

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other AUG 14 1987

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

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)\*  
At surface Unit J, 1331' FSL & 1331' FEL  
At top prod. interval reported below Unit J, 1331' FSL & 1331' FEL  
At total depth Unit J, 1331' FSL & 1331' FEL

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.

59

10. FIELD AND POOL, OR WILDCAT

Grayburg-Jackson-7R-Q-GB-SA

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

Sec. 25, T-17-S, R-29-E

14. PERMIT NO. 30-015-25714 DATE ISSUED 12/31/86

15. DATE SPUDDED 4/1/87 16. DATE T.D. REACHED 4/8/87 17. DATE COMPL. (Ready to prod.) 6/29/87 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 3581' GL 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 3500' 21. PLUG, BACK T.D., MD & TVD 3434' 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)\*  
Grayburg San Andres - 2589-3382'

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DLL-MSFL-GR Caliper, CNL-LDT-GR-Caliper, long spaced sonic

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"                                             | 24#             | 378'           | 12-1/4"   | 350 sk "C" circ. 75 sk   | --            |
| 5-1/2"                                             | 17#             | 3500'          | 7-7/8"    | 1175 sk "C" circ. 108 sk |               |
|                                                    |                 |                |           |                          |               |

| 29. LINER RECORD |          |             |               |             | 30. TUBING RECORD |                |                 |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE              | DEPTH SET (MD) | PACKER SET (MD) |
| ---              |          |             |               |             | 2-3/8"            | 3404'          | --              |

| 31. PERFORATION RECORD (Interval, size and number)                                            |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                                                                                    |
|-----------------------------------------------------------------------------------------------|--|------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Perforated 5-1/2" csg. w/4" csg. gun<br>2589'-3382' 2 shots per foot.<br>Net 106' - 212 holes |  | DEPTH INTERVAL (MD)                            | AMOUNT AND KIND OF MATERIAL USED                                                                   |
|                                                                                               |  | 2589'-3382'                                    | 8000 gal. 15% NeFe acid<br>78000 gal. gelled-crosslinked<br>2% KCL wtr. & 150,000# 20/40 mesh sand |

33. PRODUCTION

DATE FIRST PRODUCTION 7/15/87 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2"x1-1/2"x12' barrel pump WELL STATUS (Producing or shut-in) producing

DATE OF TEST 8/4/87 HOURS TESTED 24 CROKE SIZE PROD'N. FOR TEST PERIOD -- OIL—BBL. 14.02 GAS—MCF. 30.5 WATER—BBL. 3 GAS-OIL RATIO 2175/1

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE -- OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

ACCEPTED FOR RECORD

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

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 Ralph J. Roper TITLE Eng. Supervisor, Supervisor DATE 8/12/87

\*(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.

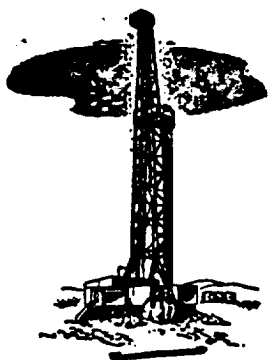
**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**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 |
| Redbed                                                                                                                                                                                                                                                | 0    | 480    |                             | Tansill              | 925         |                  |
| Salt, Anhyd.                                                                                                                                                                                                                                          | 480  | 925    |                             | Yates                | 1090        |                  |
| Dolo., Anhyd.                                                                                                                                                                                                                                         | 925  | 2453   |                             | Seven Rivers         | 1424        |                  |
| Dolo. & sand                                                                                                                                                                                                                                          | 2453 | 2921   |                             | Queen                | 2099        |                  |
| Dolo. & lime                                                                                                                                                                                                                                          | 2921 | 3500   |                             | Penrose              | 2357        |                  |
|                                                                                                                                                                                                                                                       |      |        |                             | Grayburg             | 2453        |                  |
|                                                                                                                                                                                                                                                       |      |        |                             | Loco Hills           | 2613        |                  |
|                                                                                                                                                                                                                                                       |      |        |                             | Metex                | 2745        |                  |
|                                                                                                                                                                                                                                                       |      |        |                             | Premier              | 2883        |                  |
|                                                                                                                                                                                                                                                       |      |        |                             | San Andres           | 2921        |                  |
|                                                                                                                                                                                                                                                       |      |        |                             | Lovington Sand       | 3045        |                  |



Telephone (505) 748-2205

**L & M DRILLING, INC. — Oil Well Drilling Contractors**

P. O. BOX 470 / ARTESIA, NEW MEXICO 88210

**PHILLIPS PETROLEUM CO.**

April 14, 1987

APR 16 1987

Phillips Petroleum  
4001 Penbrook  
Odessa, TX 79762

**RECEIVED**

AUG 24 '87

Re: Keely C. Federal #59  
1331' FSL & 1331' FEL  
Sec. 25, T17S, R29E  
Eddy County, New Mexico

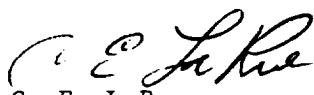
O. C. D.  
ARTESIA, OFFICE

Gentlemen:

The following is a Deviation Survey for the above captioned well.

| DEPTH | DEVIATION |
|-------|-----------|
| 378'  | 1°        |
| 602'  | 3/4°      |
| 907'  | 1°        |
| 1219' | 3/4°      |
| 1696' | 1°        |
| 2223' | 1°        |
| 2719' | 3/4°      |
| 3217' | 3/4°      |
| 3500' | 3/4°      |

Very truly yours,

  
C. E. LaRue  
Vice President

STATE OF NEW MEXICO       §  
COUNTY OF EDDY           §

The foregoing was acknowledged before me this 15th day of April, 1987.

  
NOTARY PUBLIC

