

NOAB 4x8-A 1225

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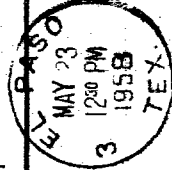
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ST OFFICE DEPARTMENT  
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Mo 13 8-B 1225

INSTRUCTIONS TO DELIVERING EMPLOYEE

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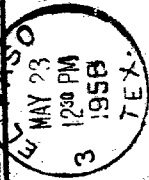
MAY 23 1958

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ST. OFFICE DEPARTMENT  
OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID  
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903301  
64628  
Dallas, Texas

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1. SIGNATURE OR NAME OF ADDRESSEE

X *Shelley Oil*

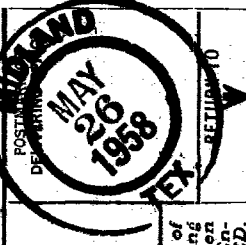
2. SIGNATURE OF ADDRESSEE'S AGENT (Agent should enter addressee's name in item 1 above)

*Stanley Redwine*  
MAY 20 1958

3. DELIVERY DATE

ST OFFICE DEPARTMENT  
OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID  
PAYMENT OF POSTAGE \$300



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CERTIFIED NO.	STREET AND NO. OR P.O. BOX
903294	Box 628
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	Dallas, Texas

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RECEIPT  
Record of this receipt must be registered, certified, or insured  
Article, the number of which appears on the face of this return  
receipt CASE NO. 1225

1. SIGNATURE OF ADDRESSEE

X B. B. Smith, Jr.

2. SIGNATURE OF ADDRESSEE'S AGENT (Agent should enter addressee's name in item 4 above)

Carman O. Damm

3. DELIVERY DATE

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POST OFFICE DEPARTMENT  
OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID  
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<p>INSTRUCTIONS—Show name, address and number of article below. Complete "Instructions to Delivering Employees" on other side, when applicable. Moistened gummed ends and securely attach to back of article. Close front of article RETURN RECEIPT REQUESTED.</p>		<p>POSTMARK OF DELIVERING OFFICE</p> <p>MAY 26 1958</p> <p>ST. LOUIS, MO.</p>	
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REGISTERED NO.	NAME OF SENDER
CERTIFIED NO.	STREET AND NO. OR P.O. BOX
INSURED NO.	CITY, ZONE, AND STATE

PD Form 3811, Dec. 1955

*Patent Application Co.*  
*P.O. Box 628*  
*Chileno, Texas*



**INSTRUCTIONS TO ADDRESSEE**

- ☐ DELIVER ONLY TO ADDRESSEE (20¢ additional)  
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Received by \_\_\_\_\_  
Article, the number of which appears on the face of this receipt. CASE NO. 8-5

1. SIGNATURE OF ADDRESSEE

X Robert H. Gibson

2. SIGNATURE OF ADDRESSEE'S AGENT (Agent should enter addressee's name in item 1 above)

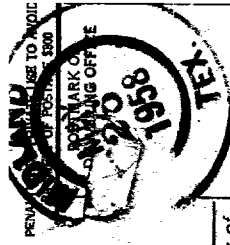
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MAY 20 1958

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POST OFFICE DEPARTMENT  
OFFICIAL BUSINESS



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RETURN TO



REGISTERED NO.

NAME OF SENDER

CERTIFIED NO.

STREET AND NO. OR P.O. BOX

INSURED NO.

CITY, ZONE, AND STATE

*Walter E. Exploration Co.*

*903300*

*P.O. Box 628*

*Chillicothe, Texas*

Chad 1825

*Utex Exploration Company*

PETROLEUM DIVISION  
ROOM 25, BACON BUILDING  
P. O. BOX 628  
ABILENE, TEXAS

CHARLES A. STEEN  
PRESIDENT  
CHIEF GEOLOGIST

T. R. HAVINS, JR.  
MGR. LAND AND PRODUCTION DEPARTMENTS

J. C. ASHBY  
GENERAL MANAGER

February 28, 1957

New Mexico Oil Conservation Commission  
125 Mabry Hall  
Capitol Building  
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

This letter amends our application of February 21, 1957 for a hearing on a pilot waterflood project in the High Lonesome Pool, T. 16 S., R. 29 E., Eddy County, New Mexico.

In addition to approval of the matters included in the February 21st application, approval is asked for the following unorthodox locations, each of which will be used as a water injection well:

- ✓ No. 12-W Davis Federal, 1310 feet from N. & W. lines Sec. 15.  
No. 22-W Davis-Federal, 2630 feet from N. and 1310 feet from W. lines Sec. 15.  
No. 13-W Skelly-State, 1310 feet from N. and 10 feet from E. lines Sec. 16.  
✓ No. 14-W Skelly-State, 1310 feet from N. and <sup>1330</sup>~~2650~~ feet from E. lines Sec. 16.  
No. 23-W Skelly-State, 2630 feet from N. and 10 feet from E. lines Sec. 16.  
✓ No. 24-W Skelly-State, 2630 feet from N. and <sup>1330</sup>~~2650~~ feet from E. lines Sec. 16.

Please set all of these matters for hearing at your earliest convenience. A hearing before an examiner will be acceptable with us.

Yours very truly,

*Thomas R. Havins, Jr.*  
Thomas R. Havins, Jr.  
for Moab Drilling Co.

# *Utex Exploration Company*

PETROLEUM DIVISION  
ROOM 25, BACON BUILDING  
P. O. BOX 628  
ABILENE, TEXAS

T. R. HAVINS, JR.  
MGR. LAND AND PRODUCTION DEPARTMENTS

CHARLES A. STEEN  
PRESIDENT  
CHIEF GEOLOGIST

J. C. ASHBY  
GENERAL MANAGER

February 21, 1957

New Mexico Oil Conservation Commission  
125 Mabry Hall  
Capitol Building  
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

Application is hereby made for permission to inaugurate a pilot water flood on 80 acres in the High Lonesome Field, Township 16 South, Range 29 East, Eddy County, New Mexico.

A plat is attached showing the proposed injection wells and producing wells. Our plans call for using our No. 7 Skelly-State and our No. 2 Davis-Federal wells as producing wells. The six injection wells have not been drilled. In this connection please be advised that No. 1 Davis-Federal will not be involved, since it is producing from the Seven Rivers formation. Names and addresses of nearby lease owners are attached to plat.

Production to be flooded is in the Queen Sand, which occurs at 1885 feet in No. 7 Skelly-State and at 1900 feet in No. 2 Davis-Federal.

Copies of Gamma Ray-Neutron logs of the two producing wells are enclosed. Logs of the injection wells will be furnished as they are drilled.

In our injection wells, our plans call for setting 8 5/8" surface casing to a depth of 350 feet approximately, with cement being circulated to surface. We plan to run 4 1/2" 9.5 pound continuous weld casing through the sand, with cement to be circulated to the surface. Casing will be tested in conventional manner. Injection will be through perforations.

It is contemplated that approximately 150 barrels of salt water per day will be injected into each input well.


We have recently developed a water source at a point 1700 feet from the east line and 1200 feet from the north line of Section 16, Township 16 South, Range 29 East. Water was encountered at 310 feet, and is estimated at 1500 barrels per day. Further testing is planned. Samples are now in process of being tested for salinity.

Operator for the project is Moab Drilling Company, of Moab, Utah. Correspondence should be sent to Moab Drilling Company, c/o Utex Exploration Company, Box 628, Abilene, Texas.

It is requested that a hearing be set on this proposed pilot flood at your earliest convenience. A hearing in either Santa Fe or Hobbs will be convenient with us.

If there is other information you need in this matter, please feel free to call on us.

Yours very truly,



T. R. Havins, Jr.  
For Moab Drilling Company

TRHms

Encls.

cc: Messrs. Charles A. Steen  
Moab Drilling Company  
Moab, Utah

A. M. Speir  
Box 1268  
Artesia, New Mexico

Donnan Stephenson  
Box 669  
Santa Fe, New Mexico

State Engineer of New Mexico  
Attention: Mr. Frank Irby  
State of New Mexico  
Box 791  
Santa Fe, New Mexico

Commissioner of Public Lands  
Attention: Mr. W. O. Jordan  
Box 791  
Santa Fe, New Mexico

LEASE OWNERS IN AREA OF PROPOSED PILOT FLOOD AREA:

Section 9 - Paul Davis, 225 First National Bank Building,  
Midland, Texas.

Section 10, SW $\frac{1}{4}$ SW $\frac{1}{4}$  - Moab Drilling Company, Box 628,  
Abilene, Texas.

Section 10, NW $\frac{1}{4}$ SW $\frac{1}{4}$  and E $\frac{1}{2}$ SW $\frac{1}{4}$  Paul Davis, 225 First National  
Bank Building, Midland, Texas.

Section 10, SE $\frac{1}{4}$  - Collier Drilling Company, Box 798, Artesia,  
New Mexico.

Section 15, E $\frac{1}{2}$  - William Barnhill, Moab, Utah.

Section 10, E $\frac{1}{2}$ SW $\frac{1}{4}$  - Utex Exploration Company, Box 628, Abilene,  
Texas, and Standard Uranium Corporation,  
Moab, Utah (Utex is operator).

Section 10, SW $\frac{1}{4}$ SW $\frac{1}{4}$  - John H. Trigg, Roswell, New Mexico.

Section 10, NW $\frac{1}{4}$ SW $\frac{1}{4}$ , and NW $\frac{1}{4}$  - Moab Drilling Company, Box 628,  
Abilene, Texas.

Section 16, N $\frac{1}{2}$  and SE $\frac{1}{4}$  - Moab Drilling Company, Box 628,  
Abilene, Texas.

Section 16, SW $\frac{1}{4}$  - Charles A. Steen (Utah Unit), Box 628,  
Abilene, Texas.

*Case file*

1225

HARRY L. BIGBEE  
DONNAN STEPHENSON

TELEPHONE 3-6333

ASSOCIATE  
MATIAS A. ZAMORA

ATTORNEYS AT LAW  
BOKUM BUILDING  
142 WEST PALACE AVENUE  
P. O. BOX 669  
SANTA FE, NEW MEXICO

ASSOCIATE IN ALBUQUERQUE, NEW MEXICO  
QUINCY D. ADAMS

March 20, 1957

Chairman  
Oil Conservation Commission  
125 Mabry Hall  
Capitol Building  
Santa Fe, New Mexico

Re: Application of Moab Drilling Company for a Pilot Water  
Flood Project in the High Lonesome Pool, Eddy County,  
New Mexico  
New Mexico Oil Conservation Commission Docket No. 1225.

Dear Sir:

The above matter came on for hearing at Santa Fe at ten o'clock, A. M., on March 20, 1957, before Daniel S. Nutter, Examiner. There were no protests encountered with respect to any phase of the application.

