

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0115
Expires August 31, 1985

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

2. NAME OF OPERATOR
ARCO Oil and Gas, a Division of the Atlantic Richfield Co.

3. ADDRESS OF OPERATOR
P. O. Box 1610, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
1955' FSL and 510' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether of surface or bottom of hole)
6940' GL

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐	WATER SHUT-OFF	☐
FRAC TURE TREAT	☐	FRAC TURE TREATMENT	☐
SHOOT OR ACIDIZE	☐	SHOOTING OR ACIDIZING	☐
REPAIR WELL	☐	(Other)	☐
(Other)	☐		
PLUG OR ALTER CASING	☐		
MULTIPLE COMPLETE	☐		
ABANDON*	☐		
CHANGE PLANE	☒		

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.)

5. LEASE DESIGNATION AND SERIAL NO.
SF-080472-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
Tonkin Federal

9. WELL NO.
#5

10. FIELD AND POOL, OR WILDCAT
West Lindrith Gallup/Dakota

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA
Section 18, T24N, R3W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
N. Mexico

RECEIVED

DEC 03 1986

We propose to change the 5-1/2" production string cement job that was previously submitted on 10/20/86. The new design is as follows:

STAGE I:

Lead: 415 sx 50/50/2 Pozmix with 12.5#/sx gilsonite at 13.2 ppg and 1.53 cuft/sx yield.
Tail: 400 sx 50/50/2 Pozmix at 14.2 ppg and 1.26 cuft/sx yield

STAGE II:

Lead: 850 sx 65/35/6 Pozmix and 5#/sx gilsonite at 12.4 ppg and 1.84 cuft/sx yield
Tail: 50 sx 50/50/2 Pozmix at 14.2 ppg and 1.26 cuft/sx yield.

This design will allow for 30% excess on the first stage and 15% excess on the second stage. If cement is not circulated to surface on the second stage, a Temperature Survey will be run.

Additionally, the TD of the subject well has been changed to 7630' from the originally proposed TD of 7565'.

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

SIGNED

TITLE DRILLING ENGINEER

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DEC 04 1986

AREA MANAGER

*See Instructions on Reverse Side

NMOCG

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. 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 special 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.

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations. (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2). (3) Analyze future applications to drill or modify operations in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 ☐

2. NAME OF OPERATOR
ARCO Oil and Gas, a Division of the Atlantic Richfield Co.

3. ADDRESS OF OPERATOR
P.O. Box 1610, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1955' FSL and 510' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, ST, GR, etc.)
6940' GL (ungraded)

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.
SF-080472-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
Tonkin Federal

9. WELL NO.
#18-1E

10. FIELD AND POOL, OR WILDCAT
West Lindrith Gallup/Dakota

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Section 18, T24N, R3W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
N. Mexico

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐	WATER SHUT-OFF	☐
FRACTURE TREAT	☐	FRACTURE TREATMENT	☐
SHOOT OR ACIDIZE	☐	SHOOTING OR ACIDIZING	☐
REPAIR WELL	☐	(Other)	☐
(Other)	☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
PULL OR ALTER CASING	☐	REPAIRING WELL	☐
MULTIPLE COMPLETE	☐	ALTERING CASING	☐
ABANDON*	☐	ABANDONMENT*	☐
CHANGE PLANS	☐		
NAME CHANGE	☒		

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 change the name of this well from the Tonkin Federal #18-1E to the Tonkin Federal #5 to conform to State well designation rules.

Please make the necessary changes to documents filed under the previous name.

ACCEPTED FOR RECORD

NOV 19 1986

FARMINGTON RESOURCE AREA

BY CAZ

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

SIGNED Vandy Hash TITLE Drilling Engineer DATE 11/17/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMOCC

