

Form 9-331  
(May 1963)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC-047633 (b)

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.)

1.

OIL WELL ☐ GAS WELL ☐ OTHER Water Injection Well

2. NAME OF OPERATOR ARCO Oil and Gas Company

Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR

Box 1710, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*

See also space 17 below.)  
At surface

750' FSL &amp; 2060' FWL (Unit letter N)

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

14. PERMIT NO.

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

3694' GR

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Swearingen "B"

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Shugart Queen (Y.S.R. Q.A.)

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

14-18S-31E

12. COUNTY OR PARISH

13. STATE

Eddy

N.M.

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

Plug &amp; Abandon

X

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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.)\*

TD 3525', PBD 3488'. Fresh water injection into this well has become uneconomical and shut in 2/27/76. Present perforated interval is 3428-3438'.

8-5/8" OD 24# J-55 csg set @ 786'. Cmtd to surf.

4 1/2" OD 9.5# J-55 csg set @ 3524'. Cmtd w/300 sx. Estimated TOC @ 2350'.

Top of salt 858', btm of salt 2107'.

Propose to change P&amp;A plans submitted to USGS on 3/30/76 and approved on 3/31/76 in the following manner.

1. Rig up, kill well, install BOP, POH w/compl assy.
2. RIH w/cmt retr, set retr @ 3325'.
3. Attempt to establish circ behind 4 1/2" csg.
4. Squeeze perfs 3428-38' w/75 sx Cl C cmt. PO of retr, spot 35' cmt on top of retr.
5. Perforate 4 1/2" OD csg @ 2150' w/4 JS. Attempt to establish circ to surf.
6. Set cmt retr @ 2050'.
7. Squeeze cmt thru perfs @ 2150' w/450 sx salt saturated cmt, leave 35' cmt on top of retr
8. Spot 100' cmt plug 850-750' if temp survey indicates cmt @ 725' FS or above.
9. If no cmt indicated 725' or above, perf 4 1/2" csg @ 900', set cmt retr @ 800' & cmt w/100 sx salt saturated cmt. Spot 50' cmt on top of retr.
10. Run temp survey to verify cmt in 8-5/8" x 4 1/2" annulus.
11. Spot 10 sx cmt @ surf, install dry hole marker. Heavy gelled mud to be placed between all cmt plugs.

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

SIGNED

S.R. Kfn L.D. LANE

TITLE Dist. Drlg. Supt.

DATE 8/8/79

(This space for Federal or State office use)

(Orig. Sgd.) ALBERT R. STALL

ACTING DISTRICT ENGINEER

DATE AUG 10 1979

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY: