

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLI  
(Other Instructions on  
reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM0299468

6. 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.)

RECEIVED

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

ARCO-Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Power Grayburg San Andres

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

Sec. 5, T-18-S, R-31-E

12. COUNTY OR PARISH 13. STATE

Eddy

New Mexico

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

The Eastland Oil Company

OCT 18 1978

3. ADDRESS OF OPERATOR

P. O. Drawer 3488, Midland, Texas 79702

O. C. C.  
ARTESIA, OFFICE

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

660' FNL and 810' FNL

14. PERMIT NO.

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

3685 GR

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

(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-Federal #1 was completed by setting 4 1/2" casing to total depth of 3684 feet and cementing with 250 sacks of class C - Pozmix. Estimated top of cement is 2300 feet from surface. Cement is circulated behind the 8 5/8" casing set at 712 feet. The hole was plugged back to 3570 feet and perforated in three zones: 3410'-3418', 3473'-3477', and 3512'-3514'.

Oil production has declined to less than one (1) barrel per day and water production has increased to 100 barrels per day. The well is no longer economical to produce. ARCO-Federal #4 was completed in July 1978 on this 40-acre proration unit.

It is proposed to plug and abandon by pulling rods, tubing, and packer, and setting a wire line bridge plug in the 4 1/2" casing at 3300', with 20 feet cement dumped on the plug. The hole will be loaded with 9.6# mud and an attempt made to recover 2300' of 4 1/2" casing. A plug will be placed at 1660'-1560' w/50 sacks (base of salt at 1610'), a plug at 760 feet with 50 sacks in and out of surface casing, and 10 sacks from 30 feet to surface. A 4" marker will be placed at the surface.

Work is expected to begin September 20, 1978.

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

SIGNED

*George J. ...*

TITLE

Superintendent

DATE

9-6-78

(This space for Federal or State office use)

APPROVED BY

*Joe D. Lara*

TITLE

ACTING DISTRICT ENGINEER

DATE

OCT 17 1978

CONDITIONS OF APPROVAL, IF ANY:

*subject to setting a 50sx plug in + out of the 4 1/2" casing stub*

\*See Instructions on Reverse Side