

SHELL OIL COMPANY

Post Office Box 1200
Farmington, New Mexico

May 23, 1963

Subject: Star Lake Unit
McKinley County, New Mexico
Application for Unit Agreement
Case No. 2819

State of New Mexico
Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

Attention Mr. Daniel S. Nutter

Gentlemen:

Pursuant to your request made during the subject hearing, we enclose the percentage figures of committed acreage on the various types of land subject to the captioned unit.

Federal Acreage

16,287.00 acres total

14,607.08 acres committed, or 90%

State Acreage

1,280.00 acres total

280.00 acres committed, or 21.8%

Indian Acreage

1,735.92 acres total

480.00 acres committed, or 27.7%

(935.92 acres of this Indian acreage is open and a sale has been requested.)

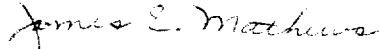
Patented Acreage

4,656.58 acres total

3,530.18 acres committed, or 75.7%

We trust these figures will be sufficient for your purposes; however, if we are able to furnish you any further information, please do not hesitate to call upon us.

Very truly yours,



James E. Mathews
District Land Agent

JEM:GL

cc - Mr. Dick Morris
Seth, Montgomery, Federici and Andrews
Attorneys at Law
301 Don Gaspar Avenue
Santa Fe, New Mexico

MAILED 11 24 64
NOV 24 PM 4 03

2819

November 20, 1964

Shell Oil Company
P. O. Box 1200
Farmington, New Mexico

Re: Star Lake Unit Agreement
McKinley County, New Mexico
Request for Termination

Attention: Mr. Al T. Hays

Gentlemen:

The Commissioner of Public Lands approved as of November 20, 1964, the Termination of Star Lake Unit Agreement, McKinley County, New Mexico. Approval being subject to like approval by the United States Geological Survey.

We are returning three (3) approved copies of this Termination. Also mailing one approved copy of this Termination to the United States Geological Survey, Roswell, New Mexico.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

BY:

Ted Bilberry, Director
Oil & Gas Department

ESW/mmr/v

cc: United States Geological Survey
Roswell, New Mexico

Oil Conservation Commission
Santa Fe, New Mexico

Drawer 1857
Roswell, New Mexico 88201

August 24, 1964

M. F. Abraham
424 First National Bank Building
Albuquerque, New Mexico

Dear Mr. Abraham:

We hereby acknowledge receipt of the following ratification and joinder to the Star Lake unit agreement No. 14-08-0001-8533:

<u>Joinder to</u>	<u>Date Received</u>	<u>Executed by</u>
Unit agreement and unit operating agreement	8-12-64	E. B. Todhunter, who will become lessee of record and working interest owner of lease New Mexico 0554429

Section 28 of the Star Lake unit agreement requires that copies of such ratification and joinder be filed with the New Mexico Oil and Gas Conservation Commission. Subject to your compliance with such requirement, the lands described as the SW $\frac{1}{4}$ sec. 21, T. 19 N., R. 5 W., N.M.P.M., Federal land unit tract 26 (a portion of Federal lease offer 0554429) will be considered committed to the Star Lake unit agreement as of the effective date of lease New Mexico 0554429.

Copies of the ratification and joinder are being distributed to the appropriate Federal offices.

Sincerely yours,

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

cc:
Washington (w/cy joinder)
BLM-Santa Fe (w/cy joinder)
Farmington (w/cy joinder)
New Mexico Com. of Public Lands (ltr. only)
NMOCC-Santa Fe (ltr. only)
Accounts
Shell Oil Company
P. O. Box 1200
Farmington, New Mexico

2819

CONSENT AND RATIFICATION

STAR LAKE UNIT AREA
McKINLEY COUNTY, NEW MEXICO
NO. 14-08-0001-8533

MAIL OFFICE 300

1964 AUG 13 PM 1 08

The undersigned, whether one or more, being owners of the leasehold royalty or other interests in the lands or minerals embraced in captioned Unit, as described below, do hereby commit all their interest to the Unit Agreement for the Development and Operations of the Star Lake Unit Area and the Unit Operating Agreement of the Star Lake Unit Area dated June 1, 1963, and do hereby consent thereto and ratify all of the terms and provisions thereof exactly the same as if the undersigned had executed the original of said documents or counterpart thereof.

IN WITNESS WHEREOF, the undersigned have executed this agreement as of the 12th day of August, 1964.

NM 0554429

T. 19 N., P. 5 W., N.M.P.M.

Sec. 21: W/2

By <u>E. B. Todhunter</u>	Address <u>409 North Kansas</u> <u>Roswell, New Mexico</u>
By _____	Address _____
By _____	Address _____
By _____	Address _____
By _____	Address _____
By _____	Address _____

STATE OF NEW MEXICO)
COUNTY OF CHAVES) ss.

The foregoing instrument was acknowledged before me this 12th day of August, 1964 by E. B. Todhunter.

[Signature]
Notary Public

Commission Expires February 22, 1968



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico 88201

May 22, 1964

M. F. Abraham
424 First National Bank Building
Albuquerque, New Mexico

Dear Mr. Abraham:

We hereby acknowledge receipt of the following ratification and joinder to the Star Lake unit agreement No. 14-08-0001-8933.

<u>Joinder to</u>	<u>Date Received</u>	<u>Executed by</u>
Unit agreement and unit operating agreement	May 19, 1964	E. B. Todhunter, who will become lessee of record and working interest owner of lease NM 0510066, Federal land unit tracts 15, 16, and 21

Section 25 of the Star Lake unit agreement requires that copies of such ratification and joinder be filed with the New Mexico Oil and Gas Conservation Commission. Subject to your compliance with such requirement, the lands covered by lease offer NM 0510066, described as all of sec. 34, T. 19 N., R. 5 W., N.M.P.M., will be considered committed to the Star Lake unit agreement as of the effective date of lease NM 0510066.

Copies of the ratification and joinder are being distributed to the appropriate Federal offices.

Sincerely yours,

CARL C. TAYNICK
Acting Oil and Gas Supervisor

cc:
Washington (w/cy joinder)
BIM, Santa Fe (w/cy joinder)
Farmington (w/cy joinder)
N. Mex. Com. of Pub. Lands (ltr. only)
MOCG, Santa Fe (ltr. only) ✓
Accounts

ILLEGIBLE

ROSWELL PETROLEUM BUILDING
505 622-7330

2819

67 RIVERSIDE
505 622-6923

ERNEST A. HANSON
OIL OPERATOR
P. O. BOX 1515
ROSWELL, NEW MEXICO
88201

RECEIVED
MAY 19 1964

May 19, 1964

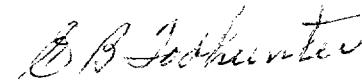
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Star Lake Unit
No. 14-08-0001-8533
McKinley County, New Mexico

Gentlemen:

As requested by Shell Oil Company, enclosed herewith is one (1)
executed copy of Consent and Ratification of the captioned unit.

Very truly yours,



E. B. Todhunter

EBT/rpt

Enclosure

CONSENT AND RATIFICATION

STAR LAKE UNIT AREA
McKINLEY COUNTY, NEW MEXICO
NO. 14-08-0001-8533

RECEIVED
MAY 22 1964
30

The undersigned, whether one or more, being owners of the leasehold royalty or other interests in the lands or minerals embraced in captioned Unit, as described below, do hereby commit all their interest to the Unit Agreement for the Development and Operations of the Star Lake Unit Area and the Unit Operating Agreement of the Star Lake Unit Area dated June 1, 1963, and do hereby consent thereto and ratify all of the terms and provisions thereof exactly the same as if the undersigned had executed the original of said documents or counterpart thereof.

IN WITNESS WHEREOF, the undersigned have executed this agreement as of the 19th day of May, 1964.

Serial No. NM 0510086 T. 19 N., R. 5 W.
Sec. 34: A11

By <u>E. B. Todhunter</u>	Address <u>P. O. Box 1515</u> <u>Roswell, New Mexico</u>
By _____	Address _____
By _____	Address _____
By _____	Address _____
By _____	Address _____
By _____	Address _____

STATE OF NEW MEXICO
COUNTY OF CHAVES) ss.

The foregoing instrument was acknowledged before me this 19th day of May, 1964 by E. B. Todhunter.

