

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRI  
(Other instructio.  
verse side)DATE\*  
on re-Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC-060888

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Empire South Deep

8. FARM OR LEASE NAME Empire South  
Deep Unit Gas Com.

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

South Empire - Morrow

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

5-18-29 NMPM

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

Dry Hole

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS OF OPERATOR

P. O. Drawer "A", Levelland, Texas 79336

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

660' FNL and 990' FWL Section 5 (Unit D, NW/4 NW/4)

14. PERMIT NO.

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

3572.7 GL

16.

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

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☒  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐

REPAIRING WELL

☐  
☐  
☐  
☒

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) DST #1

(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 perti-  
nent to this work.)\*

Reached TD 11,194' 7/18/76 and run logs. Run DST #1 10,760' to 11,194'. Initial Hydrostatic Head 5,416 PSI, on 15 min. preflow good blow of air, initial BHP flow 266 PSI, Final BHP flow 266 PSI, initial 60 min. SI BHP 723 PSI, tool open 60 min., weak blow of air increasing to fair blow of air, gas to surf. 45 min., maximum 6 PSI on 1/2" choke decreasing to zero on 1/4" choke in 60 min., gas TSTM (est. 10 MCFD). Final 180 min. BHP SI 4,203 PSI, final Hydrostatic Head 5,416 PSI, BH temp. 162 Deg. F, BH samples at 105 PSI rec. 0.75 cu. ft. gas, no condensate, no formation water, no drilling fluid, rec. 303 ft. drilling mud, effective DST with no apparent malfunction. Per telecon Bauer to Beckman, verbal approval received to PXA well due to no commercial shows.

RECEIVED

JUL 28 1976

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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

SIGNED

Ray W. Cox

Ray W. Cox

TITLE

Administrative Assistant

DATE

7/27/76

(This space for Federal or State office use)

APPROVED BY

Lee D. Lora

TITLE ACTING DISTRICT ENGINEER

DATE

DEC 7 1976

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

0 & 4 - USGS-ART  
1 - Div  
1 - RC  
1 - Susp  
20 - PARTNERS