

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 ☐	7. UNIT AGREEMENT NAME ---
2. NAME OF OPERATOR ARCO Oil & Gas Co., Division of Atlantic Richfield Co.	8. FARM OR LEASE NAME ARCO Hill
3. ADDRESS OF OPERATOR P. O. Box 1610, Midland, TX 79702	9. WELL NO. 23-1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1810' FNL & 345' FWL	10. FIELD AND POOL, OR WILDCAT W. Lindrith-Gallup/Dakota
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 23-25N-3W
14. PERMIT NO.	12. COUNTY OR PARISH Rio Arriba
15. ELEVATIONS (Show whether OF, BT, OR, etc.) 7310' GR	13. STATE NM

RECEIVED

AUG 06 1986

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

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) Flare Produced Gas	X

SUBSEQUENT REPORT OF:

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

(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.)*

The subject well has been undergoing production testing since July 9, 1986. As of July 30, 1986. Approximately 50 BOPD and 50 BWPD (frac load water) were being swabbed from the well. Current vented gas production is estimated to be less than 100 MCFD. Total estimated gross recoverable reserves for the well are 146 MBO and 595 MMCF.

Negotiations are currently being diligently pursued with El Paso Natural Gas to obtain a pipeline connection for the well's casinghead gas production. ARCO Oil and Gas Company respectfully requests permission to continue venting gas production until October 31, 1986, at which time a pipeline connection is expected.

During the interim, the well will continue to be tested in order to remove the frac load water. Shutting-in of the well at this time may result in formation damage due to the remaining load water causing an increase in the formation water saturation. A loss in recoverable reserves would thus result.

Approved until September 18, 1986.

Approved contingent upon payment of compensatory royalty.

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

SIGNED

David Coyne

TITLE

Operations Analyst

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

AS AMENDED

DATE AUG 18 1986

AUG 19 1986

OIL CON. DIV.

AREA MANAGER

*See Instructions on Reverse Side

NMOCO

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.

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.

WELL NAME AND NUMBER ARCO HILL 23-1

LOCATION Sec 23, T25N, R3W, Rio Arriba Co.

(New Mexico give U, S, T, & R; Texas give S, Blk., Sur. & Twp. when required.)

OPERATOR Arco Oil & Gas Co.

DRILLING CONTRACTOR Aztec Well Servicing Co., Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/4° @ 50'</u>	<u>3/4° @ 2704'</u>	<u>1° @ 7892'</u>	<u> </u>
<u>1/2° @ 170'</u>	<u>3/4° @ 3205'</u>	<u>2° @ 8251'</u>	<u> </u>
<u>3/4° @ 295'</u>	<u>1 1/4° @ 3702'</u>	<u> </u>	<u> </u>
<u>1° @ 345'</u>	<u>1 1/2° @ 3919'</u>	<u> </u>	<u> </u>
<u>1° @ 412'</u>	<u>1 1/2° @ 4115'</u>	<u> </u>	<u> </u>
<u>3/4° @ 470'</u>	<u>1 1/4° @ 4271'</u>	<u> </u>	<u> </u>
<u>1/4° @ 534'</u>	<u>3/4° @ 4509'</u>	<u> </u>	<u> </u>
<u>1/4° @ 596'</u>	<u>1/2° @ 4736'</u>	<u> </u>	<u> </u>
<u>3/4° @ 660'</u>	<u>1/2° @ 4976'</u>	<u> </u>	<u> </u>
<u>3/4° @ 713'</u>	<u>1/4° @ 5290'</u>	<u> </u>	<u> </u>
<u>1 1/4° @ 770'</u>	<u>1/2° @ 5570'</u>	<u> </u>	<u> </u>
<u>1° @ 929'</u>	<u>1/2° @ 6070'</u>	<u> </u>	<u> </u>
<u>1° @ 1428'</u>	<u>0° @ 6563'</u>	<u> </u>	<u> </u>
<u>1 1/4° @ 1925'</u>	<u>3/4° @ 7060'</u>	<u> </u>	<u> </u>
<u>1° @ 2205'</u>	<u>3/4° @ 7560'</u>	<u> </u>	<u> </u>

Drilling Contractor Aztec Well Servicing Co.

By Ken Lohr

Subscribed and sworn to before me this 24th day of June, 1986

RECEIVED

AUG 25 1986

My Commission Expires:

OIL CON. DIV.

1-3-87

Sally Tandel
Notary Public

San Juan County, New Mexico