

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO

WFX - 218

Due Oct 1

S. 18911 S.N. 10W
4 Wells

LEGAL DIVISION
PHONE 827-2741

September 17, 1965

Mr. Emery C. Arnold
Supervisor, District 3
Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico

Re: Order No. R-2916

Dear Emery:

We have received an application from Worldwide Petroleum Corporation for approval of an additional injection well. I am enclosing Forms C-101 and Forms C-102 which were attached to the application.

Very truly yours,

J. M. DURRETT, Jr.
Attorney

JMD/esr
Enclosures

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OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO

September 17, 1940

Mr. Henry C. Arnold
Supervisor, District 2
Oil Conservation Commission
1000 Rio Bravo Road
Albuquerque, New Mexico

Re: Order No. 10-102

Dear Mr. Arnold:

We have received an application from Worldwide
Petroleum Corporation for approval of an additional
injection well. I am enclosing Forms O-101 and
Form O-102 which were attached to the application.

Very truly yours,

J. M. DURANT, Jr.
Attorney

JMD/sar
enclosure

OIL CONSERVATION COMMISSION

P. O. BOX 824 2088

SANTA FE, NEW MEXICO

LEGAL DIVISION

PHONE 827-2741

September 13, 1965

**Mr. Emery C. Arnold
Supervisor, District 3
Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico**

Re: Order No. R-2916

Dear Emery:

We have received an application dated September 9, 1965, from Worldwide Petroleum Corporation requesting administrative approval of four injection wells under the provisions of the above order. You should have received copies of this application and the Forms C-101 and C-102 concerning each well.

Please advise us if you feel that these locations are necessary to complete an efficient water injection pattern. If you feel these locations are satisfactory, we will issue an administrative order upon receipt of your approval.

Very truly yours,

**J. M. DURRETT, Jr.
Attorney**

JMD/esr

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OIL CONSERVATION COMMISSION
P.O. BOX 524
SANTA FE, NEW MEXICO

RECEIVED
SEP 11 1964

September 11, 1964

Mr. J. W. Turner
Director, Division
Oil Conservation Commission
P.O. Box 524
Santa Fe, New Mexico

Re: Order No. 1-111

Dear Sir:

We have received an application dated September 9, 1964, from the Petroleum Corporation requesting that the application be approved or not approved under the provisions of the Conservation Order. We should have received copies of this application and the forms C-111 and C-102 concerning each well.

Please advise us if you feel that these locations are necessary to complete an efficient water injection program. If you feel these locations are satisfactory, we will issue an administrative order upon receipt of your approval.

Very truly yours,

J. W. TURNER, JR.
Attorney

TH:esr

WORLDWIDE PETROLEUM CORPORATION

4150 East Mexico Avenue
Denver, Colorado 80222
Telephone 757-5441
September 9, 1965

Mr. A. L. Porter
Oil & Gas Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico

Dear Mr. Porter:

Administrative approval is requested for the following locations:

1. Santa Fe #11 - 330' FNL & 2310' FEL, Sec. 19-18N-10W
2. Santa Fe #11-W - 32' FNL & 2635' FEL, Sec. 19-18N-10W
3. Santa Fe #12-W - 665' FNL & 2635' FEL, Sec. 19-18N-10W
4. Farris #8-W - 660' FSL & 2635' FEL, Sec. 18-18N-10W

Four copies of Form C-101 and three copies of Form C-102 are enclosed for each well.

These locations are within the designated area of the Seven Lakes Water Flood project as approved by order No. R-2916. While this order did not specifically list the locations for which approval was granted, we listed 19 producing well locations and 10 water injection well locations during our testimony in Case No. 3245 before the Commission. None of the above locations was included in that list. However, the Order does provide for administrative approval of locations within the project area.

Also, as of this date, we are submitting to Mr. Arnold an Intent to Drill the Santa Fe No. 10 located 330' FNL and 2310' FWL, Section 19-18N-10W. It is to be a Gallup-Dakota test, but we

Mr. A. L. Porter

-2-

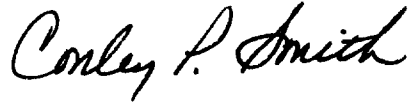
September 9, 1965

would like to use it either as a water supply or Menefee producer in the event the deeper zones are non productive. In that event we will desire to obtain administrative approval for that location.

Please advise us if there is any other information you require to process this request.

Very truly yours,

WORLDWIDE PETROLEUM CORP.

A handwritten signature in cursive script, reading "Conley P. Smith".

Conley P. Smith

CPS:bo
Enclosures

cc: Mr. Emery Arnold



STATE OF NEW MEXICO
STATE ENGINEER OFFICE
SANTA FE

S. E. REYNOLDS
STATE ENGINEER

October 7, 1965

ADDRESS CORRESPONDENCE TO:
STATE CAPITOL
SANTA FE, NEW MEXICO 87501

Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Comm.
Santa Fe, N. M.

Dear Mr. Porter:

Reference is made to the application of Worldwide Petroleum Corporation which seeks administrative approval to drill the following wells for water injection service in the Seven Lakes Water Flood Project in McKinley County:

Santa Fe No. 13-W
Santa Fe Pacific RR No. 12-W
Santa Fe Pacific RR No. 11-W
Santa Fe Pacific RR No. 11
Farris No. 8-W

This office offers no objection to the granting of the application provided the instructions set up in the second paragraph of your June 1, 1965 letter pertaining to Order No. R-2916 and Case 3245 are applied to the proposed new injection wells.

