

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

3. LEASE DESIGNATION AND SERIAL NO.

SF 078482

5. IF INDIAN, ALLOTTEE OR TRIBE NAME

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. NAME OF OPERATOR
ARCO Oil and Gas Company, Division of Atlantic Richfield Co.

2. ADDRESS OF OPERATOR
P. O. Box 1610, Midland, TX 79702

3. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
800' FNL & 800' FWL

14. PERMIT NO.
30-045-25853

15. ELEVATIONS (Show whether OF, TO, OR, etc.)
6770' GL

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

6. UNIT AGREEMENT NAME

7. FARM OR LEASE NAME

8. WELL NO.
Crow Mesa #1

10. FIELD AND POOL, OR WILDCAT

11. SEC. T. R. N. OR BLM AND
SURVEY OR AREA
23-25N-8W

12. COUNTY OR PARISH
San Juan

13. STATE
NM

RECEIVED

APR 23 1986

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PILL OR ALTER CASING ☐
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐ ABANDON* ☐
REPAIR WELL ☐ CHANGE PLANE ☐
(Other) Update Gas Flare Permit ☒

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.)

ARCO Oil and Gas Company respectfully requests permission to flare associated gas produced from the subject well. The low gas rate of 17 MCFD @ 60 psig WHP and the depressed gas market will not pay out the cost of the facilities required to connect this well to the nearest pipeline. In fact, the well will not flow to the pipeline which is at 300 psi. Shutting in the well will result in the potential loss of approximately 13,000 BOE in oil reserves. The flaring of associated gas if continued for the life of the well would result in the loss of only 3,250 BO equivalent. Total initial gas reserves were less than 40 MMF.

The maximum conservation of energy would be to produce the oil (10 BOPD) while flaring the gas (17 MCFD). Therefore, we request a flaring permit for up to 30 MCFD for an indefinite period of time but with cumulative flared volume not to exceed 40 MMSCF of gas. This permission will allow the most efficient use of the energy reserves developed in the Crow Mesa #1 well.

This Approval [Signature]
Expires 4/25/87

Not to exceed 30 MCFD

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

SIGNED Stephen Rose

TITLE Prod. Supt.

DATE 4/18/86

(This space for Federal or State office use)

APPROVED BY [Signature]
CONDITIONS OF APPROVAL, IF ANY:

TITLE APR 28 1986

DATE 4/25/87

OIL CON. DIV.
NMOC

*See Instructions on Reverse Side