Reference to your files will show that the application in the above matter was originally dated February 21, 1957, that said application was thereafter amended on February 28, 1957, and again on March 13, 1957. These amendments related to the proposed location of injection wells. The application as amended, together with the record in the above case, shows that it is the intention to drill six of such wells, four of which will be situated upon a state lease described therein.

The applicant within the next two or three days expects to have a rig available for the purpose of drilling these injection wells. It is proposed to first drill wells on the state lease. We hereby make request for permission to commence the drilling of injection wells, pending and subject to the entry of an order on the above docket number and also of course subject to prior filing of notices of intention to drill in your Artesia office with respect to such of said injection wells as fall within your jurisdiction. These notices will be expeditiously filed by Mr. A. M. Speir of Artesia.

Very truly yours,

*Donnan Stephenson*  
Donnan Stephenson

DS:ik

cc - Utex Exploration Company, Inc.

P. O. Box 628, Abilene, Texas

Attention: Mr. T. R. Havins, Jr.

cc - Utex Exploration Company, Inc.

P. O. Box 1268, Artesia, New Mexico

Attention: Mr. A. M. Speir

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

April 15, 1957

Mr. Donnan Stephenson  
Bigbee & Stephenson  
P.O. Box 669  
Santa Fe, New Mexico

Dear Sir:

On behalf of your client, Moab Drilling Company, we enclose two copies of Order R-975 issued April 12, 1957, by the Oil Conservation Commission in Case 1225, which was heard on March 20th.

Very truly yours,

A. L. Porter, Jr.  
Secretary - Director

bp  
Encls.

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*Utex Exploration Company*

PETROLEUM DIVISION  
ROOM 25, BACON BUILDING  
P. O. BOX 628  
ABILENE, TEXAS

*Case # 1225*

T. R. HAVINS, JR.  
MGR. LAND AND PRODUCTION DEPARTMENTS

CHARLES A. STEEN  
PRESIDENT  
CHIEF GEOLOGIST

J. C. ASHBY  
GENERAL MANAGER

March 13, 1957

New Mexico Oil Conservation Commission  
125 Mabry Hall  
Capitol Building  
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

This letter amends our application of February 21, 1957, and our application for amendment of February 28, 1957, Case No. 1225, concerning a pilot water flood in the High Lonesome Pool, Eddy County, New Mexico.

We desire to change the locations of two of the proposed water injection wells. New locations we desire are:

No. 14-W Skelly-State, 1310 feet from north line and 1330 feet from east line of Section 16.

No. 24-W Skelly-State, 2630 feet from north line and 1330 feet from east line of Section 16.

Yours very truly,

*T. R. Havins, Jr.*

T. R. Havins, Jr.  
For Moab Drilling Company

*Donnan Stephenson  
Mr. Charles A. Steen  
Mr. A. M. Speir  
State Engineer of New Mexico  
Commissioner of Public Lands*

cc: Mr. Donnan Stephenson, Box 669, Santa Fe, New Mexico  
Mr. Charles A. Steen, Moab Drilling Company, Moab, Utah  
Mr. A. M. Speir, Box 1268, Artesia, New Mexico  
State Engineer of New Mexico, Box 791, Santa Fe, New Mexico  
Attention: Mr. Frank Irby  
Commissioner of Public Lands, Box 791, Santa Fe, New Mexico  
Attention: Mr. W. C. Jordan

DOCKET: EXAMINER HEARING MARCH 20, 1957

Oil Conservation Commission 10:00 a.m., Mabry Hall, State Capitol, Santa Fe

The following cases will be heard before Daniel S. Nutter, Examiner:

CASE 1224: Application of Wilshire Oil Company of Texas for approval of its proposed Seven Rivers Hills Unit Agreement located in Eddy County, New Mexico, in accordance with Rule 507 of the New Mexico Oil Conservation Commission Statewide Rules and Regulations. Applicant, in the above-styled cause, seeks an order granting approval of its Seven Rivers Hills Unit Agreement embracing 10,995.88 acres, more or less, of federal and state lands situated in all or portions of Sections 19, 20, 21, 22, 27, 28, 29, 30, 31, 32 and 33, Township 20 South, Range 26 East, and all or portions of Sections 3, 4, 5, 6, 7, 8, 9 and 18, Township 21 South, Range 25 East, all in Eddy County, New Mexico.

*TK  
H  
Bridger*

CASE 1225: Application of Moab Drilling Company for an order authorizing a pilot waterflood project in the High Lonesome Pool, Eddy County, New Mexico, in exception to Rule 701 of the New Mexico Oil Conservation Commission Statewide Rules and Regulations, and further, approval for the drilling of several unorthodox locations for water injection wells in said pool. Applicant, in the above-styled cause, seeks an order authorizing a pilot waterflood project in the Queen formation of the High Lonesome Pool, said project to be effected by means of water injection through the drilling of approximately six wells in Sections 15 and 16, Township 16 South, Range 29 East, Eddy County, New Mexico. Applicant also seeks Commission approval for the drilling of these six unorthodox locations to serve as the water injection wells in the High Lonesome Pool.

