewith for your consideration two (2) copies of the proposed unit agreement for the Runyon Ranch Unit Area incorporating the customary language covering references to the Commissioner of Public Lands and the Oil Conservation Commission of the State of New Mexico.

Kindly advise if this unit agreement is satisfactory with your office.

Very truly yours,

TOM BROWN DRILLING CO., INC.

COPY (Original Signed) Foster Morrell

By _____
Foster Morrell, Its Representative

ILLEGIBLE

FM/rpd

Enclosures

cc: Mr. Thomas C. Brown
cc: Mr. Charles Southard
bcc: Mr. D. J. Sorenson

FOSTER MORRELL
PETROLEUM CONSULTANT
NICKSON HOTEL BUILDING
ROSWELL, NEW MEXICO
May 23, 1963

Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Attention: Mrs. Marion Rhea

Re: Runyan Ranch Unit
Eddy County, New Mexico

Dear Sir:

Reference is made to our letter to you dated May 10, 1963, and the proposed form of unit agreement for the subject unit submitted therewith.

In response to the suggestion by Mrs. Rhea the last sentence of Section 29, **NON-JOINDER AND SUBSEQUENT JOINDER**, Page 24 of the unit agreement, has been revised deleting references to the Conservation Commission and adding the following "provided, that as to State lands such subsequent joinder by a lessee of record must be approved by the Land Commissioner."

Two copies of the reprinted Page 24 of the subject unit agreement are enclosed herewith for your files.

Very truly yours,

TOM BROWN DRILLING CO., INC.

COPY(Original Signed) Foster Merrell

By _____
Foster Merrell, Its Representative

FM/rpd

Enclosures

cc: Mr. Thomas C Brown
Tom Brown Drilling Co., Inc.

cc: Mr. Charles L. Southard
Marathon Oil Company

bcc: ✓ Oil Conservation Commission

ILLEGIBLE

June 8, 1965

2824

Mr. Thomas C. Brown
President
Tom Brown Drilling Company, Inc.
P. O. Box 5131
Midland, Texas

Re: Runyan Ranch Unit
Eddy County, New Mexico

Dear Mr. Brown:

We have received your application for Termination of the Runyan Ranch Unit Agreement, Eddy County, New Mexico. This application is signed by the owners of more than seventy-five per cent on an acreage basis of the working interest in and to oil and gas leasehold interests which are committed to the Unit Agreement.

The Commissioner of Public Lands approves the termination of Runyan Ranch Unit as of June 8, 1965, subject to like approval by the United States Geological Survey.

Enclosed are ten originally signed copies of the Termination. We wish to be advised as to the effective date of the termination and receive a copy of the United States Geological Survey approval of this termination.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:

(Mr.) Ted Bilberry, Director
Oil and Gas Department

GBH/MMR/d
Enclosures

cc: United States Geological Survey
P. O. Drawer 1857, Roswell, New Mexico
Attention: Mr. John A. Anderson
New Mexico Oil Conservation Commission
P. O. Box 2088, Santa Fe, New Mexico

JUL 19 1965
MAIN OFFICE OCC
JUL 19 1965
2834

Memorandum

To: Director, Geological Survey
From: Chief, Conservation Division

RECEIVED

JUL 19 1965

Subject: Termination of the Runyan Ranch unit agreement No. S. GEOLOGICAL SURVEY
14-08-0001-8545, Eddy County, New Mexico ROSWELL, NEW MEXICO

Transmitted herewith are ten duplicate originals of an application filed with the Regional Oil and Gas Supervisor, Roswell, New Mexico, on June 14, 1965, by Tom Brown Drilling Company, Inc., P. O. Box 5131, Midland, Texas, 79702, unit operator, requesting approval of termination of the Runyan Ranch unit agreement.

The Runyan Ranch unit agreement was approved on September 5, 1963, by the Acting Director, Geological Survey, effective as of the date of approval. Unit well No. 1 in the NE 1/4 sec. 12, T. 19 S., R. 21 E., N.M.P.M., was drilled to a total depth of 7,584 feet in the Mississippian and abandoned as a dry hole on October 23, 1963.

