

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN  
(Other last  
verse side)

IPPLICATE\*  
Join on re

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 86710

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lost Tank SWD

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Lost Tank (Delaware)

11. SEC., T., R., M., OR B.L.K. AND  
SUBST OR AREA

Sec. 31, T21S, R32E

12. COUNTY OR PARISH

Lea

13. STATE

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

Water Injection SWD

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

4001 Penbrook St., Odessa, Texas 79762

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

Unit E, 1980' FNL & 660' FWL

14. PERMIT NO.

30-025-31443

15. ELEVATIONS (Show whether OF, BT, OR, etc.)

3646' GL

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Convert to WI SWD

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

(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.)\*

Formerly named Luke Fed #1. Request name change. Conversion to SWD approved by NMOCD 5/27/92 Order #SWD 475.

1. MI & RU DDU. Install Class 2 BOP equipment. Pressure test BOP and 5-1/2" casing to 3000 psi.
2. PU and GIH with 4-3/4" bit and six 3-1/2" drill collars on 2-7/8", 6.5 lb/ft EUE, 8rd, N-80 workstring. Drill out DV tool and tag cement. Pressure test DV tool to 1500 psi. COOH with 2-7/8" workstring, drill collars and bit.
3. Set CIBP @ 6350'.
4. GIH with 2-7/8" workstring to +6050'. Pickle workstring with 500 gallons 15% HCl. Displace acid to 6050' with produced water. Reverse out spent acid with produced water. Spot 1000 gallons 20% acetic acid using produced water to displace spot. COOH with 2-7/8" workstring.

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

SIGNED

*L. M. Sanders*  
L. M. Sanders

TITLE

Supervisor, Regul. & Pror

DATE

7/13/92

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

7/15/92

Subject to  
Like Approval  
by State

\*See Instructions on Reverse Side

5. Perforate 5-1/2" casing with 4" casing gun, 1 JSPF, as follows:

5296'-5326'	31 shots	5716'-5748'	33 shots
5373'-5386'	14 shots	5776'-5792'	17 shots
5442'-5462'	21 shots	5820'-5830'	11 shots
5496'-5506'	11 shots	5838'-5878'	41 shots
5552'-5573'	22 shots	5892'-5916'	25 shots
5604'-5636'	33 shots	5930'-5966'	37 shots
5654'-5666'	13 shots	5982'-6012'	31 shots
TOTAL = 340 shots.			

6. Place 4 sacks of Class "C" cement (1.32 cu ft/sk) on CIBP with dump bailer. The anticipated TOC on CIBP is 6310'.
7. GIH with 5-1/2" RTTS-type packer on 2-7/8" workstring. Set packer at  $\pm 5050'$ .
8. Load tubing-casing annulus with produced water, pressure to 500 psi and monitor during breakdown. Load workstring with produced water. Pressure acid into Delaware perforations 5296'-6012' with a maximum surface pressure of 3500 psi. Shut-in 30 minutes to allow acid to spend.
9. Swab back spent acid from Delaware perforations 5296'-6012'.
10. Release packer. COOH with 2-7/8" workstring and packer.
11. GIH with Baker Lok-Set packer and on-off tool on 2-7/8", J-55, 6.5 lb/ft, EUE, internally plastic coated tubing to  $\pm 5250'$ . Load tubing-casing annulus with 83 bbls of 2% KCl water mixed with one drum of Tretolite KW-170 as packer fluid. Set packer @  $\pm 5250'$  in 5000 lbs tension.
12. Pressure test tbg-csg annulus to 500 psi and run an integrity test using a pressure recorder. Notify the BLM to witness the test. RD & MO DDU.
13. Conduct step-rate test through Delaware perforations 5296'-6012' as follows:
- MI & RU mast truck.
  - Install flow tee. RU lubricator.
  - RIH with 5000 psi Geo-data Surface Readout BHP probe and 5000 psi Amerada RPG pressure gauge on electric wireline to  $\pm 5650'$ .
  - RU manifold to flow tee & pump discharge. RU pump intake to frac tanks.
  - Conduct step-rate test. Number of injection periods (8-12) and duration of each period (10 min - 30 min) to be determined on location.
  - COOH with pressure gauges. RD lubricator, mast truck, and manifold.
14. Place well on disposal service at a maximum pressure of 900 psi.

RECEIVED

JUL 20 1992

OCD-HOBBS OFFICE