CASE 1226: Application of Magnolia Petroleum Company for permission to move distillate off the lease before being measured, to produce more than eight wells into a single tank battery and for permission to commingle distillate from the Blanco Mesaverde Gas Pool and an undesignated Pictured Cliffs Gas Area in Rio Arriba County, New Mexico, in exception to Rules 303, 304 and 309 of the New Mexico Oil Conservation Commission Rules and Regulations. Applicant, in the above-styled cause, seeks an order to move and commingle the distillate produced from the Pictured Cliffs and Mesaverde formations from its Cheney-Federal lease covering SE/4, SE/4 NE/4, and E/2 SW/4 Section 4, E/2 and SW/4 Section 8, W/2 and W/2 E/2 Section 9, and All Sections 16 and 17, Township 26 North, Range 2 West, to a separate tank battery on its

CASE 1226:  
Continued

Jicarilla "H" Lease in the SE/4 of Section 2, Township 26 North, Range 3 West; applicant further desires to move the distillate produced from the Pictured Cliffs and Mesaverde formations from its Jicarilla "D" Lease covering All Sections 13, 14, 23, and 24, Township 26 North, Range 3 West, to its Jicarilla "H" Lease, covering All Sections 1, 2, 11, and 12, Township 26 North, Range 3 West, and to commingle the production from the said two leases in a common tank battery in the SE/4 of Section 2, Township 26 North, Range 3 West; Applicant further desires to move distillate produced from the Pictured Cliffs and Mesaverde formations from its Jicarilla "E" Lease, covering All Sections 11, 12, 13, 14, and the S/2 of Section 15, Township 27 North, Range 3 West, and its Jicarilla "F" Lease, covering All Sections 22, 23, 24, and 27, Township 27 North, Range 3 West, to its Jicarilla "G" Lease covering All Sections 25, 26, 35, and 36, Township 27 North, Range 3 West, and to commingle the production from the said three leases in a common tank battery in the SE/4 Section 26, Township 27 North, Range 3 West, all in the Blanco Mesaverde Gas Pool and an undesignated Pictured Cliffs Gas Area, Rio Arriba County, New Mexico.

ir/

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Date 3/27/57


CASE 1225

Hearing Date 3/26/57

My recommendations for an order in the above numbered cases are as follows:

Enter an order approving the pilot water flood proposed by Moab Drilg Co in this case. Also approve the unorthodox locations for 6 5 spot injection wells. The project as proposed will cause no violation of correlative <sup>interest</sup> nor waste, and will in fact result in the recovery of considerable oil which will not otherwise be recovered. (Applicant's engineering report, Exhibit 4, states that upon abandonment of the project, 300,000 barrels of oil will have been recovered as the direct result of water injection.)

The area is not in a declared water basin so presumably the use of water from wells will cause no damage to water ~~resources~~ <sup>reserves</sup> in the area. It is reported that the injection water is of brackish nature.

  
Staff Member  
Examiner

DSN

for Examiner  
Recommendation

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Date 3/25/57

CASE 1225

Hearing Date 10am on 3/27/57 @ S.F.  
before DSN

My recommendations for an order in the above numbered cases are as follows:

OK to write order of approval of pilot  
water flood & 6 unorthodox  
locations.

Have report monthly on flood.

Wanum Mante  
Staff Member

1225

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

March 5, 1957

*TK Please*

Mr. Frank E. Irby  
State Engineer Office  
P.O. Box 1079  
Santa Fe, New Mexico

Dear Mr. Irby:

The application of Utex Exploration Company (Moab Drilling Company) has been assigned Case No. 1225 and will be heard on March 20, 1957, at 10:00 a.m. in Mabry Hall by Daniel S. Nutter, Examiner.

Very truly yours,

A. L. Porter, Jr.  
Secretary - Director

bp

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STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS  
STATE ENGINEER

ADDRESS CORRESPONDENCE TO:

P. O. BOX 1079

SANTA FE, N. M.

February 25, 1957

Oil Conservation Commission  
State Capitol  
Santa Fe, N. M.


Attn. Mr. Porter

Dear Mr. Porter:

Would appreciate your notifying this office what date,  
time and place hearing will be held on the application  
of Utex Exploration Company for its flood program in the  
High Lonesome Pool.

Very truly yours,

S. E. Reynolds  
State Engineer

By:   
Frank E. Irby  
Chief  
Water Rights Division

FEI/ma

*Utex Exploration Company, Inc.*

PETROLEUM DIVISION  
ROOM 25, BACON BUILDING

P. O. BOX 628  
ABILENE, TEXAS

CHARLES A. STEEN  
PRESIDENT  
CHIEF GEOLOGIST

Case # 1225

T. R. HAVINS, JR.  
MGR. LAND AND PRODUCTION DEPARTMENTS

J. C. ASHBY  
GENERAL MANAGER

March 5, 1957

Mr. R. E. Canfield  
Acting Oil & Gas Supervisor  
United States Geological Survey  
P. O. Box 6721  
Roswell, New Mexico

Dear Sir:

Several days ago Mr. Archie M. Speir, our engineer in Artesia, was in your office to discuss a proposed pilot water flood project contemplated by Moab Drilling Company in the High Lonesome Field, Eddy County, New Mexico.

This letter is written to bring you up to date on plans for the proposal:

Enclosed please find the following:

1. Copy of letter dated February 21, 1957, to New Mexico Oil Conservation Commission requesting that a hearing be set on the pilot flood.
2. Copy of letter dated February 28, 1957, to New Mexico Oil Conservation Commission amending the application for hearing.

Please note that 40 acres of State land are involved in the pilot flood, as well as 40 acres of Federal land.

Our present water source well is on State land. However, we anticipate needing a larger amount of water when our capacity flood is activated. It is my understanding that under our lease, Federal Las Cruces 068677, we may produce water for use in the flood from any wells we may drill in NW $\frac{1}{4}$  of Section 16.