E. B. Todhunter
Notary Public
Commission Expires 12-22-1968



SHELL OIL COMPANY

MAY 19 1964

Post Office Box 1200
Farmington, New Mexico

May 19, 1964

Subject: Star Lake Unit
No. 14-08-0001-S533
McKinley County, New Mexico

New Mexico Oil Conservation Commission
Post Office Box 791
Santa Fe, New Mexico

Gentlemen:

Pursuant to letter dated April 16, 1964 to M. F. Abraham, 424 First National Bank Building, Albuquerque, New Mexico from Mr. Carl Traywick of the United States Geological Survey, Roswell, New Mexico, we transmit herewith a copy of Consent and Ratification to captioned Unit, fully executed by Mr. E. B. Todhunter, Roswell, New Mexico.

Very truly yours,

Al T. Hays
Al T. Hays
District Land Agent

ATH:GL

Enclosure

CONSENT AND RATIFICATION

STAR LAKE UNIT AREA
McKINLEY COUNTY, NEW MEXICO
NO. 14-08-0001-8533

The undersigned, whether one or more, being owners of the leasehold royalty or other interests in the lands or minerals embraced in captioned Unit, as described below, do hereby commit all their interest to the Unit Agreement for the Development and Operations of the Star Lake Unit Area and the Unit Operating Agreement of the Star Lake Unit Area dated June 1, 1963, and do hereby consent thereto and ratify all of the terms and provisions thereof exactly the same as if the undersigned had executed the original of said documents or counterpart thereof.

IN WITNESS WHEREOF, the undersigned have executed this agreement as of the 15th day of April, 1964.

U.S. here # N.M. 0536.026

Township 19 North, Range 5 West, N.M.P.M.
Section 26: NW/4

By <u>E. B. Todhunter</u>	Address <u>P.O. Box 1515</u> <u>Reserve, N.M.</u>
By _____	Address _____
By _____	Address _____
By _____	Address _____
By _____	Address _____
By _____	Address _____

STATE OF NEW MEXICO
COUNTY OF CHAVES) ss.

The foregoing instrument was acknowledged before me this 15th day of April, 1964 by E. B. Todhunter.

John Ashby Beam
Notary Public
Commission Expires 5-9-66

1917
MAIN OFFICE OCC

1964 MAR 9 AM 8:34

Drawer 1857
Roswell, New Mexico 88201

March 3, 1964

M. F. Abraham
424 First National Bank Building
Albuquerque, New Mexico

Dear Mr. Abraham:

We hereby acknowledge receipt of the following ratification and joinder relating to the Star Lake unit agreement No. 14-08-0001-8533, New Mexico:

<u>Joinder to</u>	<u>Date Received</u>	<u>Executed by</u>
Unit agreement and unit operating agreement	1-31-64	E. B. and Irene Todhunter, who will become lessee of record and working interest owners under lease New Mexico 0499271, Federal land unit tracts 13, 17, 18, and 23.
Unit agreement and unit operating agreement	1-31-64	Ernest A. and Beulah Irene Hanson, reported lessee of record and working interest owners in State land unit tract 38.

Section 28 of the Star Lake unit agreement requires that copies of such ratification and joinder be filed with the New Mexico Oil and Gas Conservation Commission. Subject to your compliance with such requirement, the lands covered by lease offer New Mexico 0499271 (Federal land unit tracts 13, 17, 18, and 23, described as SW $\frac{1}{4}$ sec. 22, NW $\frac{1}{4}$, NE $\frac{1}{4}$, SE $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, sec. 28, all sec. 32, and all sec. 35, T. 19 N., R. 5 W., N.M.P.M.,) will be considered effectively committed to the Star Lake unit agreement as of the effective date of lease New Mexico 0499271.

State land unit tract 38 is considered fully committed to the Star Lake unit agreement as of February 1, 1964, subject to approval by the Commissioner of Public Lands of the State of New Mexico, pursuant to section 28 of the unit agreement.

ILLEGIBLE

Drawer 1857
Roswell, New Mexico 88201

April 16, 1964

M. F. Abraham
424 First National Bank Building
Albuquerque, New Mexico

Dear Mr. Abraham:

We hereby acknowledge receipt of the following ratification and joinder relating to the Star Lake unit agreement No. 14-08-0001-6535, New Mexico:

<u>Joinder to</u>	<u>Date Received</u>	<u>Executed by</u>
Unit agreement and unit operating agreement	4-15-64	E. E. Todhunter, who will become lessee of record and working interest owner of lease NM 0536026, Federal land unit tract No. 22

Section 28 of the Star Lake unit agreement requires that copies of such ratification and joinder be filed with the New Mexico Oil Conservation Commission. Subject to your compliance with such requirement, the lands covered by lease offer NM 0536026 described as the NW sec. 26, T. 19 N., R. 5 W., N.M.P.M., will be considered effectively committed to the Star Lake unit agreement as of the effective date of lease NM 0536026.

Copies of the ratification and joinder are being distributed to the appropriate Federal offices.

Sincerely yours,

(Orig. Sgd.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Oil and Gas Supervisor

cc:
Shell Oil Co.
P. O. Box 1200
Farmington, N. M.

Wash. (w/cy joinder)
NM-Santa Fe (w/cy joinder)
Farmington (w/cy joinder)

Comm. of Pub. Lands-Santa Fe (ltr. only)
NMOC-Santa Fe
Accounts

ILLEGIBLE

Copies of the ratifications and joinders are being distributed to the appropriate Federal offices. All copies surplus to our needs are returned herewith.

Sincerely yours,

(Orig. Sgd.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Oil & Gas Supervisor

cc:
Washington (w/cy joinders)
BLM - Santa Fe (w/cy joinders)
Farmington (w/cy joinders)
N. Mex. Com. of Pub. Lands (ltr. only)
NMOCC - Santa Fe (ltr. only)
Accounts

ILLEGIBLE

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

2811

February 19, 1964

C
O
P
Y

M. F. Abraham
424 First National Bank Building
Albuquerque, New Mexico

Re: Star Lake Unit, McKinley
County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved your request for a six months extension of the time in which you are obligated to drill a second test well within the Star Lake Unit Area in McKinley County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the request is returned herewith.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/JEK/og

cc: Commissioner of Public Lands - Santa Fe
United States Geological Survey - Roswell

M. F. Abraham
424 First National Bank Building
Albuquerque, New Mexico

January 18, 1964

Subject: Star Lake Unit
McKinley County, New Mexico
Contract No. 14-08-0001-8533

State of New Mexico
Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

Attention Mr. A. L. Porter, Jr.
Secretary-Director

Gentlemen:

Reference is made to the subject Unit and in this connection M. F. Abraham, Unit Operator, is requesting a six-months' extension of the drilling obligation accruing under Paragraph 9 of the Unit Agreement.

The reasons given for this extension are set out in the enclosed letter which has already been submitted to the United States Geological Survey for their approval. We would appreciate your keeping the contents of this letter confidential.

If the Oil Conservation Commission's office is agreeable to granting this extension, subject to the approval of the U.S.G.S. and of the Commissioner of Public Lands of the State of New Mexico, we would appreciate your signifying your approval by signing the enclosed copy of this letter in the space provided and returning same to M. F. Abraham, 424 First National Bank Building, Albuquerque, New Mexico, or evidencing your approval in some other manner.

Very truly yours,

M. F. Abraham

M. F. Abraham

Enclosures

Six-Month Extension Granted:

Date 2-19-64
A. L. Porter, Jr.
A. L. Porter, Jr.
Secretary-Director

cc - State of New Mexico
Commissioner of Public Lands
Santa Fe, New Mexico

M. F. Abraham
424 First National Bank Building
Albuquerque, New Mexico

January 18, 1964

Subject: Star Lake Unit
McKinley County, New Mexico
Contract No. 14-08-0001-8533

State of New Mexico
Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

Attention Mr. A. L. Porter, Jr.
Secretary-Director

Gentlemen:

Reference is made to the subject Unit and in this connection M. F. Abraham, Unit Operator, is requesting a six-months' extension of the drilling obligation accruing under Paragraph 9 of the Unit Agreement.

The reasons given for this extension are set out in the enclosed letter which has already been submitted to the United States Geological Survey for their approval. We would appreciate your keeping the contents of this letter confidential.

If the Oil Conservation Commission's office is agreeable to granting this extension, subject to the approval of the U.S.G.S. and of the Commissioner of Public Lands of the State of New Mexico, we would appreciate your signifying your approval by signing the enclosed copy of this letter in the space provided and returning same to M. F. Abraham, 424 First National Bank Building, Albuquerque, New Mexico, or evidencing your approval in some other manner.

