

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

Form Approved.  
Budget Bureau No. 42-R1424

**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 ☐ gas ☒ other ☐  
well well

2. NAME OF OPERATOR

Southern Union Exploration Company

3. ADDRESS OF OPERATOR

P. O. Box 2179 Farmington, N.M. 87499

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

AT SURFACE: 1770' FNL & 1770' FEL

AT TOP PROD. INTERVAL: Same

AT TOTAL DEPTH: Same

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

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON\* ☒

(other) Corrections to Sundry dated 4-24-84 & 5-4-84

5. LEASE

SF-078432

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hodges

9. WELL NO.

#4

10. FIELD OR WILDCAT NAME

Ojo Alamo Water Well

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

Sec 27-T26N-R8W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6879'

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

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.)\*

9 5/8", 36#, H-40 @ 102' in 12 1/4" hole

5 1/2", 15.5, J-55 @ 2617' in 7 7/8" hole, TOC @ 1800' RKB

Perforated: 1168-1173, 1235-1240, 1330-1335, 1505-1510, 1625-1630, 1730-1740,

Cast iron bridge plug @ 2500', Pictured Cliffs open hole 2617'-2737'

1. Drill out cast iron bridge plug @ 2500'. RIH w/tbg to 2737'.

2. Spot 50 cu ft plug in open hole and fill casing to 2550'.

3. Pull tbg to 1800'. Spot 250 cu ft cement in casing & squeeze into perforations 1168'-1740', leave cement in casing @ ± 1100'.

4. Perforate 5 1/2" casing @ 155'. Establish circ to surface through annulus. Squeeze cement 120' 5 1/2" casing and annulus w/50 cu ft cement.

5. Cut off wellhead & weld on PTA marker.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Jeffrey S. Schweiler TITLE Division Engineer DATE May 9, 1984

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL IF ANY:

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

(This space for Federal or State office use)

RECEIVED  
JUN 22 1984  
OIL CON. DIV.  
DIST. 3

NM000

\*See Instructions on Reverse Side

APPROVED  
AS AMENDED

JUN 9 1984

M. MILLENBACH  
AREA MANAGER

BUREAU OF LAND MANAGEMENT  
Caller Service 4104  
Farmington, New Mexico 87499

Attachment to Notice of  
Intention to Abandon

Re: Permanent Abandonment  
Well: 4 Hodges

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. The Farmington office (telephone (505) 325-4572) is to be notified in sufficient time for a representative to witness all plugging operations.
3. Blowout prevention equipment is required.
4. In addition to normal filling of pits and cleanup of location, additional surface restoration work may be required, i.e. ripping of pad and/or access road, reseeding, etc. We have asked the Surface Management Agency for the surface restoration requirements for this well and we should be able to furnish you these requirements within 30 days. After plugging the well and before making final clean-up, you should contact this office unless you have already been advised as to what additional surface restoration work is required.
5. The following modifications to your plugging program are to be made (when applicable):

*The plug in item 3 is modified to specify that the cement inside the casing is to be extended down hole to a depth of 2043'.*

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

Office Hours: 7:45 A.M. to 4:30 P.M.

PERMANENT ABANDONMENT REPORT  
FARMINGTON FIELD AREA

1. Secure prior approval before changing the approved plugging program.
2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs.
3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations.
4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 15 sacks or 100 feet in length, whichever is greater.
5. Any cement plug placed when well is not full of fluid, or when well may be taking fluid, will be touched after cement has set to verify proper location.
6. Mud must be placed between plugs. Minimum consistency of plugging mud must be 9.2 lbs/gal. Brine is to be utilized for mixing mud where possible.
7. Within 30 days after plugging work is completed, file Subsequent Report of Abandonment, Form 3160-5 (formerly 9-331), in quintuplicate with Area Manager, Bureau of Land Management, Caller Service 4104, Farmington, New Mexico 87499. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.
8. All permanently abandoned wells are to be marked with a permanent monument, on which has been stenciled or beaded the well name, well number, and well location by quarter-quarter, section, township and range. The monument is to be of steel pipe, not less than four inches in diameter, cemented permanently in the ground, and extending four feet above general ground level. The top should be closed with a screw cap, welding, or a cement plug.
9. After plugging work is completed:
  - a. Fill all pits, rat hole and cellar.
  - b. Clean well location of all equipment, concrete bases, pipe, junk and
  - c. Cut or remove tie downs.
  - d. If last well on lease, and no additional drilling is contemplated, fill tank battery pits, remove battery equipment, and clean and level battery location.
  - e. Accomplish surface restoration as specified by the surface management agency or land owner.

All above are minimum requirements. The Subsequent Report of Abandonment will not be approved and the period of liability under the bond of record terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.