

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TR. "CATE"  
(Other instructions on re-  
verse side)

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

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER SWD <input checked="" type="checkbox"/>                                                   | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM 70335                              |
| 2. NAME OF OPERATOR<br>Phillips Petroleum Company                                                                                                                      | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                         |
| 3. ADDRESS OF OPERATOR<br>4001 Penbrook St., Odessa, TX 79762                                                                                                          | 7. UNIT AGREEMENT NAME                                                       |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.<br>See also space 17 below.)<br>At surface<br>Unit N, 1980' FWL & 990' FSL | 8. FARM OR LEASE NAME<br>Livingston Ridge Fed                                |
| 14. PERMIT NO.<br>30-015-21050                                                                                                                                         | 9. WELL NO.<br>9                                                             |
| 15. ELEVATIONS (Show whether SP, ST, OR, etc.)<br>3337'GL; 3356'DF                                                                                                     | 10. FIELD AND POOL, OR WILDCAT<br>Cabin Lake (Delaware)                      |
|                                                                                                                                                                        | 11. SEC., T., R., N., OR S.E. AND<br>SURVEY OF AREA<br>Sec.1, T-22-S, R-30-E |
|                                                                                                                                                                        | 12. COUNTY OR PARISH<br>Eddy                                                 |
|                                                                                                                                                                        | 13. STATE<br>NM                                                              |

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

| NOTICE OF INTENTION TO:                                         |                                               | SUBSEQUENT REPORT OF:                                                                                 |                                          |
|-----------------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------|
| TEST WATER SHUT-OFF <input type="checkbox"/>                    | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/>                                                               | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREAT <input type="checkbox"/>                         | MULTIPLE COMPLETE <input type="checkbox"/>    | FRACTURE TREATMENT <input type="checkbox"/>                                                           | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/>                       | ABANDON* <input type="checkbox"/>             | SHOOTING OR ACIDIZING <input type="checkbox"/>                                                        | ABANDONMENT* <input type="checkbox"/>    |
| REPAIR WELL <input type="checkbox"/>                            | CHANGE PLANS <input type="checkbox"/>         | (Other) <input type="checkbox"/>                                                                      |                                          |
| (Other) Convert to Oil Well <input checked="" 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 data, 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.)

1. MI&RU DDU. NU Class 2 BOP.
2. Release Lok-set pkr. set at 3800'. COOH laying down 2-7/8" tubing.
3. GIH w/bit & drill collars on new 2-7/8" prod. tbg. to +4950'.
4. Drill out cement plug at 4964' and CIBP at 5000'. COOH w/tbg., drill collars and bit.
5. PU and GIH w/CIBP and pkr. on 2-7/8" tbg. Test tbg. to 5500 psi while GIH. Set CIBP at +6000'. Set pkr. and test CIBP to 1000 psi. Pull up hole to +5870'. Spot 25 bbls. 20% acetic acid using produced water to load the hole and displace spot. COOH w/tbg. and pkr.
6. RIH and dump 8 sx Class "H" cement on CIBP at +6000'. Calculated TOC = 5963'. Perf. 7-5/8" csg. w/4" csg. gun, 1 JSPF, at the following depths: 5824'; 5826'; 5828'; 5830'; 5832'; 5834'; 5836'; 5838'; 5840'; 5842'; 5844'; 5846'; 5848'; 5850'; 5852'; 5854'; 5856'; 5858'; 5860'; 5862'; 5864'; 5866'. Total 22 Shots.
7. GIH w/pkr. on 2-7/8" tbg to +5750'. Pump 16 bbls produced water down tbg-csg. annulus to circulate spot acid inside 2-7/8" tbg. Set pkr. at +5750'.
8. Pressure acid into Delaware perforations 5824-5866' w/a maximum surface pressure of 2000 psi. Shut-in 30 mins. to allow acid to spend.
9. Swab back spent acid.
10. Fracture treat the Delaware through perfs. 5824-5866' as follows:  
Frac Fluid: 4,000 gals. 35-lb. linear gel (3% diesel) prepad, 26,000 gals borate x-linked 35-lb. gel (3% diesel) pad and 3,000 gals 35-lb linear gel (3% diesel) carrying 14,250 lbs. 20/40 mesh Ottawa sand and 10,000 lbs. 16/30

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

SIGNED L. M. Sanders

TITLE Supv., Reg. Affairs

DATE 1-15-93

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

2-4-93

\*See Instructions on Reverse Side

mesh Ottawa sand.

11. RIH w/SLM and tag fill. Cl-an out to +5800'.
12. Swab.
13. RIH w/SLM and tag fill. Clean out if necessary. COOH w/2-7/8" tbg. and pkr.
14. GIH w/2-7/8" production tubing to +5730'.
15. Set Baker Lok-set pkr. at +5700'. ND BOP.
16. GIH w/pump and rod string.
17. MI and set up pumping unit. Space out well and place on production.