Very truly yours,

M. F. Abraham

M. F. Abraham

Enclosures

Six-Month Extension Granted:

Date 2-19-64
A. L. Porter, Jr.
A. L. Porter, Jr.
Secretary-Director

cc - State of New Mexico
Commissioner of Public Lands
Santa Fe, New Mexico

251
January 30, 1964

M. F. Abraham
424 First National Bank Building
Albuquerque, New Mexico

Re: Star Lake Unit
McKinley County,
New Mexico

Dear Mr. Abraham:

Reference is made to your letter of January 18, 1964, by which you request a six months extension of time; from February 25, 1964 to August 25, 1964; in which to commence the drilling of a second test well on the Star Lake Unit Area.

The Director and the State Land Commissioner, under Section 9 of the Unit Agreement, may grant such an extension. The Commissioner therefore approves a six months extension, subject to like approval by the United States Geological Survey.

We are returning to you two approved copies of your Application.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

BY:

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

ESW/mar/v

cc: Oil Conservation Commission

United States Geological Survey
Roswell, New Mexico

267
January 30, 1964

M. F. Abraham
424 First National Bank Building
Albuquerque, New Mexico

Re: Star Lake Unit
McKinley County,
New Mexico

Dear Mr. Abraham:

Reference is made to your letter of January 18, 1964, by which you request a six months extension of time; from February 25, 1964 to August 25, 1964; in which to commence the drilling of a second test well on the Star Lake Unit Area.

The Director and the State Land Commissioner, under Section 9 of the Unit Agreement, may grant such an extension. The Commissioner therefore approves a six months extension, subject to like approval by the United States Geological Survey.

We are returning to you two approved copies of your Application.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

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

ESW/mar/v

cc: Oil Conservation Commission

United States Geological Survey
Roswell, New Mexico

M. F. Abraham
424 First National Bank Building
Albuquerque, New Mexico

January 18, 1964

Subject: Star Lake Unit
McKinley County, New Mexico
Contract No. 14-08-0001-8533

State of New Mexico
Commissioner of Public Lands
Post Office Box 791
Santa Fe, New Mexico

Attention Mrs. Marian Rhea

Gentlemen:

Reference is made to the subject Unit and in this connection M. F. Abraham, Unit Operator, is requesting a six-months' extension of the drilling obligation accruing under Paragraph 9 of the Unit Agreement.

The reasons given for this extension are set out in the enclosed letter which has already been submitted to the United States Geological Survey for their approval. We would appreciate your keeping the contents of this letter confidential.

If the Land Commissioner's office is agreeable to granting this extension, subject to the approval of the U.S.G.S. and of the Oil Conservation Commission of the State of New Mexico, we would appreciate your signifying your approval by signing the enclosed copy of this letter in the space provided and returning same to M. F. Abraham, 424 First National Bank Building, Albuquerque, New Mexico, or evidencing your approval in some other manner.

Very truly yours,

M. F. Abraham

M. F. Abraham

Enclosures

Six-Month Extension Granted:

Date _____

E. S. Johnny Walker
Commissioner of Public Lands

cc - State of New Mexico ← THIS COPY FOR
Oil Conservation Commission
Santa Fe, New Mexico

M. F. Abraham
424 First National Bank Building
Albuquerque, New Mexico

January 17, 1964

Subject: Star Lake Unit
McKinley County, New Mexico
Contract No. 14-08-0001-8533

Director
United States Geological Survey
Washington 25, D. C.

through

Supervisor
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico

Gentlemen:

The Unit Agreement for the development and operation of the Star Lake Unit Area, encompassing certain lands in McKinley County, New Mexico, was approved by the Area Director of the United States Geological Survey on July 18, 1963 and designated as Unit Agreement No. 14-08-0001-8533. M. F. Abraham, Unit Operator, drilled the Star Lake Unit No. 1 well in the NW/4 NW/4 of Section 5, T. 18 N., R. 5 W., N.M.P.M. This well was completed and abandoned as a dry hole at a depth of 9240 feet in the Cambrian granite on August 25, 1963. In accordance with Paragraph 9 of the Unit Agreement, the next well obligation will accrue six months from the completion date of the aforementioned well, or on February 25, 1964.

Present plans call for the drilling of a second well somewhere in the eastern portion of this Unit. We are presently soliciting partners to join in the drilling of this test and continuing our geological investigation of the area. If we are unable to secure satisfactory partners for this test, it is our intention to drill a well for our own account. The location of this second well is not certain at this time; however, the required notices will be filed with the State of New Mexico prior to a commencement of any operations.

In order to allow sufficient time to complete negotiations to secure partners in this drilling venture and do additional geological investigation, we request a six-months' extension in which to commence the drilling of the next Unit well.

Your consideration and approval of this six-months' extension will be greatly appreciated.

Very truly yours,

M. F. Abraham

M. F. Abraham

July 16, 1963

Mr. M. F. Abraham
424 First National Bank Bldg.
Albuquerque, New Mexico

Re: Star Lake Unit
McKinley County, New Mexico

Gentlemen:

The Commissioner of Public Lands approved as of July 15, 1963 the Star Lake Unit Agreement, McKinley County, New Mexico, subject to like approval by the United States Geological Survey.

We are sending to Mr. Mathews four originally signed Certificates of Approval.

You will recall that you did not give us ratification to this Unit by the Santa Fe Railroad. If in the future you revise your Exhibit "B" tract 21 on the O/R Royalty should be changed from "Nutter" to "Rutter".

Enclosed is Official Receipt No. G-18530 in the amount of Two Hundred Five (\$205.00) Dollars which covers the filing fee.

ILLEGIBLE

Mr. M. P. Abraham
July 16, 1963
- page 2 -

Very

E. S.
COMM

BY:
(Mr

ESW/mmr/v
cc: Sheld

July 16, 1963

Mr. M. F. Abraham
424 First National Bank Bldg.
Albuquerque, New Mexico

Re: Star Lake Unit
McKinley County, New Mexico

Gentlemen:

The Commissioner of Public Lands approved as of July 15, 1963 the Star Lake Unit Agreement, McKinley County, New Mexico, subject to like approval by the United States Geological Survey.

We are sending to Mr. Mathews four originally signed Certificates of Approval.

You will recall that you did not give us ratification to this Unit by the Santa Fe Railroad. If in the future you revise your Exhibit "B" tract 21 on the O/R Royalty should be changed from "Eutter" to "Rutter".

Enclosed is Official Receipt No. G-18530 in the amount of Two Hundred Five (\$205.00) Dollars which covers the filing fee.

ILLEGIBLE

Mr. M. P. Abraham
July 16, 1963
- page 2 -

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

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

ESW/mm/v
cc: Shell Oil Company
P. O. Box 1200
Farmington, New Mexico
Attention: Mr. James E. Mathews
Encl: Certificates - 4

Oil Conservation Commission
Santa Fe, New Mexico

United States Geological Survey
Roswell, New Mexico
Attention: Mr. John A. Anderson

ILLEGIBLE



SHELL OIL COMPANY

Post Office Box 1200
Farmington, New Mexico

June 11, 1963

Subject: Star Lake Area
Star Lake Unit
McKinley County, New Mexico

State of New Mexico
Commissioner of Public Lands
Post Office Box 791
Santa Fe, New Mexico

Attention Mrs. Marian Rhea

Gentlemen:

In accordance with your recent request, we enclose a copy of the Bureau of Indian Affairs' transmittal letter of May 21, 1963 whereby they indicate that the draft of the above subject Unit Agreement had been approved as to form by the General Superintendent of the Navajo Indian Agency and the Area office in Gallup, New Mexico.

Very truly yours,

James E. Mathews
James E. Mathews

James E. Mathews
District Land Agent

JEM:BC

Enclosure

cc - State of New Mexico
Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

ENCLOSURE

Realty

BUREAU OF INDIAN AFFAIRS
Gallup Area Office
P. O. Box 1060
Gallup, New Mexico

MAY 21 1983

Mr. John A. Anderson
Regional Oil & Gas Supervisor
United States Geological Survey
Brewer 1857
Roswell, New Mexico

Dear Mr. Anderson:

We are herewith transmitting five draft copies of a proposed unit agreement designated as 'Star Lake.' This draft has been approved as to form by the General Superintendent, Navajo Agency, and this office. When finalized and approved by the Director, U. S. Geological Survey, please return two copies for our use.