It is my further understanding that the same rights will apply under Federal Las Cruces 046119(a), S $\frac{1}{2}$  Section 17 and N $\frac{1}{2}$  Section 20, and Federal Las Cruces 062996(b), N $\frac{1}{2}$  Section 17. These leases are owned by Charles A. Steen, who is also owner of Moab Drilling Company.

We do not have any plans for immediate drilling of water source wells on these lands, but do anticipate that more wells may be necessary at a later date.



I have not been notified officially as yet, but it is my understanding that the hearing before the Oil Conservation Commission will likely be held in Santa Fe on March 21, 1957.

In connection with the amended application referred to above, please be advised that the locations of the proposed injection wells were changed at the suggestion of your office and the Oil Conservation Commission.

If there is any other information that I can supply you in this connection, please feel free to call on either me or Mr. Speir in Artesia.

If you have no objection to our proceeding with our plans as outlined in this letter and the two letters enclosed, I will appreciate your writing me to that effect. In case you do have any objections, I would appreciate knowing of them in order that we may do whatever is necessary to eliminate the causes.

Yours very truly,

*T. R. Havins, Jr.*

T. R. Havins, Jr.  
For Moab Drilling Company

TRHms

Encls.

cc: A. M. Speir  
Box 1268  
Artesia, New Mexico

Mr. A. L. Porter, Jr. ✓  
New Mexico Oil Conservation Commission  
125 Mabry Hall  
Capitol Building  
Santa Fe, New Mexico

Mr. Donnan Stevenson  
Box 669  
Santa Fe, New Mexico

Mr. C. A. Steen  
Box 487  
Moab, Utah

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

October 28, 1958

C  
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P  
Y  
  
Mr. Jack Campbell  
Campbell & Russell  
P.O. Box 721  
Roswell, New Mexico

Dear Mr. Campbell:

On behalf of your clients, we enclose two copies of each of the following orders issued by the Oil Conservation Commission on October 25, 1958:

Order R-975-C in Case 1225  
Order R-1267 in Case 1511

These cases were both heard on October 2nd before an examiner at Santa Fe.

Very truly yours,

A. L. Porter, Jr.  
Secretary - Director

bp  
Encls.

*Utex Exploration Company*

PETROLEUM DIVISION  
ROOM 25, BACON BUILDING  
P. O. BOX 628  
ABILENE, TEXAS

T. R. HAVINS, JR.  
MGR. LAND AND PRODUCTION DEPARTMENTS

CHARLES A. STEEN  
PRESIDENT  
CHIEF GEOLOGIST

J. C. ASHBY  
GENERAL MANAGER

CERTIFIED MAIL

August 29, 1958

BEFORE EXAMINER UTZ  
OIL CONSERVATION COMMISSION  
*MOAB* EXHIBIT NO. *3-A*  
CASE NO. *1225*

Miss Blanche McCallister  
Roswell, New Mexico

Dear Madam:

Moab Drilling Company has made application to the New Mexico Oil Conservation Commission for permission to drill No. 11-W Davis-Federal as an injection well in connection with the pilot waterflood operations now being carried on in the High Lonesome Pool in Sections 15 and 16, T16S, R29E, Eddy County, New Mexico.

Our proposed location will be 1310 feet from the North line and 2630 feet from the West line of Section 15. This location will be southwest of the William Barnhill, et al No. 2 McCallister-Federal in the North-west quarter of the Northeast quarter (NW $\frac{1}{4}$  NE $\frac{1}{4}$ ) Section 15. This well is being drilled to pick up our No. 5 Davis-Federal, which has responded to the waterflood operation.

I might point out that it is probable that the injection of water in this location will help the No. 2 McCallister well.

It is my understanding that a hearing will be held on this matter in the near future.

If you have no objection to our drilling and injecting water into the proposed No. 11-W, would you be so kind as to sign and return four copies of this letter.

Yours very truly,

*T. R. Havins, Jr.*  
T. R. Havins, Jr., For  
MOAB DRILLING COMPANY

TRH/fh

September *9th*, 1958.

The undersigned waives any objection to the above described plan to drill the No. 11-W Davis-Federal at the location described above and the use of this well as a wtr. injection well.

*Blanche McCallister*  
Blanche McCallister

*Utex Exploration Company*

PETROLEUM DIVISION  
ROOM 25, BACON BUILDING  
P. O. BOX 628  
ABILENE, TEXAS

CHARLES A. STEEN  
PRESIDENT  
CHIEF GEOLOGIST

T. R. HAVINS, JR.  
MGR. LAND AND PRODUCTION DEPARTMENTS

J. C. ASHBY  
GENERAL MANAGER

April 23, 1958

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

In Re: Pilot Waterflood Project,  
High Lonesome Pool,  
Sections 16 & 15,  
T16S, R29E, Eddy County,  
New Mexico.

Gentlemen:

Moab Drilling Company and Utex Exploration Company are now operating properties in a pilot waterflood in the above described areas as approved in Case No. 1225 by Order No. R-975.

Our engineers feel that this pilot flood area should include a water injection well in the vicinity of the Southeast corner of the Northwest quarter of the Southwest quarter (SE/Cor of the NW $\frac{1}{4}$  of the SW $\frac{1}{4}$ ) of Section 15. At this time we have a producing well, Utex No. 3 Donohue-Federal, in this vicinity, being located 330 feet from the north and west lines of the Southeast quarter of the Southwest quarter (SE $\frac{1}{4}$  SW $\frac{1}{4}$ ) of Section 15.

