

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.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

ARCO Oil and Gas Company, Division of 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

1810' FNL, 345' FWL, Sec. 23-25N-R3W

RECEIVED

JUN 18 1986

14. PERMIT NO.

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

7340' GL

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.
Fee Surface NM-U4075

FED Minerals

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

M. Mosler Ranch

9. WELL NO. Arco Hill

23-1

10. FIELD AND POOL, OR WILDCAT

W. Lindrith Gallup/Dakota

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

Sec. 23-25N-R3W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

NM

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Reclamation

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.)*

We hereby request approval to spread used drilling fluids from the ARCO Hill 23-1 well onto BLM roads located in Section 14-T25N-R3W.

The purpose of this is for dust abatement on unpaved roads, road upgrading and construction, as well as to dispose of these non-toxic substances. This work has been approved by the local landowner, Mr. Tony Schmitz, Sr., and we also reference telephone conversations between Mr. Arlin Hiner of the Farmington BLM office and our wellsite supervisor, Mr. R. A. Schwering.

Samples taken from the ARCO Hill 23-1 reserve pit will be submitted for your approval of this notice.

Should you have any questions please contact Mr. Don McKelvey at (915) 688-5682.

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

SIGNED

W. Jam Hill

TITLE

Area Production Superintendent

DATE

06-17-86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JUN 19 1986

AM

AREA MANAGER

*See Instructions on Reverse Side

CDS LABORATORY
75 SUTTLE STREET
PO BOX 2605
DURANGO CO 81302
(303) 247-4220

ARCO OIL & GAS CO
ATTN ROBERT SCHWERING
1112 5th ST
GOLDEN CO 80403
JUNE 17, 1986

CDS ID# 2809
SAMPLE DESCRIPTION: ARCO HILL #23-1
DATE TAKEN: TIME: p.m.
DATE RECEIVED IN LAB: 6/11/86

TRACE METALS

TOTAL DISSOLVED mg/L

Aluminum
Antimony
Arsenic
Barium
Beryllium
Bismuth
Boron
Cadmium
Calcium 16.6
Chromium
Total
+3 Form
+6 Form

Cobalt

Copper

Iron

Lead

Magnesium

Manganese

Mercury

Molybdenum

Nickel

Phosphorus

Potassium 13.2

Selenium

Silver

Sodium 588

Thallium

Tin

Uranium as U308

Vanadium

Zinc

CHEMICAL PARAMETERS

mg/L

Bicarbonate as CaCO3

Hydroxy as CaCO3

Carbonate as CaCO3

Carbon Dioxide

COD

Chloride 44

Chlorine

Chlorine Demand

Coliform

Cyanide

Fluoride

MBAS

Nitrogen:

Ammonia

Nitrate

Nitrite

Total Kjeldahl (TKN)

Oil and Grease

Phenols

Phosphate

Silica

Sulfate 440

Sulfide

SAR

TOC

+/- Balance

O & G 39

PHYSICAL PARAMETERS

Acidity mg/L

Alkalinity (CaCO3) 920 mg/L

Color

Resistivity ohm-cm

Conductivity umhos/cm

Hardness (CaCO3) 69 mg/L

pH 7.32 units

Specific Gravity mg/L

Temperature degrees C.

Total Combustables mg/L

Total Dissolved Solids 2330 mg/L

Total Solids mg/L

Total Suspended Solids mg/L

Turbidity (as NTU) mg/L

RADIONETRIC ANALYSIS

pCi/L

Gross Alpha

Gross Beta

Radium 226

Radium 228

This laboratory report may not be published or used for
advertising or in connection with advertising of any
kind without prior written permission from CDS Laboratories.
Results are based on analysis made at the time samples
are received at the laboratory.

APPROVED BY

DR. JOE BOWDEN, DIRECTOR

COPY

CDS LABORATORIES

A DIVISION OF CASA DEL SOL, INC.

CDS LABS (303) 247-4220

(303) 247-4220

75 Suttle Street

P. O. Box 2605

DURANGO, COLORADO 81301



Date: JUNE 17, 1986

CDS Lab ID # 2809

To: ARCO OIL & GAS CO
ATTN ROBERT SCHWERING
1112 5th ST
GOLDEN CO 80403

Sample Description:
ARCO HILL #23-1

EP TOXICITY LEVELS

	mg/L
As	<2.
Ba	<0.5
Cd	<0.05
Cr	<0.2
Pb	<0.5
Hg	<.001
Se	<1.
Ag	<0.2

COPY

Dr. Joe Bowden

Director

THIS LABORATORY REPORT MAY NOT BE PUBLISHED OR USED FOR ADVERTISING OR IN CONNECTION WITH ADVERTISING OF ANY KIND WITHOUT PRIOR WRITTEN PERMISSION FROM CDS LABORATORIES. RESULTS ARE BASED ON ANALYSIS MADE AT THE TIME SAMPLES ARE RECEIVED AT LABORATORY.

Members of:
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS
AMERICAN SCIENTIFIC AFFILIATION
SIGMA XI