Sincerely yours,

(SGD) DEWEY DISMUK

ACTING ASSISTANT Area Director

Enclosures

cc: Navajo Agency, Realty
Shell Oil Co., Farmington
Att: James E. Mathews

ILLEGIBLE

424 First National Bank Building
Albuquerque, New Mexico

June 3, 1963

Subject: Star Lake Unit
McKinlay County, New Mexico
Request for Approval

State of New Mexico
Commissioner of Public Lands
Post Office Box 791
Santa Fe, New Mexico

Attention Mrs. Marian Rhea

Gentlemen:

Reference is made to your letter of May 17, 1963, whereby you requested certain changes be incorporated in our Unit Agreement form in connection with the subject Unit. Please be advised that we are agreeable to making the requested changes and the agreement is presently being redrawn by our Los Angeles office. When this agreement has been redrawn, it will incorporate the following changes.

1. On page 1, lines 29 and 30, the parenthetical statement, "Chapter 88, Laws 1943, as amended, Laws 1961, Chapter 176 #1" will be deleted and "Section 7 - 11 - 39 N. M. Statute 1953 annotated" will be inserted in lieu thereof.
2. On page 3, line 4, the word "two" will be substituted for the word "one" with reference to the copies to be filed with the State Land Commissioner.
3. Page 5, line 1, the words "and the State Land Commissioner" will be inserted between the word "Director" and the comma.
4. Page 7, lines 8 and 9, the phrase "approved by the State Land Commissioner" will be inserted in lieu of the phrase "and State Commissioner".
5. Page 9, line 12, the words "and the State Land Commissioner" will be inserted between the word "Director" and the word "may".
6. Page 15, the sentence "Rentals on State of New Mexico lands subject to this agreement shall be paid at the rates specified in the respective leases." will be removed from line 20 and inserted following line 12.
7. In line 13, on page 15, the words "or State of New Mexico" will be inserted after the word "non-Indian" and before the word "land".

8. Page 18, your segregation clause will be inserted as subparagraph i following subparagraph h as it occurs on said page 18.
9. Page 18, the words "and the State Land Commissioner" will be inserted between the words "representative" and "and" as they appear in line 30 of page 18.
10. Page 22, the words "and the approval of" shall be inserted between the comma following the word "Supervisor" and the word "the" as they appear in line 27 and the words "as to State Lands" will be inserted between the word "Commissioner" and the comma immediately following as it appears in said line 27.

As you are no doubt aware, we have received approval of the Oil Conservation Commission as of the 28th of May 1963, subject, however, to the approval of your office and the United States Geological Survey. The filing fee has been furnished your office and copies of the redraft ~~and~~ Unit Agreement will be forwarded as soon as they are available. We respectfully request, however, that you give consideration to the approval of this Unit prior to receiving said copies in order that we may continue with our work without delay.

Your generous cooperation in connection with this matter is greatly appreciated.

Very truly yours,

James E. Mathison
For M. F. Abraham

cc - State of New Mexico ~~Oil and Gas~~ ~~Conservation~~ Commission
Oil and Gas Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

State of New Mexico
Oil Conservation Commission



STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

OTHER _____

424 First National Bank Building
Albuquerque, New Mexico

May 15, 1963

Subject: Star Lake Unit
Proposed Unit Area
McKinley County, New Mexico

State of New Mexico
Commissioner of Public Lands
Post Office Box 791
Santa Fe, New Mexico

Attention Mrs. Marion Rhea

Gentlemen:

Enclosed for your information and files are two copies of the United States Geological Survey's letter of May 10, 1963 whereby they notified me of the acceptability of their part with regard to the area and depth proposed in the subject Unit. You will note that they intend to withhold their formal approval of this Designation until the Indian Office has approved the language in said Unit Agreement.

Also enclosed are two copies of said Unit Agreement for your approval; I will forward you the monies to cover the filing fees if you will let me know the amount. The bill for the filing fees should be mailed to Shell Oil Company, Post Office Box 1200, Farmington, New Mexico, Attention Mr. James F. Mathews.

As you are no doubt aware, an Examiner's Hearing has been set by the Oil Conservation Commission on May 22, 1963.

Very truly yours,

For M. F. Abraham

Enclosures

cc - State of New Mexico - Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

UNIT OFFICE 030

1963 MAY 17 PM 2 03

May 17, 1963

Shell Oil Company
P. O. Box 1200
Farmington, New Mexico

Re: Proposed Star Lake Unit
McKinley County New Mexico

Attention: Mr. James E. Matthews

Gentlemen:

I am enclosing a copy of the Proposed Star Lake Unit Agreement form on which I have hurriedly made changes which will have to be made before we will approve it as to form and content.

We have not as yet indicated our approval of this Unit as to the Area. We will do so at the earliest possible time. We were not aware that you would have sufficient control of this area to have a hearing at such an early date.

The fee is five (\$5.00) dollars for each section or partial section of the entire Unit Area. This fee is presently due.

Shell Oil Company
Attention: Mr. James E Matthews
May 17, 1963
- page 2 -

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

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

ESW/mmr/v

encl:

cc: Oil Conservation Commission
Santa Fe, New Mexico

U. S. Department of Interior
Geological Survey
Roswell, New Mexico

Mr. M. F. Abraham
424 First National Bank Bldg.
Albuquerque, New Mexico

424 First National Bank Building
Albuquerque, New Mexico

681

May 15, 1963

MAY 15 1963

MAY 15 PM 2 13

STAR LAKE UNIT
SANTA FE, N.M.

Subject: Star Lake Unit
Proposed Unit Area
McKinley County, New Mexico

State of New Mexico
Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Reference is made to my letters of April 26, 1963 and May 4, 1963 whereby I requested approval of an Application for Designation of a Unit Area in connection with the subject Unit. In this connection I am enclosing United States Geological Survey letter of May 10, 1963 which has been signed by Arthur A. Baker, Acting Director of said Survey, whereby they notified me as to their acceptance with regard to the area and depth proposed in said Application.

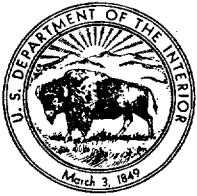
Two copies of the Unit Agreement for the development and operation of the proposed Unit are enclosed for your approval. You will note from the United States Geological Survey's letter that the Indian Office must approve the language of this agreement before the United States Geological Survey will formalize the designation.

Very truly yours,

James E. Mathews
For M. F. Abraham

Enclosures

cc - Commissioner of Public Lands
State of New Mexico
Post Office Box 791
Santa Fe, New Mexico



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

MAY 10 1963

MAY 10 1963
ST. LOUIS OFFICE
SANTA FE, N. M.

Air Mail

Mr. M. F. Abraham
424 First National Bank Building
Albuquerque, New Mexico

Dear Mr. Abraham:

Your application of May 3 filed with the Regional Oil and Gas Supervisor, Roswell, New Mexico, requested the designation of 23,959.58 acres, more or less, in McKinley County, New Mexico, as logically subject to exploration and development under the unitization provisions of the Mineral Leasing Act, as amended. You proposed the drilling of an initial well to test the Cambrian formations or to a depth of 9100 feet.

Inasmuch as leased Navajo Indian lands are involved, we must defer the official designation of this area until such time as the Indian Office can review and endorse the action, particularly as to preliminary approval of the unit agreement as to form with appropriate language for the benefit of the Indian lands involved. Nevertheless, we understand you need some expression of acceptability from us for processing of this case as to the procedures required by the State of New Mexico.

Accordingly, this will serve as notice of acceptability on our part as to the area and the depth proposed. We intend to formalize the designation action shortly after the Indian Office review has been completed. The attached map, marked Exhibit "A", Proposed Star Lake Unit, will show the lands involved.

Sincerely yours,

Acting Director

Enclosure

424 First National Bank Building
Albuquerque, New Mexico

May 4, 1963

Subject: Star Lake Unit
Proposed Unit Area
McKinley County, New Mexico

State of New Mexico (2)
Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Reference is made to my letter of April 26, 1963, whereby I requested approval from the Oil Conservation Commission of an Application for Designation of a Unit Area for the proposed Star Lake Unit. I now find that the ownership plat and the schedule showing the legal description of the tracts to be encompassed in said Unit were in error. In this connection I enclose new copies of said ownership map and schedule which have been corrected.

The corrected Unit Area comprises 23,959.58 acres, of which 15,807.08 acres are Federal lands, 1,280 acres are State of New Mexico lands, 1,735.92 acres are Allotted Indian lands, 480 acres are lands under the jurisdiction of the Bureau of Indian Affairs, and 4,656.58 acres are Patented lands.

I would still appreciate your placing this application on your calendar for the May 22, 1963 Examiner Hearing. For your use in considering this application I am forwarding two revised copies of the area and depth letter to the United States Geological Survey. I would appreciate your using the geological report previously forwarded you under cover of my April 26th letter inasmuch as it is correct in every respect.

