

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

API No. 30-015-24442

5. LEASE DESIGNATION AND SERIAL NO.

LC-028784-C

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Keely C Fed

9. WELL NO.

57

10. FIELD AND POOL, OR WILDCAT

Grayburg-Jackson

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

Sec 26, T-17-S, R-29-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other

2. NAME OF OPERATOR  
Phillips Oil Company

3. ADDRESS OF OPERATOR  
Room 401, 4001 Penbrook St. Odessa, Texas 79762

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1650' FNL & 330' FWL (Unit E)

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. NA DATE ISSUED 3-14-83

15. DATE SPUNDED 1-25-84 16. DATE T.D. REACHED 2-01-84 17. DATE COMPL. (Ready to prod.) 4-06-84 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)\* 3574' GR 3587' KB 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 3503' 21. PLUG, BACK T.D., MD & TVD 3460' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Top Bottom  
Grayburg-San Andres 2145 3503' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN GR/Collar/CBL 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 |
|--|-----------------|----------------|-----------|--|---------------|
| 8-5/8"   | 32#             | 325'           | 12-1/4"   | 350 sx "C", 2% CaCl <sub>2</sub> , 1/4 # per sx cellophane                         |               |
| 4-1/2"   | 11.60#          | 3503'          | 7-7/8"    | 3# per sx gilsonite. Circ 450 sx "C", 5#/sx salt, 1/4 # sx cellophane & 400 sx "H" | 140 sx.       |
| DV tool @ 2081', 2nd stage; 850 sx TLW, 10% DD, 10# salt, 1/4"/sx cellophane |                 |                |           |  |               |

| 29. LINER RECORD |          |             |               |             | 30. TUBING RECORD circ 280 sx |                |                 |
|------------------|----------|-------------|---------------|-------------|-------------------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE                          | DEPTH SET (MD) | PACKER SET (MD) |
| --               | n-o-n-e  | ---         | ----          | -----       | 2-3/8'                        | 3406'          | ---             |

| 31. PERFORATION RECORD (Interval, size and number) perf'd w/3-1/8" CSG. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |  | 32. AMOUNT AND KIND OF MATERIAL USED |  |
|--|--|--------------------------------------|--|
| gun 2SPF from 3241-3444'; 2636-3109'   |  | DEPTH INTERVAL (MD)                  | AMOUNT AND KIND OF MATERIAL USED                                     |
| 2340'-2466'  |  | 3241-3444'                           | Trt'd w/3265 gals 15% NEFE HCL                                       |
|  |  | 3241-3444'                           | Frac'd w/40,000 gals Acidgel II, w/42,000 #20/40; 24,000# 12/20 sand |
|  |  | 3109'-2636'                          | Trt'd w/2125 gals 15% NEFE HCL                                       |

33. PRODUCTION (See back)

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
|-----------------------|-----------------|--|-------------------------|----------|------------|------------------------------------|---------------|
| 4-10-84               |                 | 2" X 1 1/2" X 12' insert pump  |                         |          |            | Producing                          |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE   | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 5-7-84                | 24              | ---  | ---                     | 46       | 25         | 197                                | 550           |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE  | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OH GRAVITY-API (CORR.)             |               |
| ---                   | ---             | ---  | ---                     | ---      | ---        | 36°                                |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold ACCEPTED FOR RECORD TEST WITNESSED BY Lendell Hawkins

35. LIST OF ATTACHMENTS Logs furnished direct by logging company MAY 21 1984

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED W. J. Mueller, Sr. Engineering Specialist DATE May 11, 1984

\*(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.)

#32 Cont. Treated perfs 2340 - 2466 with 1475 gals 7-1/2% NEFE HCL w/BS.  
 Frac'd perfs 2340 - 2466' with 13,000 gals of refined oil.

**37. SUMMARY OF POROUS ZONES:**  
 SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

| FORMATION | TOP  | BOTTOM | DESCRIPTION, CONTENTS, ETC. |
|-----------|------|--------|-----------------------------|
|           | 0    | 197    | Red Bed, Sand               |
|           | 197  | 325    | Red Bed                     |
|           | 325  | 1325   | Salt, Anhy.                 |
|           | 1325 | 1525   | Anhy, lime                  |
|           | 1525 | 1710   | Anhy, gyp, dolo             |
|           | 1710 | 1872   | Anhy, dolo                  |
|           | 1872 | 2082   | Dolo, lime                  |
|           | 2082 | 2218   | Anhy, dolo, sand            |
|           | 2218 | 2855   | Anhy, dolo                  |
|           | 2855 | 3500   | Dolo, lime                  |
|           |      | TD     |                             |

**38. GEOLOGIC MARKERS**

| NAME             | MEAS. DEPTH |   | TRUE VERT. DEPTH |
|------------------|-------------|---|------------------|
|                  | ↑           | ↓ |                  |
| Yates            | 869'        |   | (+2719)          |
| Seven Rivers     | 1173'       |   | (+2414)          |
| Queen            | 1805'       |   | (+1782)          |
| Penrose          | 2050'       |   | (+1537)          |
| Grayburg         | 2145'       |   | (+1442)          |
| Loco Hills       | 2272'       |   | (+1315')         |
| Metex            | 2389'       |   | (+1198)          |
| Premier          | 2513'       |   | (+1074)          |
| San Andres       | 2527'       |   | (+1060)          |
| Lovington Sand   | 2627'       |   | (+960)           |
| Lower San Andres | 2663'       |   | (+924)           |

RECEIVED  
 MAY 23 1984  
 C.C.D.  
 HOBBS OFFICE