

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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 "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ Water supply		5. LEASE DESIGNATION AND SERIAL NO. 14-20-604-1951	
2. NAME OF OPERATOR The Atlantic Refining Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo - Ute Mtn.	
3. ADDRESS OF OPERATOR Box 2197 Farmington, N. M.		7. UNIT AGREEMENT NAME Horseshoe Gallup	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Sec. 33, T-31N, R-16E		8. FARM OR LEASE NAME Horseshoe Gallup	
14. PERMIT NO.		9. WELL NO. 5-4	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR-5222', REB-5235'		10. FIELD AND POOL, OR WILDCAT -	
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T-31N, R-16E	
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.)*		12. COUNTY OR PARISH San Juan	
		13. STATE N.M.	

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) ☐	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
(Other) ☒ Spud and casing	

(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.)*

Spudded well at 3:30 p.m. 10-9-64. Drilled 17" hole to 151'. Ran 5 jts 13-5/8" OD 48# H-40 casing (134.50') set at 150.65'. Cemented w/170 sk Class C cement plus 2% CaCl₂. Plug down 3:00 a.m. 10-10-64. Cement circulated. H.U.B.O.P. & V.O.C. 17 hrs and tested casing w/600 psi OK

Drilled to 5201' TD. Ran 161 jts. 8-5/8" OD 32# & 36 J-55 casing with float shoe and float collar (5171.32') set at 5184.92'. Cemented as follows:

Thru shoe w/100 sk 50/50 cement & Class "C" + 8% gel & 12-1/2% Gillisonite per sack & 75% CPBZ followed by 400 sk Class "C" cement + 8% gel and 12-1/2% Gillisonite/sk followed by 285 sk Class "C" + 4% gel

Thru TV tool at 5201' w/100 sk 50/50 cement & Class "C" + 8% gel & 12-1/2% Gillisonite/sk and 3/4% CPBZ followed by 500 sk class "C" + 8% gel and 12-1/2% Gillisonite/sk/

Thru TV tool at 1774' w/400 sk class "C" + 8% gel & 12-1/2% Gillisonite/sk. Job complete at 3:30 p.m. 10-23-64. L.O.C. 24 hrs. & Drilled out to 5117'. Tested 8-5/8" casing w/1000 psi OK

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

SIGNED

B. J. Sartain

TITLE Drilling Production Update DATE 11-13-64

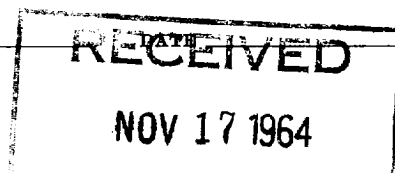
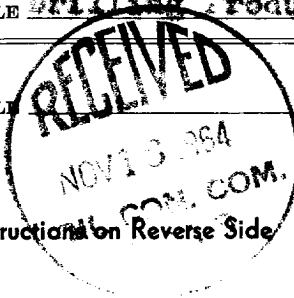
(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

*See Instructions on Reverse Side



U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.

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.