If this Unit is approved it is my intention to drill a test well to a depth of 9100 feet or to the Cambrian, whichever is the lesser, said test to be located in the northwest quarter of the northwest quarter (Lot 4) of Section 5, T. 18 N., R. 5 W., N.M.P.M.

Your confidential treatment of the geological report will be greatly appreciated. A copy of the Unit Agreement which is presently being prepared will be forwarded for your examination in the near future. I trust you were not inconvenienced too greatly by this error and request your indulgence in this regard.

Very truly yours,

M. F. Abraham

For M. F. Abraham

Enclosures

cc - Commissioner of Public Lands
Post Office Box 791
Santa Fe, New Mexico

424 First National Bank Building
Albuquerque, New Mexico

May 4, 1963

Subject: Star Lake Unit
Proposed Unit Area
McKinley County, New Mexico

State of New Mexico (2)
Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Reference is made to my letter of April 26, 1963, whereby I requested approval from the Oil Conservation Commission of an Application for Designation of a Unit Area for the proposed Star Lake Unit. I now find that the ownership plat and the schedule showing the legal description of the tracts to be encompassed in said Unit were in error. In this connection I enclose new copies of said ownership map and schedule which have been corrected.

The corrected Unit Area comprises 23,959.58 acres, of which 15,807.08 acres are Federal lands, 1,280 acres are State of New Mexico lands, 1,735.92 acres are Allotted Indian lands, 480 acres are lands under the jurisdiction of the Bureau of Indian Affairs, and 4,656.58 acres are Patented lands.

I would still appreciate your placing this application on your calendar for the May 22, 1963 Examiner Hearing. For your use in considering this application I am forwarding two revised copies of the area and depth letter to the United States Geological Survey. I would appreciate your using the geological report previously forwarded you under cover of my April 26th letter inasmuch as it is correct in every respect.

If this Unit is approved it is my intention to drill a test well to a depth of 9100 feet or to the Cambrian, whichever is the lesser, said test to be located in the northwest quarter of the northwest quarter (Lot 4) of Section 5, T. 18 N., R. 5 W., N.M.P.M.

Your confidential treatment of the geological report will be greatly appreciated. A copy of the Unit Agreement which is presently being prepared will be forwarded for your examination in the near future. I trust you were not inconvenienced too greatly by this error and request your indulgence in this regard.

Very truly yours,

M. F. Abraham
For M. F. Abraham

Enclosures

cc - Commissioner of Public Lands
Post Office Box 791
Santa Fe, New Mexico

424 First National Bank Building
Albuquerque, New Mexico

May 4, 1963

Subject: Star Lake Unit
Proposed Unit Area
McKinley County, New Mexico

State of New Mexico
Commissioner of Public Lands
Post Office Box 791
Santa Fe, New Mexico

Attention Mrs. Marian Rhea

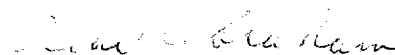
Gentlemen:

Reference is made to my letter of April 26, 1963, whereby I enclosed copies of my area and depth letter to the United States Geological Survey, together with the necessary enclosures. I now find that said letter was in error with regard to the Unit outline, and in this connection I now wish to advise that the proposed Unit Area comprises 23,959.58 acres, of which 15,807.08 acres are Federal lands, 1,280 acres are State of New Mexico lands, 1,735.92 acres are Allotted Indian lands, 480 acres are lands under the jurisdiction of the Bureau of Indian Affairs, and 4,656.58 acres are Patented lands.

New copies of the ownership map, together with a schedule showing the legal description of the lands in question, are enclosed herewith. The copies of the geological report forwarded under cover of my April 26th letter are correct. A copy of the Unit Agreement which is presently being prepared will be forwarded for your examination in the near future.

I regret any inconvenience you may have as a result of this error and apologize for same.

Very truly yours,



For M. F. Abraham

Enclosures

cc - State of New Mexico
Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

424 First National Bank Building
Albuquerque, New Mexico

May 3, 1963

Subject: Star Lake Unit
McKinley County, New Mexico

Director
United States Geological Survey
Washington 25, D.C.

Through

Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Gentlemen:

M. F. Abraham respectfully requests approval of an Application for Designation of a Unit Area for the subject Unit.

The proposed Unit Area comprises 23,959.58 acres, of which 15,807.08 acres are Federal lands, 1,280 acres are State lands, 1,735.92 acres are Allotted Indian lands, 480 acres are lands under the jurisdiction of the Bureau of Indian Affairs, and 4,656.58 acres are Patented lands. The Unit Area outlined on the enclosed land map shows the acreage in the tracts comprising the Unit Area. A schedule showing the legal description and acreage of all the tracts in the proposed Unit Area is also enclosed.

I propose to drill a test well to a depth of 9100 feet or to the Cambrian, whichever is the lesser, to be located in the northwest quarter of the northwest quarter (Lot 4) of Section 5, T. 18 N., R. 5 W., N.M.P.M. Inasmuch as the majority of the Federal leases expire on July 31, 1963, I wish to commence drilling the test well immediately upon obtaining approval of the Unit. In view of the early expiring leases your expeditious handling of this application will be greatly appreciated.

It is my intention to follow the Standard Form 30 C.F.R. 226.12 with the modification required pursuant to the Standard Form of Unit Agreement (1961 reprint). Such form will contain only such modifications

Director
United States Geological Survey
Through
Supervisor
United States Geological Survey

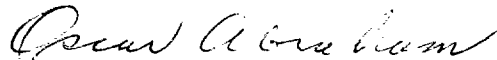
2

that might be required by your office and those of the State of New Mexico. By this letter I also request approval of this form of Unit Agreement and the depth and location of the proposed test.

This request supersedes the request contained in the letter of April 25, 1963, which was in error with regard to the proposed Unit Area. New copies of the ownership maps and schedule showing the legal description, which have been corrected, are enclosed. The copies of the geological report forwarded by my April 25th letter are still correct and I request that they be used to justify the establishment of the proposed Unit. This report was furnished in triplicate and prepared by Mr. E. G. Hoskins, District Geologist of the Shell Oil Company's Farmington District office. It is requested that the information therein be treated as confidential information.

Your earliest consideration to this request is respectfully requested.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Oscar Abraham".

For M. F. Abraham

Enclosures

424 First National Bank Building
Albuquerque, New Mexico

May 3, 1963

Subject: Star Lake Unit
McKinley County, New Mexico

Director
United States Geological Survey
Washington 25, D.C.

Through

Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Gentlemen:

M. F. Abraham respectfully requests approval of an Application for Designation of a Unit Area for the subject Unit.

The proposed Unit Area comprises 23,959.58 acres, of which 15,807.08 acres are Federal lands, 1,280 acres are State lands, 1,735.92 acres are Allotted Indian lands, 480 acres are lands under the jurisdiction of the Bureau of Indian Affairs, and 4,656.58 acres are Patented lands. The Unit Area outlined on the enclosed land map shows the acreage in the tracts comprising the Unit Area. A schedule showing the legal description and acreage of all the tracts in the proposed Unit Area is also enclosed.

I propose to drill a test well to a depth of 9100 feet or to the Cambrian, whichever is the lesser, to be located in the northwest quarter of the northwest quarter (Lot 4) of Section 5, T. 18 N., R. 5 W., N.M.P.M. Inasmuch as the majority of the Federal leases expire on July 31, 1963, I wish to commence drilling the test well immediately upon obtaining approval of the Unit. In view of the early expiring leases your expeditious handling of this application will be greatly appreciated.

It is my intention to follow the Standard Form 30 C.F.R. 226.12 with the modification required pursuant to the Standard Form of Unit Agreement (1961 reprint). Such form will contain only such modifications

OSCAR ABRAHAM

OIL AND NATURAL GAS PRODUCTION

424 FIRST NATIONAL BANK BUILDING
ALBUQUERQUE, NEW MEXICO
TELEPHONE 247-8816

April 26, 1963

814 MERCANTILE BANK BUILDING
DALLAS TEXAS
TELEPHONE RI 8-5050

Star Lake Area
Proposed Star Lake Unit
McKinley County, New Mexico

Commissioner of Public Lands
State of New Mexico
State Land Office Building
Santa Fe, New Mexico

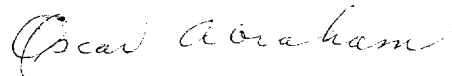
Attention: Marion Rhea

Pursant to the recent telephone conversation between Mrs. Marion Rhea and James E. Mathews we enclose a copy of our area and depth letter directed to the United States Geological Survey together with the necessary enclosures.

