

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

LC-028793-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Grayburg Deep Unit

9. WELL NO.

10

10. FIELD AND POOL OR WILDCAT  
5. Lago Hills Morrow  
Anderson (Pennsylvanian)11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec. 19, T-17-S, R-30-E

12. COUNTY OR  
PARISH  
Eddy13. STATE  
NM

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

RECEIVED

FEB 17 '88

O. C. D.

ARTESIA OFFICE

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

4001 Penbrook St., Odessa, TX 79762

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

At surface 660' FNL &amp; 2480' FWL (Unit C)

At top prod. interval reported below 660' FNL &amp; 2480' FWL (Unit C)

At total depth 660' FNL &amp; 2480' FWL (Unit C)

14. PERMIT NO.

30-015-25796

DATE ISSUED

8-19-87

15. DATE SPURRED

11-3-87

16. DATE T.D. REACHED

12-8-87

17. DATE COMPL. (Ready to prod.)

12-31-87

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*

3632' GL; 3647' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

11240'

21. PLUG, BACK T.D., MD &amp; TVD

11160'

22. IF MULTIPLE COMPL.,  
HOW MANY\*

--

23. INTERVALS  
DRILLED BY

--&gt;

ROTARY TOOLS

0-TD

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

10891'-10960' Pennsylvanian Morrow

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL-MSFL-GR, LSS Sonic GR TD-3500'; CNL-LDT-GR TD-Surface

27. WAS WELL CORED

NO

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD         | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|--------------------------|---------------|
| 13-3/8"     | 54.5#           | 429'           | 17-1/2"   | 500 sk Class C-Circ. 200 | sk            |
| 8-5/8"      | 32#             | 3510'          | 11"       | 2300 sk Pozmix C; Tail w | 200 sk C Neat |
| 5-1/2"      | 17#             | 11240'         | 7-7/8"    | 1st stage-450 sk "C"     |               |
|             |                 |                |           | 2nd stage-500 sk H & 100 | sk "C"        |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|------|----------|-------------|---------------|-------------|
| ---- |          |             |               |             |

30. TUBING RECORD

| SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------------|-----------------|
| 2-7/8" | 10778'         | 10747'          |

31. PERFORATION RECORD (Interval, size and number)

2-1/8" decentralized Enerjet gun w/13.5  
gram charges @ 2 SPF & 0 degree shot  
phasing 10891'-10898'; 10912'-10930';  
10947'-10960'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| --                  |                                  |
| 10891'-10898'       | 388                              |
| 10912'-10930'       | 535                              |

33.\* PRODUCTION

|                                   |                           |                                                                                          |                              |                 |                 |                                                                                |                     |
|-----------------------------------|---------------------------|------------------------------------------------------------------------------------------|------------------------------|-----------------|-----------------|--------------------------------------------------------------------------------|---------------------|
| DATE FIRST PRODUCTION<br>12/31/87 |                           | PRODUCTION METHOD ( <i>Flowing, gas lift, pumping—size and type of pump</i> )<br>Flowing |                              |                 |                 | WELL STATUS ( <i>Producing or shut-in</i> ) Shut-in pending gas sales contract |                     |
| DATE OF TEST<br>1/14/88           | HOURS TESTED<br>1         | CHOKE SIZE<br>10/64                                                                      | PROD'N. FOR TEST PERIOD<br>→ | OIL—BBL.<br>0   | GAS—MCF.<br>12  | WATER—BBL.<br>0                                                                | GAS-OIL RATIO<br>-- |
| FLOW. TUBING PRESS.<br>592        | CASING PRESSURE<br>packer | CALCULATED 24-HOUR RATE<br>→                                                             | OIL—BBL.<br>0                | GAS—MCF.<br>288 | WATER—BBL.<br>0 | OIL GRAVITY-APP. (CORR.)<br>--                                                 |                     |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

flared

TEST WITNESSED BY

Wes Stinson

35. LIST OF ATTACHMENTS

Logs furnished direct by logging company

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

W.J. Mueller

TITLE

Eng. Supervisor, Reservoir

DATE

1/5/88

\* (See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

| 37. SUMMARY OF POROUS ZONES:<br>SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING<br>DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES |       |        |                                | 38. GEOLOGIC MARKERS |             |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|--------------------------------|----------------------|-------------|------------------|
| FORMATION                                                                                                                                                                                                                                             | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.    | NAME                 | MEAS. DEPTH | TRUE VERT. DEPTH |
| San Andres                                                                                                                                                                                                                                            | 2712  | 4105   | Dolomite                       | San Andres           | 2712'       |                  |
| Glorieta                                                                                                                                                                                                                                              | 4105  | 5642   | Sand, Sandy Dolomite, Dolomite | Glorieta             | 4105'       |                  |
| Tubb                                                                                                                                                                                                                                                  | 5642  | 6200   | Sandy, Chert Dolomite          | Abo                  | 6268'       |                  |
| Abo                                                                                                                                                                                                                                                   | 6200  | 7600   | Dolomite, Minor Shale          | Wolfcamp             | 7600'       |                  |
| Wolfcamp                                                                                                                                                                                                                                              | 7600  | 8628   | Limestone                      | Cisco                | 8628'       |                  |
| Cisco                                                                                                                                                                                                                                                 | 8628  | 9253   | Limestone & Shale              | Canyon               | 9353'       |                  |
| Canyon                                                                                                                                                                                                                                                | 9253  | 10142  | Limestone & Shale              | Strawn               | 10142'      |                  |
| Strawn                                                                                                                                                                                                                                                | 10142 | 10342  | Limestone                      | Atoka                | 10342'      |                  |
| Atoka                                                                                                                                                                                                                                                 | 10342 | 10562  | Shale w/Minor Lime & Sand      | Morrow               | 10710'      |                  |
| Morrow                                                                                                                                                                                                                                                | 10562 | 11020  | Limestone, Shale, Sandstone    | Miss. Unconf.        | 11026'      |                  |
| Mississippian                                                                                                                                                                                                                                         | 11020 | 11240  | Shale                          |                      |             |                  |