| APPROVED BY _<br>CONDITIONS OF  | APPROVAL, IF   | ANY:   | TITLE                                      |   |  | DATE  | <del></del>     |  |  |
|---|--|--|--|---|--|---|-----------------|--|--|
| SIGNED  | L. Sanders deral or State of   | ice use)                                       | TITLE                                      |   |  | _ DATE  |                 |  |  |
| 18. I hereby certify th   | at the foregoing   | s true and correct                             | Superv<br>Regul                            | isor,<br>ation and Prora                            | tion   | . 12  | /13/90          |  |  |
|   |  |  |  |   |  | •   |                 |  |  |
|   |  |  |  |   | A  | ha  |                 |  |  |
| 77  | 716'. DV t   | ool @ 5596'                                    | . Cemented                                 | ts. 5-1/2", 15.<br>w/400 sacks C1<br>560'. Temp. dr | ass C  | Neat, 14.8 pp   | g, 1.32 yield,  |  |  |
| 9.  | 9 gal./sac   | k & 200 sac                                    | ks Class C,                                | 10#/sacks salt                                      | , 15.2                                       | 2 ppg, 1.38 yi  |                 |  |  |
|   | Ran 86 jts. 8-5/8", 24#, K-55, ST&C casing & set @ 3700'.<br>Cemented w/1400 sacks Class C 65/35 POZ, 6% gel, 15# salt, 13.2 ppg, 1.92 yield,  |  |  |   |  |   |                 |  |  |
|   | rilling 12-  |  |  |   |  |   |                 |  |  |
| 11/22/90 WC   |  |  | ing to 1000                                | psi - OK.   | 1.   |   |                 |  |  |
| C1<br>su  | ass C, 2%<br>urface.   | CaCl, 14.8                                     | ppg, 1.32 y                                | &C Casing & set ield, 6.3 gal./                     |  |   |                 |  |  |
| 11/20/90 MI   | [ & RU dril  | ling rig.                                      | Spud 17-1/2                                | " hole.   |  |   |                 |  |  |
| 17. DESCRIBE PROPOSE;<br>proposed work,<br>nent to this work  |  | PERATIONS (Clearly a<br>sionally drilled, give | state all pertinent<br>subsurface location | details, and give pertinen                          |  |   | <del></del>     |  |  |
| REPAIR WELL (Other)   |  | CHANGE PLANS                                   |  | (Other) Spud and (Note: Report Completion or        | d set<br>results o                           | casing of multiple completion tion Report and Log for                   | on Well         |  |  |
| FRACTURE TREAT SHOOT OR ACIDIZE   |  | MULTIPLE COMPLE                                | TE   | FRACTURE TREATMEN<br>SHOOTING OR ACIDIZ             | ING -  | ALTERING C  | [ <del></del> - |  |  |
| TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF   |  |  |  |   |  | REPAIRING WELL  |                 |  |  |
|   | Check Appropriate box to indicate Nature of Notice, Report, or the second of the secon |  |  |   |  |   | Other Data      |  |  |
| 30-013-2043   |  | <u>'</u>                                       | ' Unprepare                                | <del></del>   |  | Eddy  | I NM            |  |  |
| 14. PERMIT NO.<br>30-015-2643   | 27   | 1  | (Show whether pr.                          |   |  | 12. COUNTY OR PARISE  | 1               |  |  |
| BHL Unit E, 1980' FNL & 660' FWL  |  |  |  |   |  | Sec. 1, T-22-S, R-30-E  |                 |  |  |
| Unit E, 1450' FNL & 660' FWL  |  |  |  |   |  | Cabin Lake (Delaware)  11. SBC., T., R., M., OR BLE. AND SURVEY OR AREA |                 |  |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface |  |  |  |   |  | 10. FIELD AND POOL, OR WILDCAT  |                 |  |  |
| 4001 Penbrook St., Odessa, Texas 79762  |  |  |  |   |  | 3   |                 |  |  |
| PHILLIPS PETROLEUM COMPANY  3. ADDRESS OF OPERATOR  |  |  |  |   |  | Livingston Ri   | dge Fed         |  |  |
| 2. NAME OF OPERATO  |  |  | · · · · · · · · · · · · · · · · · · ·      | AREA HEADOUAL                                       | RIERS  | 8. PARM OR LEASE NA   | M.B.            |  |  |
| OIL CAB   |  |  |  | DEC 14 11 OH A                                      | וח סת  | 7. UNIT AGREEMENT N   | AMB             |  |  |
|   |  |  |  | ock to a different reservoir                        | M '90  | -   |                 |  |  |
| - CI  |  | TICES AND                                      |  | RECEIVED  | <u>)                                    </u> | 6. IF INDIAN, ALLOTTE   | E OR TRIBE NAME |  |  |
| Formerly 9-331)   |  | TMENT OF T                                     |  |   |  | Expires Augus 5. LEASE DESIGNATION                                      | AND SERIAL NO.  |  |  |
| orm 3160-5<br>lovember 1983)  |  | UN cD ST                                       | ATES                                       | SUBMIT IN TRIPL                                     | ICATE•                                       | Budget Bureau   | No. 1004-0135   |  |  |

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