

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIANGLE  
(Other instructions  
verse side)

Form approved  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

NM-082

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Atlantic Richfield Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 1978, Roswell, New Mexico 88201		8. FARM OR LEASE NAME Ballard DE Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 330' FSL, 990' FWL (Unit Letter M)		9. WELL NO. 5
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, CR, etc.) 3665' CTF	10. FIELD AND POOL, OR WILDCAT Lynch-Yates/7 Rivers
		11. SEC. T. E. M. OR BLK. AND SURVEY OR AREA Sec. 22-20S-34E
		12. COUNTY OR PARISH Lea
		13. STATE N.M.

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

NOTICE OF INTENTION TO :		SUBSEQUENT REPORT OF :	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL (Other) Run 4 1/2" Inner-String <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Plug Back-Same Zone <input checked="" type="checkbox"/>	

(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.)\*

Moved in workover unit on 9/16/69. Attempted to plug back open hole to shut off water and could not get dump bailer through bad spot in 7" casing at 3128'. Fishing operations disclosed a split in the 7" casing @ 3128'. The attempt to plug back was abandoned. We now propose to run 4 1/2" OD 8R 9.5# J-55 ST&C new casing to T.D. of 3637' and cement w/100 sx of Class "C" cmt. Complete through perforations from 3500-3518, 3533-3541 & 3559-3575 w/1 JSPF. These perfs will be treated w/500 gallons 15% HCl acid and if necessary will be frac'd w/20,000 gallons of water containing 20,000# of 20/40 sand.

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

SIGNED D.D. Stetcher TITLE Dist. Drlg. Supervisor DATE 10-8-69

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**APPROVED**  
OCT 10 1969  
BROWN  
DISTRICT ENGINEER

\*See Instructions on Reverse Side

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SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

**MM-082**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Ballard DE Federal**

9. WELL NO.

**5**

10. FIELD AND POOL, OR WILDCAT

**Lynch-Yates-7 Rivers**

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

**Sec. 22, T20S, R34E**

14. PERMIT NO.

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

**3665' CTF**

12. COUNTY OR PARISH

**Lea**

13. STATE

**N.M.**

16.

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NOTICE OF INTENTION TO :

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) **Plug Back-Same Zone**

PULL OR ALTER CASING

MULTIPLE COMPLETE

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.)\*

Fluid production from this well has increased to 70 BOPD and 1450 BWPD. In an attempt to reduce this water, we propose to plug back open hole from 3637' to 3576' w/pea gravel and hydro-mite cement. Production will then be from O. H. section 3505' to 3576'.

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

SIGNED **O. D. Bretches**

TITLE **Dist. Drlg. Supervisor**

DATE **9-3-69**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_



\*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, 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. Consult local

**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.

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in B. B. C.