The proposed Unit Area comprises 22,357.56 acres, of which 14,847.08 acres are Federal lands, 1,260 acres are State of New Mexico lands, 1,735.92 acres are allotted Indian lands. 480 acres are lands under the jurisdiction of the Bureau of Indian Affairs, and 4,014.56 acres are patented lands. Presently we will forward a copy of the Unit Agreement for your examination. This agreement will follow the Standard Form 30 C.F.R. 226.12 with only the required revisions and those modification required by the United States Geological Survey and the State of New Mexico.

After you have had the opportunity to examine these reports I will contact you again. An Examiner Hearing has been requested of the Oil Conversation Commission on May 22, 1963. It would be appreciated if you would treat the enclosed geological data as confidential information.

Very truly yours,



For M. F. Abraham

Enclosures
cc Oil Conversation Commissioner

Case 2819

*Hearing
May 22nd*

OSCAR ABRAHAM

OIL AND NATURAL GAS PRODUCTION

28 9

424 FIRST NATIONAL BANK BUILDING
ALBUQUERQUE, NEW MEXICO
TELEPHONE 247-8816

April 26, 1963

814 MERCANTILE BANK BUILDING
DALLAS TEXAS
TELEPHONE RI 8-5050

Subject: Star Lake Area
Proposed Star Lake Unit
McKinley County, New Mexico

Oiland Gas Conservation Commission (2)
State of New Mexico
State Land Office Building
Santa Fe, New Mexico

Gentlemen:

M. F. Abraham respectively request approval by the Oil Conservation Commission of an Application for Designation of Unit Area for the proposed Star Lake Unit.

The proposed Unit Area comprises 22,357.56 acres, of which 14,847.08 acres are Federal Lands, 1280 acres are State of New Mexico lands, 1,735.92 acres are allotted Indian Lands, 480 acres are lands under the jurisdiction of the Bureau of Indian Affairs, and 4,014.56 acres are potentated lands. We would appricate your placing the application on your calander for the May 22, 1963 Examiner Hearing.

Enclosed for your use in considering this application are 2 copies of the area and depth letter, which we are currently forwarding to the United States Geological Survey, together with the necessary attachments. If this unit is approved it is my intention to drill a test well to a depth of 9100 feet or to the cambrain whichever is the lesser, said test to be located in the Northwest quarter of the Northwest quarter (Lot 4) of Section 5, T18NR5WN.M.P.M. It would be appricated if you would treat the enclose geological information as confindental information.

A copy of the Unit Agreement will be forwarded for your examnation of the near future. This unit will follow the Standard Form 30CFR226,12 with the latest revision and contain Only those changes requested by the United States Geological Survey or the State of New Mexico.

Very truly yours,

DOCKET MAILED

Oscar Abraham
For M. F. Abraham

5-10-63
~~Date~~
Enclosures:

2817
April 26, 1963

Subject: Star Lake Area

Proposed Star Lake Unit

McKinley County, New Mexico

Oil and Gas Conservation Commission (2)
State of New Mexico
State Land Office Building
Santa Fe, New Mexico

Gentlemen:

M. F. Abraham respectfully request approval by the Oil Conservation Commission of an Application for Designation of Unit Area for the proposed Star Lake Unit.

The proposed Unit Area comprises 22,887.56 acres, of which 14,847.68 acres are Federal Lands, 1286 acres are State of New Mexico lands, 1,735.92 acres are allotted Indian Lands, 430 acres are lands under the jurisdiction of the Bureau of Indian Affairs, and 4,014.56 acres are patented lands. We would appreciate your placing the application on your calendar for the May 22, 1963 Examiner Hearing.

Enclosed for your use in considering this application are 2 copies of the area and depth letter, which we are currently forwarding to the United States Geological Survey, together with the necessary attachments. If this unit is approved it is my intention to drill a test well to a depth of 9100 feet or to the cambrian whichever is the lesser, said test to be located in the Northwest quarter of the Northwest quarter (Lot 4) of Section 5, T18N R6W N. M. P. M. It would be appreciated if you would treat the enclosed geological information as confidential information.

A copy of the Unit Agreement will be forwarded for your examination of the near future. This unit will follow the Standard Form 30CFR228, 12 with the latest revision and contain only those changes requested by the United States Geological Survey or the State of New Mexico.

Very truly yours,

M. F. Abraham
For M. F. Abraham

224 First National Bank Building
Albuquerque, New Mexico

April 25, 1965

Subject: Star Lake Unit
McKinley County, New Mexico

Director
United States Geological Survey
Washington 25, D.C.

Through
Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Gentlemen:

M. F. Abraham respectfully requests approval of an Application for Designation of Unit Area for the subject Unit.

The proposed Unit Area comprises 22,357.56 acres, of which 14,047.03 acres are Federal lands, 2,250 acres are State lands, 1,735.92 acres are allotted Indian lands, 480 acres are lands under the jurisdiction of the Bureau of Indian Affairs, and 4,014.56 acres are patented lands. The Unit Area outlined on the enclosed Land Ownership Map shows the acreage in the tracts comprising the Unit Area. We are also enclosing a schedule showing the legal description and acreage of all the tracts in the proposed Unit Area.

I propose to drill a test well to a depth of 9100 feet or to the Cambrian, whichever is the lesser, to be located in the northwest quarter of the northwest quarter (lot 4) of Section 5, T. 18 N., R. 5 W., S.M.P.R. Inasmuch as the majority of the Federal leases expire on July 31, 1965, I wish to commence drilling the test well immediately upon obtaining approval of the Unit. In view of the early expiring leases your expeditious handling of this application will be greatly appreciated.

It is my intention to follow the Standard Form 30 U.F.R. 226.12 with the modification required pursuant to the Standard Form of Unit

2819
April 26, 1963 10 APR 1 1 PM 3 44

Subject: Star Lake Area
Proposed Star Lake Unit
McKinley County, New Mexico

Oil and Gas Conservation Commission (2)
State of New Mexico
State Land Office Building
Santa Fe, New Mexico

Gentlemen:

M. F. Abraham respectfully request approval by the Oil Conservation Commission of an Application for Designation of Unit Area for the proposed Star Lake Unit.

The proposed Unit Area comprises 22,857.56 acres, of which 14,847.08 acres are Federal Lands, 1280 acres are State of New Mexico lands, 1,736.92 acres are allotted Indian Lands, 430 acres are lands under the jurisdiction of the Bureau of Indian Affairs, and 4,014.56 acres are patented lands. We would appreciate your placing the application on your calendar for the May 22, 1963 Examiner Hearing.

Enclosed for your use in considering this application are 2 copies of the area and depth letter, which we are currently forwarding to the United States Geological Survey, together with the necessary attachments. If this unit is approved it is my intention to drill a test well to a depth of 9160 feet or to the cambrian whichever is the lesser, said test to be located in the Northwest quarter of the Northwest quarter (Lot 4) of Section 5, T18N R5W N. M. P. M. It would be appreciated if you would treat the enclosed geological information as confidential information.

A copy of the Unit Agreement will be forwarded for your examination of the near future. This unit will follow the Standard Form 30CFR226, 13 with the latest revision and contain only those changes requested by the United States Geological Survey or the State of New Mexico.

Very truly yours,

M. F. Abraham
For M. F. Abraham

224 First National Bank Building
Albuquerque, New Mexico

April 25, 1963

Subject: Star Lake Unit
McKinley County, New Mexico

Director
United States Geological Survey
Washington 25, D.C.

Through

Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Gentlemen:

M. F. Abraham respectfully requests approval of an Application for Designation of Unit Area for the subject Unit.

The proposed Unit Area comprises 22,357.56 acres, of which 14,847.08 acres are Federal lands, 1,280 acres are State lands, 1,735.92 acres are Allotted Indian lands, 480 acres are lands under the jurisdiction of the Bureau of Indian Affairs, and 4,014.56 acres are patented lands. The Unit Area outlined on the enclosed Land Ownership Map shows the acreage in the tracts comprising the Unit Area. We are also enclosing a schedule showing the legal description and acreage of all the tracts in the proposed Unit Area.

I propose to drill a test well to a depth of 9100 feet or to the Cambrian, whichever is the lesser, to be located in the northwest quarter of the northwest quarter (Lot 4) of Section 5, T. 18 N., R. 5 W., N.M.P.M. Inasmuch as the majority of the Federal leases expire on July 31, 1963, I wish to commence drilling the test well immediately upon obtaining approval of the Unit. In view of the early expiring leases your expeditious handling of this application will be greatly appreciated.