We would like permission to utilize this well as an injection well, since its production at this time is approximately one-half to one barrel per day. We feel that utilizing this well would save a considerable amount of money and would materially contribute to the overall recovery of oil from this flood.

If it is necessary for a hearing to be conducted on this matter, we will appreciate your setting a hearing at your earliest convenience either before an examiner or before the full commission, whichever you prefer. Should you need any additional information in this matter please feel free to call on us.

Yours very truly,

UTEX EXPLORATION COMPANY

*T. R. Havins, Jr.*

T. R. Havins, Jr.

TRH/fh  
ENC.

400 - 1215

*Utex Exploration Company, Inc.*

PETROLEUM DIVISION  
ROOM 25, BACON BUILDING  
P. O. BOX 628  
ABILENE, TEXAS

T. R. HAVINS, JR.  
MGR. LAND AND PRODUCTION DEPARTMENTS

APR 23 1958  
CHARLES A. STEEN  
PRESIDENT  
CHIEF GEOLOGIST

J. C. ASHBY  
GENERAL MANAGER

April 23, 1958

U. S. Geological Surveys  
P. O. Box 6721  
Roswell, New Mexico

In Re: High Lonesome Pool Waterflood.

Gentlemen:

This Company along with Moab Drilling Company is conducting a pilot waterflood project in the High Lonesome Pool, Eddy County, New Mexico, as per the enclosed plat. Our engineers feel that we need to have another injection well in the vicinity of the Southeast corner of the Northwest quarter of the Southwest quarter (SE/Cor of the NW $\frac{1}{4}$  of the SW $\frac{1}{4}$ ) of Section 15, Township 16 South, Range 29 East.

Our No. 3 Donohue Federal is a marginal producer of oil, consequently we are desirous of using this well as an injection well rather than going to the added expense of drilling an injection well only a short distance away. Our engineers feel that injecting water in the No. 3 Donohue Federal should materially increase the overall recovery from our No. 2 Donohue. This well in recent months has had a considerable increase in oil production since it is near our No. 22-W water injection well, which has an excellent sand section.

No. 4 Donohue-Federal was recently drilled, but up to this point we have not been able to make a producing well of it. At this time we are waiting on orders from management on this well.

We would like to point out that Moab Drilling Company No. 10 Shelly State is on a forty-acre (40) tract owned by the State of New Mexico. It is possible, of course, that by injecting water into No. 3 Donohue-Federal some water might be pushed from the Donohue Lease toward the Shelly State No. 10 well; however, it is the thinking of our engineers that oil will also be pushed in the direction of the No. 2 Donohue Federal well, and that the ultimate end will be a larger recovery from the No. 2 Donohue than will be possible without this injection.

With your agreement in this matter we plan to go to the New Mexico Oil Conservation Commission for permission to inject water in our No. 3 Donohue Federal.

Yours very truly,

UTEX EXPLORATION COMPANY

*T. R. Havins, Jr.*  
T. R. Havins, Jr.

TRH/th

cc: New Mexico Oil Conservation Commission

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Date 6-6-58

CASE 1225

Hearing Date 5-28-58

My recommendations for an order in the above numbered cases are as follows:

*Approve as requested.*

1. The Wtex - Donahue - Det # 3 <sup>NWSESW 15-165-29E</sup> the well they wish to convert to ~~an~~ injection well.  
This will provide a back-up well for the Wtex - Donahue - Det # 2 <sup>NWNESEW 15-165-29E</sup> and the Moat Drilling Co - Skelly St. # 10, Center <sup>NW SW 15-165-29E</sup>.
2. The Wtex # 2 ~~has~~ began to produce H<sub>2</sub>O + waste may occur if the well is not backed-up with a H<sub>2</sub>O injection well.
3. Use Ambassador No. 1 order as a guide.

*Christ. St.*

Staff Member

*Utex Exploration Company, Inc.*

PETROLEUM DIVISION  
ROOM 25, BACON BUILDING  
P. O. BOX 628  
ABILENE, TEXAS

T. R. HAVINS, JR.  
MGR. LAND AND PRODUCTION DEPARTMENTS

CHARLES A. STEEN  
PRESIDENT  
CHIEF GEOLOGIST

J. C. ASHBY  
GENERAL MANAGER

February 27, 1957

Mrs. Hazel Greene  
Box 271  
Midland, Texas

Dear Mrs. Greene:

This is to inform you that Moab Drilling Company is planning to install a pilot water flood project in the High Lonesome Field, Eddy County, New Mexico.

Enclosed find a plat showing the area to be affected.

A hearing has been requested before the New Mexico Oil Conservation Commission, but no date has been set at this time.

We plan to inject some 150 barrels of water per day into each of the six wells shown on the plat.

It is expected that recovery of oil from a water flood will materially increase the total recovery of the oil from the field.

Our present plans do not call for any unitization. We plan to space the injection wells in such a manner that it will not be necessary.

At this time we plan to flood only the 80 acres shaded on the plat. Should this pilot operation be successful it is expected that a larger area will be flooded.

If this plan meets with your approval, I will appreciate it if you will sign two copies of this letter in the space provided below and return them to this office.

Yours very truly,

*T. R. Havins Jr.*

T. R. Havins, Jr.  
For Moab Drilling Company

THH:ms

March 4, 1957.

The undersigned waives any objection to the above described pilot water flood program.

