

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.5. LEASE DESIGNATION AND SERIAL NO.  
**Ute Mountain Tribe of Indians**  
**Contract 814-20-804-82**6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**Ute Mountain Tribe of Indians**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Ute - Indian**

9. WELL NO.

**2-11**

10. FIELD AND POOL, OR WILDCAT

**Verde Gallup**11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA**20-31N-14W N.M. P.M.**

12. COUNTY OR PARISH

**San Juan**

13. STATE

**New Mexico**

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

**Empire State Oil Company**

3. ADDRESS OF OPERATOR

**Box 871 Thermopellis, Wyoming**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*

See also space 17 below.)  
At surface**700' FSL & 1940' FEL Section 20-T31N-R14W**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**5618' G.R.**

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐**STEAM SOAK WELL****X**

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

We propose to do the following work:

1. Pull rods and tubing - Clean out to PSTD of 3292'.
2. Run tubing w/pack-off shoe to 3200' and circulate thermal cement to surface.
3. Inject steam for 10 days.
4. Allow well to soak for 3 to 4 days.
5. Put well on pump for production tests.

Subsequent report will be filed giving details of work done and results after testing.

We have designation of operator from Southern Union Production Co. and  
Aztec Oil and Gas Co.

18. I hereby certify that the foregoing is true and correct

SIGNED

**Thomas E. Fenno**

TITLE

**Engineer**

DATE

**4-22-66**

(This space for Federal or State office use)

TITLE

DATE

APPROVED

MAY 2 1966

JERRY W. LONG  
DISTRICT ENGINEER

\*See Instructions on Reverse Side

## Instructions

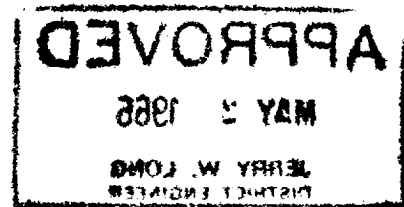
**General:** This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 17:** Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

U.S. GOVERNMENT PRINTING OFFICE: 1963-O-486229

807-851



# EMPIRE STATE OIL COMPANY

P. O. Box 871

THERMOPOLIS, WYOMING

R. C. McREYNOLDS  
VICE PRESIDENT  
U. S. EXPLORATION


April 15, 1966

Pan American Petroleum Corporation  
Box 480  
Petroleum Center Building  
Farmington, New Mexico

Attention: Mr. L. O. Speer, Jr., Area Superintendent

Gentlemen:

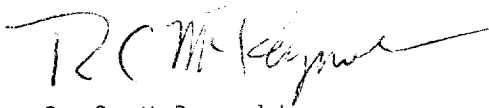
In connection with a well stimulation program on Ute Mountain Tribal Lease Contract No. 14-20-604-82, San Juan County, New Mexico, we plan to steam soak the following well on an experimental basis:

Southern Union Gas Company Ute Indian No. 2-,  
located 700 feet from the South line and 1,940  
feet from the East line of Section 20, Township  
31 North, Range 14 West, New Mexico Principle  
Meridian.

By executing and returning one copy of this letter to us, will you, as an offset operator, please evidence your waiver of any objection to our proceeding with this experimental project. The executed copy will then be filed with the New Mexico Oil Conservation Commission together with appropriate application forms to enable us to proceed with this project without formal notice and hearing. Your cooperation is appreciated.

Very truly yours,

EMPIRE STATE OIL COMPANY

  
R. C. McReynolds  
Vice President

The undersigned hereby assent to the experimental steam soak project described above, agree that Empire may proceed with said project, and state that they have expressly waived all objection to Empire's proceeding with said project and to its proceeding, with permission of the New Mexico Oil Conservation Commission, without formal notice and hearing before said Commission. This agreement and waiver shall be binding upon the undersigned, its successors and assigns.

PAN AMERICAN PETROLEUM CORPORATION

By 

# EMPIRE STATE OIL COMPANY

P. O. Box 871

THERMOPOLIS, WYOMING

April 15, 1966


R. C. McREYNOLDS  
VICE PRESIDENT  
U. S. EXPLORATION

Standard Oil Company of Texas  
Box 1660  
Petroleum Life Building  
Midland, Texas 79701

Attention: Mr. J. L. Lawton, Division Engineer

Gentlemen:

In connection with a well stimulation program on Ute Mountain Tribal Lease Contract No. 14-20-604-82, San Juan County, New Mexico, we plan to steam soak the following well on an experimental basis:

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Standard Oil Company of Texas

By 

# EMPIRE STATE OIL COMPANY

P. O. Box 871

THERMOPOLIS, WYOMING

R. C. McREYNOLDS  
VICE PRESIDENT  
U. S. EXPLORATION


April 15, 1966

Mobil Oil Company  
Box 1652  
Goodstein Building  
Casper, Wyoming

Attention: Mr. Fred Kumpf

Gentlemen:

In connection with a well stimulation program on Ute Mountain Tribal Lease Contract No. 14-20-604-82, San Juan County, New Mexico, we plan to steam soak the following well on an experimental basis:

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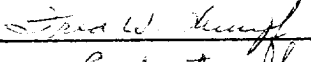
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EMPIRE STATE OIL COMPANY

  
R. C. McReynolds  
Vice President

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MOBIL OIL COMPANY

By   
Production Dept  
4-18-66