It is my intention to follow the Standard Form 30 U.F.S. 226.12 with the modification required pursuant to the Standard Form of Unit

Director
United States Geological Survey
Through
Supervisor
United States Geological Survey

2

Agreement (1961 reprint). Such form will contain only such modifications that might be required by your office and those of the State of New Mexico. By this letter I also request approval of this form of Unit Agreement and the depth and location of the proposed test.

To justify this proposed Unit I enclose, in triplicate, a geological report prepared by Mr. E. G. Hoskins, District Geologist of Shell Oil Company's Farmington District. It is requested that the information contained in this report be treated as confidential information.

Your earliest consideration to this request is respectfully requested.

Very truly yours,

M. F. Abraham

For M. F. Abraham

Enclosures

224 First National Bank Building
Albuquerque, New Mexico

April 25, 1963

Subject: Star Lake Unit
McKinley County, New Mexico

Director
United States Geological Survey
Washington 25, D.C.

Through

Supervisor
United States Geological Survey
Drawer 1857
Roswell, New Mexico

Gentlemen:

M. F. Abraham hereby respectfully requests approval of an
Application for Designation of Unit Area for the subject Unit.

The proposed Unit Area comprises 22,357.56 acres, of which
14,847.08 acres are Federal lands, 1,280 acres are State lands, 1,735.92
acres are Allotted Indian lands, 480 acres are lands under the jurisdiction
of the Bureau of Indian Affairs, and 4,014.56 acres are patented lands.
The Unit Area outlined on the enclosed Land Ownership Map shows the acreage
in the tracts comprising the Unit Area. We are also enclosing a schedule
showing the legal description and acreage of all the tracts in the pro-
posed Unit Area.

I propose to drill a test well to a depth of 9100 feet or to
the Cambrian, whichever is the lesser, to be located in the northwest
quarter of the northwest quarter (Lot 4) of Section 5, T. 18 N., R. 5 W.,
N.M.P.M.. Inasmuch as the majority of the Federal leases expire on
July 31, 1963, I wish to commence drilling the test well immediately
upon obtaining approval of the Unit. In view of the early expiring
leases your expeditious handling of this application will be greatly
appreciated.

It is my intention to follow the Standard Form 30 C.F.R. 226.12
with the modification required pursuant to the Standard Form of Unit

Director
United States Geological Survey
Through
Supervisor
United States Geological Survey

2

Agreement (1961 reprint). Such form will contain only such modifications that might be required by your office and those of the State of New Mexico. By this letter I also request approval of this form of Unit Agreement and the depth and location of the proposed test.

To justify this proposed Unit I enclose, in triplicate, a geological report prepared by Mr. E. G. Hoskins, District Geologist of Shell Oil Company's Farmington District. It is requested that the information contained in this report be treated as confidential information.

Your earliest consideration to this request is respectfully requested.

Very truly yours,

M. F. Abraham

For M. F. Abraham

Enclosures

424 First National Bank Building
Albuquerque, New Mexico

July 25, 1963

1963 JUL 25 PM 12 21

2819

State of New Mexico
Commissioner of Public Lands
Post Office Box 791
Santa Fe, New Mexico

Attention Mrs. Marian Rhea

Gentlemen:

We enclose for your files and information two photocopies of the United States Geological Survey's letter of July 19, 1963, whereby Arthur A. Baker, Acting Director, approved the Star Lake Unit Agreement which has been designated No. 14-08-0001-8533. You will note from the Survey's letter that the effective date of the approval was July 18, 1963.

Also enclosed please find two photocopies of Certification-Determination in connection with said Unit.

Very truly yours,

James E. Matthews
For M. F. Abraham

JEM:MPD

Enclosures

cc - Oil and Gas Conservation Commission ← THIS COPY FOR
Post Office Box 871
Santa Fe, New Mexico (w/enclosures)



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WASHINGTON 25, D. C.

1963 JUL 18 PM 12 31

JUL 19 1963

Mr. M. F. Abraham
424 First National Bank Building
Albuquerque, New Mexico

Dear Mr. Abraham:

On July 16, 1963, Vern S. Kubitz, Acting Assistant Area Director, Bureau of Indian Affairs, Gallup Area Office, and on July 18, 1963, Arthur A. Baker, Acting Director of the Geological Survey, approved the Star Lake unit agreement, McKinley County, New Mexico, filed by Snell Oil Company in your behalf. This agreement has been designated No. 14-08-0001-8533, and is effective as of the date of approval.

Please furnish the Oil and Gas Supervisor, Roswell, New Mexico, with six copies of the approval certificate executed by the Commissioner of Public Lands, State of New Mexico, for distribution to the appropriate Government offices.

Enclosed are three duplicate originals of the approved unit agreement for your records. It is requested that you furnish the State of New Mexico and any other interested principal with whatever evidence of this approval is deemed appropriate.

Of the unit operating agreements received here, enclosed are three surplus copies.

Sincerely yours,

For the Director

Enclosures

ILLEGIBLE

CERTIFICATION-DETERMINATION

14-08-0001 8533

Pursuant to the authority vested in the Secretary of Interior, under the act approved February 25, 1920, 41 Stat. 437, as amended, 30 U. S. C. secs. 181, et seq., and delegated to the Director of the Geological Survey pursuant to Departmental Order No. 2365 of October 8, 1947, I do hereby:

A. Approve the attached agreement for the development and operation of the Star Lake Unit Area, State of New Mexico.

B. Certify and determine that the unit plan of development and operation contemplated in the attached agreement is necessary and advisable in the public interest for the purpose of more properly conserving the natural resources.

C. Certify and determine that the drilling, producing, rental, minimum royalty, and royalty requirements of all Federal leases committed to said agreement are hereby established, altered, changed, or revoked to conform with the terms and conditions of this agreement.

Date JUL 18 1963.

Acting

John B. Baker
Director, United States Geological Survey

BUREAU OF INDIAN AFFAIRS
GALLUP AREA OFFICE

GALLUP, NEW MEXICO

APPROVED

JUL 16 1963

Vern S. Kubitz

Vern S. Kubitz
AREA DIRECTOR

ACTING ASSISTANT

ILLEGIBLE

424 First National Bank Building
Albuquerque, New Mexico

2819

July 10, 1963 PM 4:14

Subject: Star Lake Unit
McKinley County, New Mexico
Application for Final Approval

100-111-415
JUL 11 4 15 PM '63

State of New Mexico
Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

Attention Mr. A. L. Porter, Jr.
Secretary-Director

Gentlemen:

On May 28, 1963, M. F. Abraham received approval of the Star Lake Unit Agreement pursuant to the Application in Case No. 2819 as per Oil Conservation Commission Orders No. R-2493. The State Land Commissioner of the State of New Mexico and the United States Geological Survey have also given their approval to the Unit. It is now our intention to seek final approval of this Unit and in this regard we enclose an executed copy of the Unit Agreement and Unit Operating Agreement. Also enclosed is a copy of a letter to the United States Geological Survey requesting their approval. Your early approval will be greatly appreciated inasmuch as we wish to commence our test well, which is to be located in the NW/4 NW/4 (Lot 4) of Section 5, T. 18 N., R. 5 W., N.M.P.M., before July 31, 1963. This well will be drilled to a depth of 9100 feet or to the Cambrian formation.

M. F. Abraham as Operator of this Unit hereby respectfully requests that, in view of the foregoing, final approval of this Unit be granted effective as of the date of approval by the Oil Conservation Commission prior to July 31, 1963.

Very truly yours,

James E. Mathews

For M. F. Abraham

JEM:GC

Enclosures

cc - State of New Mexico
Commissioner of Public Lands
Post Office Box 791
Santa Fe, New Mexico

424 First National Bank Building
Albuquerque, New Mexico

July 10, 1963

Subject: Star Lake Unit
McKinley County, New Mexico
Application for Final Approval

State of New Mexico
Commissioner of Public Lands
Post Office Box 791
Santa Fe, New Mexico

Attention Mrs. Marian Rhea

Gentlemen:

On June 11, 1963, M. F. Abraham received approval as to form and content of the Star Lake Unit Agreement. The Oil Conservation Commission of the State of New Mexico and the United States Geological Survey have also given their approval to the Unit. It is now our intention to seek final approval of this Unit and in this regard we enclose two executed copies of the Unit Agreement and Unit Operating Agreement. Also enclosed is a copy of our letter to the United States Geological Survey requesting their approval. Your early approval will be greatly appreciated inasmuch as we wish to commence our test well, which is to be located in the NW/4 NW/4 (Lot 4) of Section 5, T. 18 N., R. 5 W., N.M.P.M., on or before July 31, 1963. This well will be drilled to a depth of 9100 feet or to the Cambrian formation.

