

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Gallup
Navajo - Ute Mtn Tribal
Allottee _____
Lease No. 14-20-604-1951

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<u>Subsequent report of converting</u>	
	<u>to water immersion</u>	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

HORSESHOE GALLUP UNIT

Well No. 171 is located 660 ft. from RS line and 1980 ft. from W line of sec. 27

SE SW Sec. 27 31N 14W N 40° W
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Horseshoe Gallup San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ ground above sea level is 5494 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Moved in pulling unit. Pulled rods and tubing. Had Baker Model "A" Traction Packer set at 1353' on 2" EOR BR 4.7# J-55 tubing on 3-31-63.

Started injecting water into Upper Gallup thru tubing on 5-10-63.

"Effective May 3, 1966, The Atlantic Refining Company changed its name to Atlantic Richfield Company"

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

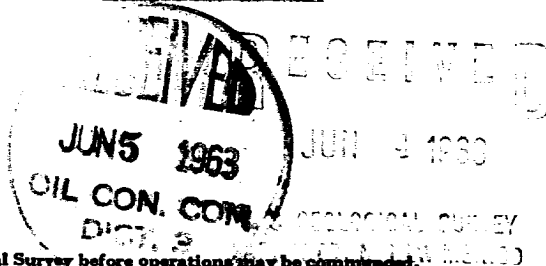
Company The Atlantic Refining Company

Address Box 2197

Paradise, N.M.

By [Signature]

Title Drilling & Production Supervisor



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 ☒ <u>Water Injection</u>	5. LEASE DESIGNATION AND SERIAL NO. <u>14-00-0001-0300</u>
2. NAME OF OPERATOR <u>Atlantic Refining Company</u>	6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>Navajo-Its</u>
3. ADDRESS OF OPERATOR <u>Box 2177, Albuquerque, New Mexico</u>	7. UNIT AGREEMENT NAME <u>Horseshoe Gallup Unit</u>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>660' FSL + 1980' FWL (Unit N) Sec. 27</u>	8. FARM OR LEASE NAME <u>Horseshoe Junior Unit</u>
14. PERMIT NO.	9. WELL NO. <u>171</u>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>5683' 5691'</u>	10. FIELD AND POOL, OR WILDCAT <u>Horseshoe Gallup</u>
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 27, T-31N, R-15E</u>
	12. COUNTY OR PARISH <u>San Juan</u>
	13. STATE <u>New Mexico</u>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☐	(Other) ☐	(Other) ☐
(Other) <u>Shut in temporarily</u> ☒		(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.)*

We propose to shut in this Upper Water Injection well as part of program to determine effectiveness of water injection in the east area of the Horseshoe Gallup field. We propose to shut in about 20 wells in this area and we refer their injection rates to wells nearer the center of the field. The east area is an area of relatively poor sand development. We expect that this test will last about four months; however, if any adverse effects on oil production are noted, injection will be ceased immediately.



U. S. GEOLOGICAL SURVEY

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

SIGNED [Signature] TITLE Dir. of Reg. & Insp. DATE 5/22/67

(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.