

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 063926

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

West Square Lake Unit Tr.6

8. FARM OR LEASE NAME

West Square Lake Unit TR.6

9. WELL NO.

-8

10. FIELD AND POOL, OR WILDCAT

West Square Lake G-5A

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

35-T16S-R30E

12. COUNTY OR  
PARISH

Eddy

13. STATE

N.M.

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

J. Cleo Thompson

3. ADDRESS OF OPERATOR

4500 Republic Bank Tower, Dallas, Texas 75201

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

At surface 660' FSL &amp; 2485' FWL of Sec. 35

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

NMCD R-7816

ARTESIA OFFICE

9-25-85

15. DATE SPUDDED

9-19-85

16. DATE T.D. REACHED

9-27-85

17. DATE COMPL. (Ready to prod.)

1-23-86 3-14-86

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

GR 3789.8

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

4000'

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

3966

22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

Grayburg-San Andres

3368-3638

25. WAS DIRECTIONAL  
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Laterolog

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      | 35#             | 507            | 17 1/2    | 500 sxs C 2% CaCl       | -0-           |
| 5 1/2       | 15.50 & 17      | 3998<br>4025   | 7 7/8     | 550 sxs C 4%            | -0-           |
|             |                 |                |           | 1825 sxs Dowell Hi Lite |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE     | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|----------|----------------|-----------------|
|      |          |             |               |             | 2 7/8    | 3604           |                 |
|      |          |             |               |             | 5/8 rods | 3600           |                 |

31. PERFORATION RECORD (Interval, size and number)

18 3638 - 3368

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 3638-3368           | 2000 gals 15% NE acid            |
|                     | 40,000 gals 30% HCross Link gel  |
|                     | 8,000 # 20-40 sand               |
|                     | 12,000 gal Pad                   |

33.\*

PRODUCTION

DATE FIRST PRODUCTION

3-18-86

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

2 1/2 x 2 x 12' insert pump

WELL STATUS (Producing or  
shut-in)

Producing

| DATE OF TEST        | HOURS TESTED    | CHOKE SIZE                 | PROD'N. FOR<br>TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.              | GAS-OIL RATIO |
|---------------------|-----------------|----------------------------|----------------------------|----------|------------|-------------------------|---------------|
| 3-18-86             | 24              |                            |                            | 26       | 31         | 153                     | 1192/1        |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED<br>24-HOUR RATE | OIL—BBL.                   | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |               |
| 140                 | 140             |                            | 26                         | 31       | 153        | 35.7                    |               |

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

Phillips Petroleum Company

WITNESSED BY

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

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

SIGNED

J. C. Cannady

TITLE

Agent

DATE

8-25-86

\*(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:

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. |
|------------|------|--------|-----------------------------|
| Rustler    | 400  | 0      |                             |
| Top Salt   | 550  | 400    |                             |
| Base Salt  | 1300 | 550    |                             |
| Grayburg   | 2750 | 1300   |                             |
| San Andres | 3050 | 2750   |                             |

## 38. GEOLOGIC MARKERS

| NAME | MEAS. DEPTH | TOP | TRUE VERT. DEPTH |
|------|-------------|-----|------------------|
|      |             |     |                  |