

FILED

APR 9 1915

BEFORE THE OIL CONSERVATION COMMISSION OF THE  
STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF SUNRAY  
MID-CONTINENT OIL COMPANY AND BRITISH  
AMERICAN OIL PRODUCING COMPANY FOR AN ORDER  
AUTHORIZING A SECONDARY RECOVERY PROJECT IN  
THE BISTI-LOWER GALLUP OIL POOL IN SAN JUAN  
COUNTY, NEW MEXICO, PURSUANT TO RULE 701 OF  
THE COMMISSION'S RULES AND REGULATIONS.

CASE NO. 1519

WITHDRAWAL OF APPLICATION

Come now Sunray Mid-Continent Oil Company and British American Oil  
Producing Company, the joint applicants herein, and formally withdraw their  
application heretofore filed in the above-entitled matter and further re-  
quest that the hearing upon said application be cancelled.

SUNRAY MID-CONTINENT OIL COMPANY

By *Lewhi T.*  
One of its Attorneys

BRITISH AMERICAN OIL PRODUCING COMPANY

By *R. W. Sullivan* *Law*  
R. W. Sullivan  
1512 Mile High Center  
Denver 2, Colorado

By *Lewhi T.*  
L. C. White  
Santa Fe, New Mexico

GILBERT, WHITE AND GILBERT  
ATTORNEYS AT LAW  
SANTA FE, NEW MEXICO

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF SUNRAY  
MID-CONTINENT OIL COMPANY AND BRITISH  
AMERICAN OIL PRODUCING COMPANY FOR AN ORDER  
AUTHORIZING A SECONDARY RECOVERY PROJECT IN  
THE BISTI-LOWER GALLUP OIL POOL IN SAN JUAN  
COUNTY, NEW MEXICO, PURSUANT TO RULE 701 OF  
THE COMMISSION'S RULES AND REGULATIONS.

CASE NO. 1519

A P P L I C A T I O N

TO THE HONORABLE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

COMES NOW the Applicants, Sunray Mid-Continent Oil Company and  
British American Oil Producing Company, and respectfully allege and state as  
follows:

1. That it is desired to inject liquefied petroleum gas and gas,  
pursuant to Rule 701 of the Commission's Rules and Regulations, into the Bisti-  
Lower Gallup Oil Pool underlying the following described acreage:

All of Section 35, Township 26 North, Range 13 West, N.M.P.M.

The Northwest Quarter (NW/4) and the East Half (E/2) of  
Section 1, Township 25 North, Range 13 West, less the North-  
east Quarter of the Northeast Quarter (NE/4 NE/4) of said  
Section 1, N.M.P.M.

The Northeast Quarter (NE/4) of Section 12, Township 25 North,  
Range 13 West, N.M.P.M.

Owned and operated by British American Oil  
Producing Company

The South Half of Section 31, Township 26 North, Range 12  
West, except the Southwest Quarter of the Southwest Quarter  
(SW/4) SW/4) of said Section 31, N.M.P.M.

All of Section 6, Township 25 North, Range 12 West, except the  
Northwest Quarter of the Northwest Quarter (NW/4 NW/4) of said  
Section 6, N.M.P.M.

The Northwest Quarter (NW/4) and the East Half (E/2) of Section 7,  
Township 25 North, Range 12 West, N.M.P.M.

Owned and operated by Sunray Mid-Continent Oil Company

All in San Juan County, New Mexico.

2. That the wells in the Bisti-Lower Gallup Oil Pool are producing  
from the Lower Gallup Oil Sand which is found between the depths of 4826 feet  
and 4860 feet in British American Oil Producing Company's Marye Well No. 1  
located in the Northeast Quarter of the Northeast Quarter (NE/4 NE/4) of Section 1,  
Township 25 North, Range 13 West, N.M.P.M., San Juan County, New Mexico.

3. That it is proposed to inject liquefied petroleum gas and gas into  
British American Oil Producing Company's Marye Well No. 2, located in the Northeast  
Quarter of the Northeast Quarter (NE/4 NE/4) of Section 12, Township 25 North, Range  
13 West, and into Sunray Mid-Continent Oil Company's Federal "C", Well No. 20,  
located in the Southwest Quarter of the Northwest Quarter (SW/4 NW/4) of Section 7,  
Township 25 North, Range 12 West, both in San Juan County, New Mexico.

4. That casing has been set and cemented in each proposed injection well  
as follows:

(a) Sunray's Federal "C" No. 20:

8-5/8" casing set at 294' with 175 sacks of cement.  
5-1/2" casing set at 5049' with 200 sacks of cement.

*Docket Mailed  
to all 3 attorneys  
9-18-58  
BP*

(b) British American's Marye No. 2:

9-5/8" casing set at 222' with 175 sacks of cement  
5-1/2" casing set at 4980' with 130 sacks of cement

(c) The casing in each injection well will be tested in accordance with such rules and methods heretofore approved by the Commission or as may be prescribed by it prior to use as an injection well.

5. That it is estimated that between 250 and 1200 barrels per day of liquefied petroleum gas for a total per well injection of 25,000 barrels to 50,000 barrels which will be followed by between 400,000 and 1,500,000 cubic feet of gas per day will be injected into each injection well. That the liquefied petroleum gas will be purchased from outside sources and that the gas will consist of produced casinghead gas from the Lower Gallup Oil Formation with needed make-up gas to be purchased from outside sources.

6. That the Commission by its Order No. R-1027 dated August 7, 1957, has heretofore granted to Sunray Mid-Continent Oil Company permission to inject liquefied petroleum gas followed by gas into the Bisti-Lower Gallup Oil Pool for the purposes of secondary recovery.

7. That attached hereto, marked Exhibit "A", and made a part hereof by this reference, is a plat showing the location of the proposed intake wells; the location of all oil and gas wells, including drilling wells and dry holes, and the names of lessees within one-half mile of the proposed intake wells; and the name of each offset operator.

8. That the operators of this project and their addresses are Sunray Mid-Continent Oil Company, P. O. Box 2039, Tulsa 2, Oklahoma and British American Oil Producing Company, P. O. Box 180, Denver, Colorado.

WHEREFORE Applicants pray that this application be set for hearing, that notice be given as required by law and that upon the evidence adduced at such hearing, the Commission issue an order granting to Applicants permission to inject liquefied petroleum gas followed by gas into the Bisti-Lower Gallup Oil Pool as more fully set out in this application.

Dated this 9th day of September, 1958.

BRITISH AMERICAN OIL PRODUCING COMPANY

By R. W. Sullivan  
R. W. Sullivan, Attorney  
Mile High Center  
Denver, Colorado

SUNRAY MID-CONTINENT OIL COMPANY

By William R. Loar  
William R. Loar, Attorney  
P. O. Box 2039  
Tulsa 2, Oklahoma

By L. C. White  
L. C. White, Attorney  
P. O. Box 787  
Santa Fe, New Mexico