*Hazel Greene*  
Hazel Greene

RO 7

*Utex Exploration Company, Inc.*

PETROLEUM DIVISION  
ROOM 25, BACON BUILDING  
P. O. BOX 628  
ABILENE, TEXAS

T. R. HAVINS, JR.  
MGR. LAND AND PRODUCTION DEPARTMENTS

CHARLES A. STEEN  
PRESIDENT  
CHIEF GEOLOGIST

J. C. ASHBY  
GENERAL MANAGER

February 27, 1957

Mrs. Clara Phinixy Butcher  
1703 West Ohio  
Midland, Texas

Dear Mrs. Butcher:

This is to inform you that Moab Drilling Company is planning to install a pilot water flood project in the High Lonesome Field, Eddy County, New Mexico.

Enclosed find a plat showing the area to be affected.

A hearing has been requested before the New Mexico Oil Conservation Commission, but no date has been set at this time.

We plan to inject some 150 barrels of water per day into each of the six wells shown on the plat.

It is expected that recovery of oil from a water flood will materially increase the total recovery of the oil from the field.

Our present plans do not call for any unitization. We plan to space the injection wells in such a manner that it will not be necessary.

At this time we plan to flood only the 80 acres shaded on the plat. Should this pilot operation be successful it is expected that a larger area will be flooded.

If this plan meets with your approval, I will appreciate it if you will sign two copies of this letter in the space provided below and return them to this office.

Yours very truly,

*TRH*

T. R. Havins, Jr.  
For Moab Drilling Company

TRHms

March 4, 1957.

The undersigned waives any objection to the above described pilot water flood program.

*Clara Phinixy Butcher*  
Clara Phinixy Butcher

RO  
Sec 9



*Utex Exploration Company, Inc.*

PETROLEUM DIVISION  
ROOM 25, BACON BUILDING  
P. O. BOX 628  
ABILENE, TEXAS

T. R. HAVINS, JR.  
MGR. LAND AND PRODUCTION DEPARTMENTS

CHARLES A. STEEN  
PRESIDENT  
CHIEF GEOLOGIST

J. C. ASHBY  
GENERAL MANAGER

February 27, 1957

Mr. Myles A. Colligan  
106 East Pecan Street  
Midland, Texas

Dear Mr. Colligan:

This is to inform you that Moab Drilling Company is planning to install a pilot water flood project in the High Lanesome Field, Eddy County, New Mexico.

Enclosed find a plat showing the area to be affected.

A hearing has been requested before the New Mexico Oil Conservation Commission, but no date has been set at this time.

We plan to inject some 150 barrels of water per day into each of the six wells shown on the plat.

It is expected that recovery of oil from a water flood will materially increase the total recovery of the oil from the field.

Our present plans do not call for any unitization. We plan to space the injection wells in such a manner that it will not be necessary.

At this time we plan to flood only the 80 acres shaded on the plat. Should this pilot operation be successful it is expected that a larger area will be flooded.

If this plan meets with your approval, I will appreciate it if you will sign two copies of this letter in the space provided below, and return them to this office.

Yours very truly,

*TRHavins Jr*

T. R. Havins, Jr.  
For Moab Drilling Company

TRHms

March 4<sup>th</sup>, 1957.

The undersigned waives any objection to the above described pilot water flood program.

*Myles A. Colligan*  
Myles A. Colligan

*Utex Exploration Company, Inc.*

PETROLEUM DIVISION  
ROOM 25, BACON BUILDING  
P. O. BOX 628  
ABILENE, TEXAS

T. R. HAVINS, JR.  
MGR. LAND AND PRODUCTION DEPARTMENTS

CHARLES A. STEEN  
PRESIDENT  
CHIEF GEOLOGIST

J. C. ASHBY  
GENERAL MANAGER

February 27, 1957

Mr. Claude G. Hall  
Box 2041  
Midland, Texas

Dear Claude,

This is to inform you that Moab Drilling Company is planning to install a pilot water flood project in the High Lonesome Field, Eddy County, New Mexico.

Enclosed find a plat showing the area to be affected.

A hearing has been requested before the New Mexico Oil Conservation Commission, but no date has been set at this time.

We plan to inject some 150 barrels of water per day into each of the six wells shown on the plat.

It is expected that recovery of oil from a water flood will materially increase the total recovery of the oil from the field.

Our present plans do not call for any unitization. We plan to space the injection wells in such a manner that it will not be necessary.

At this time we plan to flood only the 80 acres shaded on the plat. Should this pilot operation be successful it is expected that a larger area will be flooded.

If this plan meets with your approval, I will appreciate it if you will sign two copies of this letter in the space provided below, and return them to this office.

Yours very truly,

*T. R. Havins, Jr.*

T. R. Havins, Jr.  
For Moab Drilling Company

6R, Feb  
Davis  
Skelly  
TRH  
March 2, 1957.

The undersigned waives any objection to the above described pilot water flood program.

*Claude G. Hall*  
Claude G. Hall



IN REPLY REFER TO:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

P. O. Box 187  
Artesia, New Mexico

March 12, 1957

Utex Exploration Company  
P. O. Box 628  
Abilene, Texas

Re: Proposed Water Flood Project  
Lease LC 068677, et al

Attention: Mr. T. R. Havins, Jr.

Gentlemen:

This will acknowledge receipt of your letter of March 5, via our Roswell office, advising of your plans to water flood your property, located on both State and Federal lands, in the High Lonesome Field, Eddy County, New Mexico.

