

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

N.L.A. 14237

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

SAN YOBINO

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

WILDCAT

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

**Sec. 20, T-19N, R-1E,
N.L.A.P.M.**

12. COUNTY OR PARISH

SANDOVAL

13. STATE

NEW MEXICO

1.

OIL WELL ☐ GAS WELL ☐ OTHER **WILDCAT - GAS STORAGE**

2. NAME OF OPERATOR

SOUTHERN UNION GAS COMPANY

3. ADDRESS OF OPERATOR

P. O. Box 808, Farmington, New Mexico 87401

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

See also space 17 below.)

At surface

2380 FT. FROM THE NORTH LINE & 1730 FT. FROM THE WEST LINE.

14. PERMIT NO.

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

L & S EL.

5813 Gr. 5824 D.F.

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

PULL OR ALTER CASING ☐

FRACTURE TREAT ☐

MULTIPLE COMPLETE ☐

SHOOT OR ACIDIZE ☐

ABANDON* ☐

REPAIR WELL ☐

CHANGE PLANS ☐

(Other) **SUPPLEMENTARY TESTING**

XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

REPAIRING WELL ☐

FRACTURE TREATMENT ☐

ALTERING CASING ☐

SHOOTING OR ACIDIZING ☐

ABANDONMENT* ☐

(Other)

(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.)*

FLOW AQUA ZARCA WATER IN ORDER TO TEST RESERVOIR CHARACTERISTICS FOR POSSIBLE GAS STORAGE.

1. MOVE IN PULLING UNIT AND KILL WATER FLOW WITH SALT WATER.
2. PULL 2-3/8", E.U.E., 4.708, J-55 TUBING.
3. RUN APPROXIMATELY 1100 FT. 2-7/8", E.U.E. TUBING WITH GUIDERSON 5-3/2" PAPER (SET AT APPROX. 1100 FT.) GAS LIFT VALVES IN TUBING AT APPROX. 667 FT. AND 1070 FT.
4. PUMP COMPRESSED AIR DOWN ANNULUS AND FLOW WATER AT A CONSTANT RATE OF 2000 GALLON PER DAY FOR APPROX. 30 DAYS.
5. TAKE BOTTOM HOLE PRESSURES AT VARIOUS TIMES.
6. SHUT WELL IN AFTER FLOW TEST FOR APPROX. 30 DAYS AND OBSERVE PRESSURE BUILDUP.
7. EVALUATE THE RESULTS OF THE PRESSURE DRAIN DOWN AND BUILDUP AND DETERMINE THE FEASIBILITY OF THE AQUA ZARCA TO SERVE AS A GAS STORAGE SAND.

RECEIVED

FEB 9 1973

U. S. GEOLOGICAL SURVEY
DURHAM, N. C.

RECEIVED

FEB 12 1973

OIL CON. COM.
DIST. 3

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

ORIGINAL SIGNED BY

SIGNED **B. R. VANDERSLICE**

TITLE **AREA SUPERINTENDENT**

DATE **FEBRUARY 8, 1973**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*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.