

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.

14-20-604-1951

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo - Ute Res.

7. UNIT AGREEMENT NAME

Horseshoe Gallu

8. FARM OR LEASE NAME

Horseshoe Gallu

9. WELL NO.

5-2

10. FIELD AND POOL, OR WILDCAT

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

Sec. 33, T.31N, R.10E

12. COUNTY OR PARISH 13. STATE

San Juan N.M.

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

Water supply

2. NAME OF OPERATOR

The Atlantic Refining Company

3. ADDRESS OF OPERATOR

Box 2197, Farmington, N. M.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

Unit # 1110 PCL & 1345 PCL Sec. 33

14. PERMIT NO.

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

GR - 5222', RE2 - 5235'

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 COMPLETION

ABANDON*

CHANGE PLANS

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.)*

10-22-64

Dist #1 - open hole 4596-5201 Techolly formation.

Tool open 195 mins. Fluid to surface in 65 mins. and cleaned up to muddy water at end. Flow rate approx. 17 BPH. Recovered 4600' muddy water.

IHM - 2305 psi
IPT - 618 psi
PFP - 2107 psi
IHI - 2249 psi (80 min.)
PFI - 2249 psi (45 min.)
BHT - 138° F

Recovered water 50,000 ppm Cl.

RECEIVED

NOV 17 1964

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

RECEIVED
NOV 18 1964
OIL CON. COM.
DIST. 3

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

SIGNED

B. J. Sartain

TITLE Drilling Production Supervisor

11-13-64

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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.