FEI/ma
cc-Worldwide Petro. Corp.
Emery C. Arnold

Yours truly,

S. E. Reynolds
State Engineer

By: *Frank E. Irby*
Frank E. Irby
Chief
Water Rights Div.

To Mr. Arnold
San Antonio
WORLDWIDE PETROLEUM CORPORATION

4150 East Mexico Avenue
Denver, Colorado 80222

Telephone 757-5441

SEP 31 AM 10:00
SEP 24, 1965

Mr. Emery C. Arnold
New Mexico Oil and Gas Conservation
Commission
1000 Rio Brazos Road
Aztec, New Mexico

Dear Mr. Arnold:

Thank you for your letter of September 23 advising that approval of orders would be written for the #8-W Ferris and the #11-W, 12-W and 13-W Santa Fe wells. We particularly thank you for your instructions on filing reports and making applications for additional wells in this project. I was in somewhat of a quandry as to just exactly what was involved in requesting administrative approval to drill wells in this project.

In June we filed Applications to Drill the #7-W, 8-W, 9-W and 10-W Santa Fe injection wells with the intention of commencing a pilot injection project. Subsequent to these filings, we decided to do some additional core testing and then decided to move the pilot injection program to the area for which we have recently submitted applications. No decision has yet been made as to drilling the #7-W, 8-W, 9-W and 10-W Santa Fe wells and we were withholding our application for administrative approval of these wells pending this decision.

As you advised, we are mailing the State Engineer's Office a copy of these applications.

Very truly yours,

WORLDWIDE PETROLEUM CORPORATION

Conley P. Smith

Conley P. Smith

CPS:bo



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OIL CONSERVATION COMMISSION

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO

MAIN

SEP 27 AM 9
'65

September 23, 1965

Worldwide Petroleum Corporation
4150 East Mexico Avenue
Denver, Colorado 80222

Attn: Mr. Conley P. Smith

Dear Mr. Smith:

During the last several days we have received Applications for Permit to Drill for your Santa Fe #11, #11-W, #12-W, and #13-W, and Ferris #8-W wells located in the Seven Lakes Menefee Pool. We have also received copies of letters you have written to Mr. Porter requesting administrative approval of the additional injection wells. I talked to Mr. Dan Nutter yesterday and was informed that approval orders will be written in the next few days on the #8-W Ferris and the #11-W, 12-W and 13-W Santa Fe wells. The Santa Fe #11 will be a producing well and will not require any additional approval, as it is a standard location.

In checking our files we find that early in June, Applications for Permit to Drill were approved for your 7-W, 8-W, 9-W and 10-W Santa Fe injection wells. These notices were approved subject to administrative approval of the injection wells prior to injection. So far as I can determine, no application for administrative approval of these wells has been made to Mr. Porter. Is it possible that this has been overlooked in your office?

I am returning Application for Permit to Drill filed for your #2 Navajo well. As this well is located on Navajo Land, the notice should be made out on Federal forms and submitted to the U.S.G.S. in Farmington. They will forward two copies to us.

I have also noted that the Application to Drill filed for the well located 660 feet from the South Line and 2635 feet from the East Line of Section 18 is located on a Ferris Lease and should be identified as the #8-W Ferris well. You have identified it in this manner in your letter to Mr. Porter but the Application to Drill shows the "Farm or Lease Name" as "Santa Fe Pacific Railroad". I am, therefore, taking the liberty of correcting it to Ferris.

AT: EMB, NEW MEXICO

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Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The *Agrobacterium* strains were grown in the YEA medium for 24 h at 28°C. The cell concentration of the strains was adjusted to 1.0 × 10⁸ cells/ml. The cell suspension was mixed with the plant tissue and the transformation efficiency was determined. The results were expressed as the mean ± SD of three independent experiments. The asterisk indicates a significant difference ($P < 0.05$) between the strains.

1. *Phragmites australis* (Cav.) Trin. ex Steud.

1. The first step in the process of the investigation is the identification of the problem. This is done by the investigator who is responsible for the investigation. The investigator must identify the problem and the scope of the investigation. The investigator must also identify the objectives of the investigation and the methods to be used. The investigator must also identify the resources available for the investigation.

[illegible]

1. The first step is to identify the problem. In this case, the problem is that the company is not meeting its sales targets.

I would also like to briefly review the correct procedure in filing reports and making application for additional wells in this project: All Applications for Permit to Drill, as well as drilling reports, on State or Fee Land should be mailed directly to this office. If the well is located on Federal or Indian Land, all drilling forms should be mailed to the U.S.G.S. Office in Farmington. Applications for administrative approval should be made directly to Mr. Porter in Santa Fe. The application should outline in some detail the proposed completion depth, the completion methods, casing program and cementing program.

I have also been advised that the State Engineer's Office would like to be mailed a copy of each of these applications.

If you have any questions regarding any of these matters, please contact us.

Yours very truly

Emery C. Arnold
Supervisor, District #3

ECA:ks

cc: Mr. Dan Nutter
OCC, Santa Fe, N.M.

State Engineer's Office
Santa Fe, N.M.

U.S.G.S., Farmington, N.M.

