

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Budget Burden No. 1004-1  
Expires August 31, 1985

3. LEASE DESIGNATION AND SERIAL NO.

LC 067858

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Empire Abo Unit "N"

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

Empire Abo

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

11-18S-27E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

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 Company

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

1618 FNL & 330 FWL (Unit Letter B)

14. PERMIT NO.

15. ELEVATIONS (Show whether F, RT, CR, etc.)

GL-3548 3544

O. C. D.  
ARTESIA, OFFICE

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 COMPLETION

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.)

9-24 Ran swab to clean out paraffin. NU BOP.

9-25 GIH w/RBP. Test csg to 1000#.ok Spot 2 sx sd on RBP. Ran Free pipe recovery log F /5806-surf.TOC @ 4526'.

9-26 Perf'd 4 sqz holes. GIH w/pkr. Estd PIR thru sqz hole. Unable to est circ. Cmt'd hole @ 4490' w/550 sx C1 "H" w/4% gel foll'd w/100 sx C1 "H" Neat, did not circ cmt.

9-29 Ran temp survey. TOC @ 5085'. Perf'd w/4 shots @ 2960'. WIH w/pkr. Estd PIR thru perf. No returns out ann. WIH w/CICR. Cmt'd hole @ 2960' w/450 sx C1 "H" w/4% gel foll'd w/100 sx C1 "H" Neat to SP 1000#. Did not circ cmt. Ran temp survey. TOC @ 912'. Perf'd csg @ 875' w/4 shots. Estd circ @ 875'. WIH w/pkr and cmt'd perf @ 875' w/290 sx C1 "H" Neat. Cmt circ'd. Sqzd 2-1/2 bbls cmt behind perf.

9-30 D/O cmt f/715-757', CR @ 757' & cmt to 772'.

10-1 D/O cmt f/772-879'. Tested csg to 1000# ok. DO cmt f/2766-2815', CR @ 2815'. Cmt f/2815-2873'.

10-2 D/O cmt f/2873-2964'. Tested perfs to 1000#. WIH w/pkr. Est PIR into perfs @ 2960'. Re-cmt'd perfs @ 2960' w/150 sx C1 "H" Neat to SP 1500#. Reverse ~~out~~ 9 bbls cmt. Press tbq 1500# ok.

10-3 D/O cmt f/2719-2903'

10-6 D/O cmt f/2903-2996'. Tstd csg to 1000#. DO CR @ 4345' & cmt to 4495'. Tst 5-1/2" csg to 1000#. circ hole w/form water.

10-7 Rtve RBP. ND BOP. NU WH. WIH w/rods and pump. Return to Production.

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

915-688-5672

SIGNED

Ken W. Gosnell

TITLE

Engr. Tech. Spec.

DATE

12-17-86

(This space for Record or State Office Use)

(ORIG. SGD.) DAVID R. GLASS

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

CARLSBAD, NEW MEXICO \*See Instructions on Reverse Side