

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.

SE 07561

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 2-4 Unit

8. FARM OR LEASE NAME

San Juan 2-4 Unit

9. WELL NO.

10

10. FIELD AND POOL, OR WILDCAT

Chaco Mesa Pictured Cliffs

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

**Sec. 36, T-29-N, R-4-W
N.M.P.M.**

12. COUNTY OR PARISH

Rio Arriba

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 **Test Well for Gasbuggy**

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

Box 990, 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

1650'S, 1700'S

14. PERMIT NO.

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

7184' GL

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 ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) **Test Shot Re-Entry** ☒

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.)*

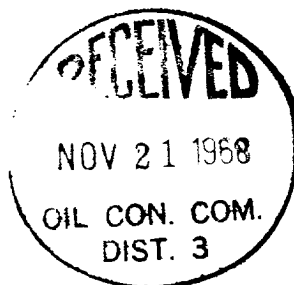
The following work was performed for the Atomic Energy Commission by El Paso Natural Gas Company:

See the attached sheet

RECEIVED

NOV 20 1968

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.



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

SIGNED **ORIGINAL SIGNED E. S. OBERLY**

TITLE **Petroleum Engineer**

DATE **11-20-68**

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*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.

San Juan 29-4 Unit No. 10 - Workover History

- 10-7-68 Moved Aztec Well Service rig #50 on location. Cut off old wellhead and installed a flanged wellhead. OCT 9 5/8" slip joint by 10" 600 series casing head. OCT 10" 600 series by 6" 600 series tubing head. Tested blow-out preventer equipment and wellbore (inside of 5 1/2" casing) with 1000 psi. Held O. K.
- 10-8-68 Picked up 2" EUE tubing with two drill collars and a Hughes type "WO" bit. Circulated drilling mud out of 5 1/2" casing down to 2400'. Cement stringers or contaminated cement (with mud) was found from 2400' to 2900'. Good cement was drilled from 2950' to 3585'. Water was used for circulation.
- 10-9-68 Good cement was drilled from 3585' to 3616' (DF). At 3616' the bit acted like it was drilling on junk. The 4 3/4" Hughes type "WO" bit was pulled and a 4 3/4" Hughes Type "W-7-R" was run. This bit drilled with the same reaction. The 4 3/4" "W-7-R" was pulled and a 4 1/4" Hughes Type "W-7-R" was run as the two previous bits indicated tooth damage on the perimeter of the cutting surfaces. The 4 1/4" bit handled the same way and was also pulled. This bit had damage on the entire cutting surface. A 4 5/8" impression block was run and it showed perimeter roughness with no impression or scars in the center.
- Completion orders were changed on the well before the impression block was run. C.O.T.D. 3616' DF or 3606' GL. Logged well with Gamma Ray and collar log. This showed that there should not be a casing collar and the point of contact with metal while drilling at 3616' DF. The well was perforated at 3571-3587', 3591-3611' with 2 jets per foot. Tubing was then run and landed with the bottom of the tubing at C.O.T.D. of 3606' GL. The tubing has a bull plug on bottom and then 18' of perforated nipples. The well was swabbed through the tubing to the steel mud pit from 10 - 12 P. M.
- 10-10-68 The well was swabbed to 3:00 A. M. at which time the swab was run into the Guiberson stuffing box and the swab line broke. This repair was made in 2 hours and swabbing resumed to 8:00 A. M. The well was swabbed down at 8:00 A. M. The swab was not run again until 11:00 A. M. at which time 5 runs were made to remove water to total depth. The tubing was pulled at 10:00 A. M. to remove swab rubber at 90' which was blocking the swab. The rig was torn down from 12:00 Noon to 4:00 P. M. when the substructure was removed from over the wellbore. Water samples were taken at 5:00 A. M. and at 11:00 A. M.