Section 20 of the unit agreement provides that it may be terminated at any time by the owners of 75 percent of the committed working interest with the approval of the Director and State Land Commissioner. The signatory parties to the application, Tom Brown Drilling Company, Inc., and Marathon Oil Company, own sufficient interest for compliance with this provision. The Commissioner of Public Lands of the State of New Mexico approved the application on June 8, 1965.

It is recommended that you approve the attached application terminating the Runyan Ranch unit agreement effective July 1, 1965, the first day of the month following the date of filing with the Supervisor.

M. J. DUNCAN

Chief, Conservation Division

Attachments 10
Attachments approved: JUL 13 1965

cc:
BLM - Santa Fe
Roswell (2)✓

John A. Baker

JWSutherland:mlc:6-16-65

Acting Director, U. S. Geological Survey
and returned to the Conservation Division

APR 10 1964

April 10, 1964

Tom Brown Drilling Company, Inc.
P. O. Box 5131
Midland, Texas

Re: Runyan Ranch Unit
Eddy County, New Mexico

Dear Mr. Brown:

The Commissioner of Public Lands approved as of April 10, 1964, your request for a six months extension in which to drill a second test well on the Runyan Ranch Unit, Eddy County, New Mexico, subject to like approval by the United States Geological Survey.

This six months extension gives you until October 23, 1964, in which to commence a second test well on the Runyan Ranch Unit Area.

We are returning eight approved copies of this Application. Please notify us when the United States Geological Survey approves this Application.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

BY:
(Mrs.) Marian M. Rhea, Supervisor
Unit Division

ESW/mmz/v

cc: United States Geological Survey
Roswell, New Mexico

Oil Conservation Commission

MAIN OFFICE
'64 OCT 14 AM 10 31

7834

October 13, 1964

Tom Brown Drilling Company, Inc.
P. O. Box 5131
Midland, Texas

Re: Runyan Ranch Unit
Eddy County, New Mexico

Dear Mr. Brown:

The Commissioner of Public Lands approves as of this date your Application for a six month extension to April 23, 1965, in which to commence another test well on the Runyan Ranch Unit Area. Our approval is subject to like approval by the United States Geological Survey.

Pursuant to your letter dated October 7, 1964, you will either drill another well by April 23, 1965, or you will immediately take steps to terminate the Unit Agreement.

We are returning eight approved copies of this Application.

Very truly yours,

E. W. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

BY:

Ted Bilberry, Director
Oil & Gas Department

ESW/mm/v

cc: United States Geological Survey
Roswell, New Mexico

Oil Conservation Commission
Santa Fe, New Mexico

FOSTER MORRELL
PETROLEUM CONSULTANT
PETROLEUM BUILDING
ROSWELL, NEW MEXICO 89201

September 30, 1963 *24*

2834

Commissioner of Public Lands
P. O. Box 791
Santa Fe, New Mexico
Attention: Mrs. Marian M. Rhea

Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Runyan Ranch Unit
Eddy County, New Mexico

Gentlemen:

Forwarded herewith for your files is a conformed copy of the Unit Agreement for the Development and Operation of the subject unit area with approvals by the Oil Conservation Commission, the Commissioner of Public Lands and the Acting Director of the United States Geological Survey. The unit agreement is designated by the U.S.G.S. as Contract No. 14-08-0001-8545 and became effective September 5, 1963 upon approval of the Acting Director.

The initial test well was spudded September 20, 1963 and was drilling on September 30 in the NE ¹/₄ Sec. 12, T. 19 S., R. 21 E., N.M.P.M.

Pan American Petroleum Corporation did not execute the unit as to its interest under Tract No. 12.

Very truly yours,

TOM BROWN DRILLING CO., INC.

by *Foster Morrell*
Foster Morrell, Its Representative

FM/rpd

Enclosures

cc: Mr. Thomas C. Brown