

R E V I S E D

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

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 Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐

2. NAME OF OPERATOR
Southern Union Exploration % John H. Hill

3. ADDRESS OF OPERATOR Suite 020, Kyser Bldg,
300 W. Arrington, Farmington, New Mexico 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1850' FNL & 2220' FEL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☒

SHOOT OR ACIDIZE ☒

REPAIR WELL ☒

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Re-entry: Plug Mesa Verde and Dakota, Open Pictured Cliffs (REVISED NOTICE)

SUBSEQUENT REPORT OF:

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(NOTE: Report results of multiple completion or zone change on Form 9-330.)

5. LEASE
NM-02901

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Foster

9. WELL NO.
4

10. FIELD OR WILDCAT NAME
Ballard Pictured Cliffs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec-24 T26N R8W NMPM

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6469' D F

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.)*

(See additional information on back)



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED _____ TITLE Exploration/Producing Manager

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

NMOCC

*See Instructions on Reverse Side

APR 13 1981
JAMES F. SIMS
DISTRICT OIL & GAS SUPERVISOR

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.

SUNDRY NOTICE - REVISED

THIS SUNDRY NOTICE, IF APPROVED, SHALL SUPERSEDE ALL PREVIOUS NOTICES AND CORRESPONDENCE MAKING THEM NULL AND VOID.

- 1) Rig up Pulling Unit.
- 2) Kill well, pull 2-3/8" tubing and 3/4" rods.
- 3) Set by Wireline cast iron bridge plug at 6400'. (Production Packer at 6500') Bail 5 sacks of Neat Cement on top of bridge plug, sealing off Dakota.
- 4) Set by Wireline cast iron bridge plug at 5775'. Bail 5 sacks of Neat Cement on top of bridge plug, sealing off Gallup.
- 5) Set by Wireline cast iron bridge plug at 4610' (top Mesa Verde Perforations at 4660'). Bail 5 sacks of Neat Cement on top of bridge plug, sealing off lower Mesa Verde zones.
- 6) Set by Wireline cast iron bridge plug at 3895'. Bail 5 sacks of Neat Cement on top of bridge plug, sealing off upper Mesa Verde zones.
- 7) Run Sonic Cement Bond Log to determine top of cement.
 - a) If cement top is from 50' to 100' above the top of Chacra (3170'), then set cast iron bridge plug at 3120' and bail 5 sacks of Neat Cement on top of bridge plug, sealing off Chacra.
 - b) If cement top is not from 50' to 100' above top of Chacra (3170'), then perforate at 3220' and squeeze sufficient ~~enough~~ cement to get behind the pipe 50' of cement below top of Chacra (3170') and 100' of cement above top of Chacra (3170'). Also then set by Wireline a cast iron bridge plug at 3150', sealing off Chacra. *Bail 5 sacks of Neat cement on top of bridge plug.*
- 8) Perforate and treat Pictured Cliffs.