M. F. Abraham, as Operator of this Unit, hereby respectfully requests that, in view of the foregoing, final approval of this Unit be granted effective as of the date of approval by the Commissioner of Public Lands, prior to July 31, 1963.

Very truly yours,

James E. Mathews

For M. F. Abraham

JEM:MPD

Enclosures

cc - State of New Mexico ← THIS COPY FOR
Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

424 First National Bank Building
Albuquerque, New Mexico

July 10, 1963

Subject: Star Lake Unit
McKinley County, New Mexico
Application for Final Approval

Director
United States Geological Survey
Washington 25, D. C.

Through

Supervisor
United States Geological Survey
Post Office Drawer 1857
Roswell, New Mexico

Gentlemen:

On June 6, 1963, M. F. Abraham received approval of the Star Lake Unit as a logical unit area from Arthur A. Baker, Acting Director of the United States Geological Survey in Washington, D. C. We have also received approval in this regard from the Oil Conservation Commission of the State of New Mexico and the State Land Commissioner's office.

The Unit Area encompasses 23,959.58 acres of which 16,287.08 acres, or 67.98 per cent, are Federal land; 1,280.00 acres, or 5.34 per cent, are State land; 1,735.92 acres, or 7.25 per cent are Allotted Indian lands; and 4,656.58 acres, or 19.43 per cent are Patented lands.

Of this acreage we have received commitments from 83.7 per cent of the working interest owners; an additional 4.7 per cent have indicated their willingness to join the Unit but it appears that we will not have time to secure their signatures before approval of the Unit is requested; 11.6 per cent of the acreage cannot be committed (5.2 per cent have refused to join and 6.4 per cent is either open Indian Allotted lands or land under jurisdiction of Indian Affairs or State of New Mexico land and cannot be leased until a sale is held). A sale of the Indian acreage has been requested.

Pan American Petroleum Corporation, owner of Tract 37 (560.00 acres), British American Oil Producing Company, owner of Tract 28 (160.00 acres), F. J. Bradshaw, owner of Tract 24 (320.00 acres), and Sunray DX Oil Company, owner of Tract 14 (40.00 acres), and Tract 32 (160.00 acres) have refused to join the Unit. All overriding royalty owners have joined the Unit.

Director
United States Geological Survey
Through
Supervisor
United States Geological Survey

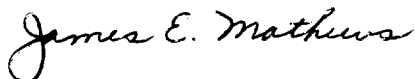
2

Early approval of this Unit is requested in order that a test well, to be drilled to a depth of 9100 feet or to a depth sufficient to penetrate the Cambrian formation, can be commenced on or before July 31, 1963. This test shall be located in the NW/4 NW/4 (Lot 4) of Section 5, T. 18 N., R. 5 W., N.M.P.M. We request that approval of this Unit be granted effective as of the date of approval by the Director and prior to July 31, 1963, as we have several leases expiring on this date, which we hope to extend for an additional two-year period as a result of the leases being segregated when the Unit is approved.

In this connection we enclose nine copies of the Unit Agreement and the Unit Operating Agreement which have been executed by the consenting working interest owners together with consents committing the overriding royalty owners' interest to the Unit. We also enclose letters from those owners refusing to join and a letter from the Santa Fe Railroad indicating their willingness to join but cannot do so because of the time factor.

M. F. Abraham as Operator of this Unit respectfully requests the Star Lake Unit receive final approval effective as of the date of the approval by the Director and prior to July 31, 1963, if at all possible.

Very truly yours,



For M. F. Abraham

JEM:GC

Enclosures

424 First National Bank Building
Albuquerque, New Mexico

June 12, 1963

Subject: Star Lake Unit
McKinley County, New Mexico

SEE ATTACHED MAILING LIST

We enclose for your consideration one copy of that certain Unit Agreement for the Development and Operation of the Star Lake Unit, County of McKinley, State of New Mexico, and one copy of that certain Unit Operating Agreement, Star Lake Unit Area, County of McKinley, State of New Mexico. In this connection we would appreciate your giving your consideration to joining this Unit and Unit Operating Agreement as a working interest owner. Extra copies of the signature pages for both the Unit and Unit Operating Agreement are enclosed for your use in committing your interest. Please execute twelve copies each of the enclosed signature pages, have your signature notarized by a Notary Public and return same to us at the earliest possible date as we wish to obtain final approval of this Unit Agreement before June 30, 1963.

M. F. Abraham shall be the Unit Operator; however, after the first test well is completed it is intended that Shell Oil Company will succeed as Unit Operator of the Unit.

The Star Lake Unit, outlined on Exhibit "A" attached to said Agreements, comprises an area of 23,959.58 acres and was approved by the United States Geological Survey as an area logically subject to exploration and development under the unitization provision of the Mineral Leasing Act, as amended, on June 6, 1963. Both the New Mexico Oil Conservation Commission and the New Mexico State Land Commissioner's office have given their approval to this Unit.

The Unit Agreement is the standard Form 30 C.F.R. 226.12 with only modifications required by the State of New Mexico and the Bureau of Indian Affairs, while the Unit Operating Agreement is on the Rocky Mountain

Unit Operating Agreement Form 2 (Divided Interest), January 1955. The initial test well under this Agreement is to be commenced within six months from date hereof; however, it is our intention to start this well prior to July 31, 1963. Said test is to be drilled to a sufficient depth to test the Cambrian or 9100 feet, whichever is the lesser depth.

In view of the pressing time factor (which is predicated by early expiring leases), your earliest attention to this matter will be greatly appreciated.

Very truly yours,

James E. Mathews
For M. F. Abraham

JEM:BC

Enclosures

I do not wish to sign as a working interest owner, as it may hurt the sale I am trying to make.

F. J. Bradshaw

F. J. Bradshaw

Sunray DX Oil Company

District Office



P. O. Box 1416
Roswell, New Mexico - 88201

June 27, 1963

Mr. James E. Mathews
District Land Agent
Shell Oil Company
P. O. Box 1200
Farmington, New Mexico

RE: Shell's Proposed Star Lake Unit
McKinley County, New Mexico

Dear Mr. Mathews:

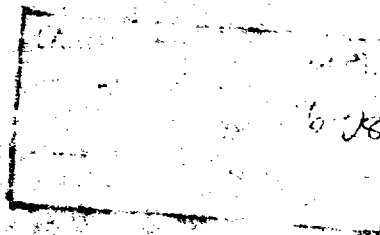
I am advised by our management that Sunray does not wish to participate in your proposed Star Lake Unit. We therefor return all instruments in this connection.

Very truly yours,

A. L. (Fred) Hallman, Jr.
District Landman

ALH:bl

Enclosures



PAN AMERICAN PETROLEUM CORPORATION

Post Office Box 480
Farmington, New Mexico
June 21, 1963

Re: Proposed Star Lake Unit
McKinley County,
New Mexico

Shell Oil Company
P. O. Box 1200
Farmington, New Mexico

Attention: Mr. J. E. Mathews

Gentlemen:

We have considered your request that we join our 560
acres in your proposed Star Lake Unit and wish to advise that
at the present time we decline joining in this unit.

Very truly yours,

PAN AMERICAN PETROLEUM CORPORATION
J. W. Durkee, District Landman.

By: _____
B. F. Pracko

BFP:eh

THE BRITISH-AMERICAN OIL PRODUCING COMPANY

DENVER CLUB BUILDING

DENVER 1, COLORADO

EXPLORATION DEPARTMENT

June 18, 1963

ADDRESS ALL CORRESPONDENCE TO
POST OFFICE BOX 180

Shell Oil Company
P. O. Box 1200
Farmington, New Mexico

Attention: F. W. Hantker
Division Land Manager

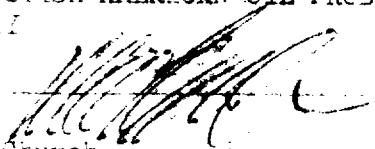
Re: Your proposed Star Lake Unit
Hedden County, New Mexico

Gentlemen:

This is to advise you that British-American does not desire
to commit our interest to and join your proposed unit.

Very truly yours,

THE BRITISH-AMERICAN OIL PRODUCING
COMPANY


F. A. Church
District Landman

FAC/ur

2
1
[]