The proposed water flood has been discussed informally on several occasions with your Mr. Speir in Artesia, New Mexico, and he has kept this office informed of your plans.

It is the policy to approve such plans subject to formal approval of the New Mexico Oil Conservation Commission, which you are now in the process of obtaining. Following formal approval by the Commission, it will then be necessary to furnish a Sunray Notice for approval of this office, stating therein that you wish to operate a pilot flood project to determine whether or not water flooding may be feasible. It will also be necessary to furnish Notices of Intention to Drill water input wells for those wells falling on Federal leases. However, the Department assumes no jurisdiction on those wells that may be drilled for a source of water for use in flooding operations.

Very truly yours,

JOHN A. FROST

John A. Frost  
District Engineer

JAF:mm

Copy to: U. S. Geological Survey  
Box 6721  
Roswell, New Mexico

New Mexico Oil Conservation Commission  
321 Carper Building  
Artesia, New Mexico

Mr. Archie Speir  
Artesia, New Mexico

LAW OFFICES OF

CAMPBELL & RUSSELL

J. P. WHITE BUILDING

ROSWELL, NEW MEXICO

20 November 1957

JACK M. CAMPBELL  
JOHN F. RUSSELL

TELEPHONES  
MAIN 2-4641  
MAIN 2-4642

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

Gentlemen:

On April 12, 1957, you issued Order No. R-975 authorizing a pilot water flood project in Sections 15 and 16 of Township 16 South, Range 29 East, N.M.P.M., High Lonesome Pool, Eddy County, New Mexico. This Order contained no reference to allowable production from the project.

One of the wells in the project, being the Donahue No. 2-K Well, is situated in the NE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 15, Township 16 South, Range 29 East. This well is the closest well to any water in-put well. The well is now showing considerable stimulation and a present single unit allowable will restrict the proper production of this well and result in loss of ultimate recovery. For this reason, we are hereby requesting the issuance of a temporary emergency Order by the Commission permitting the transfer of a top unit allowable from the Donahue No. 3-N Well situated in the SE $\frac{1}{4}$ SW $\frac{1}{4}$  of the said Section 15 to the Donahue No. 2-K Well unit and the assignment of a top allowable to the Donahue No. 2-K Well. This will result in a 74-barrel allowable for the balance of this month, which should be adequate to properly produce this well.

We realize that the Order can be effective only for a period of 15 days and we therefore request that the matter be set down for an Examiner hearing on December 6th in Santa Fe, or at such other time or place that the Commission may see fit, within the 15-day emergency period.

You are advised that we are this week filing an application to the Commission for an Examiner hearing on capacity allowables for the producing wells in this project. In view of the fact that in-put wells have been drilled as a part of the project, it is not felt that a project allowable, based only upon the producing wells, would be adequate.

Very truly yours,

CAMPBELL & RUSSELL

By: 

Attorneys for  
Moab Drilling Company

JMC:bb  
Enclosures

cc: P. M. Bridges

LAW OFFICES OF

CAMPBELL & RUSSELL

J. P. WHITE BUILDING

ROSWELL, NEW MEXICO

21 November 1957

JACK M. CAMPBELL  
JOHN F. RUSSELL

TELEPHONES  
MAIN 2-4641  
MAIN 2-4642

Re: In the Matter of the Appli-  
cation of Moab Drilling Com-  
pany and Utex Exploration Co.,  
Inc. for Authority to Produce  
at Capacity Certain Wells in  
an Approved Pilot Water Flood  
Project in Sections 15 and 16,  
Twp. 16S, R-29-E, High Lonesome  
Pool, Eddy County, New Mexico

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

Gentlemen:

Enclosed please find original and two copies of an Application rela-  
tive to Order No. R-975.

I would appreciate it if we could get this set down at an early date  
inasmuch as it is difficult to predict what may be required by way  
of allowables to most efficiently operate this small water flood  
project.

Very truly yours,

CAMPBELL & RUSSELL

  
Jack M. Campbell

JMC:bb  
Enclosures  
cc: Mr.P.M.Bridges

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

November 25, 1957

Mr. Jack Campbell  
Campbell & Russell  
P.O. Box 721  
Roswell, New Mexico

Dear Sir:

On behalf of your client, Moab Drilling Company and Utex Exploration Company, Inc., we enclose two copies of Emergency Order No. E-5 issued November 25, 1957, by the Oil Conservation Commission.

Very truly yours,

A. L. Porter, Jr.  
Secretary - Director

bp  
Encls.

C  
O  
P  
Y

MAIN OFFICE 000

LAW OFFICES OF  
CAMPBELL & RUSSELL  
J. P. WHITE BUILDING  
ROSWELL, NEW MEXICO  
22 November 1957

JACK M. CAMPBELL  
JOHN F. RUSSELL

TELEPHONES  
MAIN 2-4641  
MAIN 2-4642

Re: Application of Moab Drilling  
Company and Utex Explorations  
Co., Inc. for Emergency Order

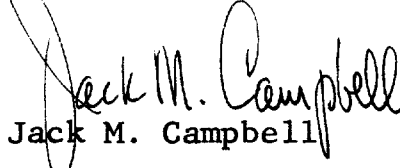
New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Gentlemen:

Please consider that the Application sent to you November 21st for an emergency Order authorizing transfer of allowable was made on behalf of Moab Drilling Company and Utex Explorations Co., Inc., and both should be considered applicants for the emergency Order.

Very truly yours,

CAMPBELL & RUSSELL

  
Jack M. Campbell

JMC:bb