

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Submit in duplicate\*

(See other instructions on reverse side)

Form approved,  
Budget Bureau No. 42-10000-0

WELL COMPLETION REPORT AND LOG\*

1. 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  
KERN COUNTY LAND CO.  
3. ADDRESS OF OPERATOR  
1113 FIRST STATE BANK BUILDING, TEXAS

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface  
660' FSL 9' 1980' FSL, SEC. 21, UNIT D SW/4 SE/4  
At top prod. interval reported below  
At total depth

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.  
NM 017520  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
-  
7. UNIT AGREEMENT NAME  
-

8. FARM OR LEASE NAME  
Federal 21  
9. WELL NO.  
3

10. FIELD AND POOL, OR WILDCAT  
CHARGE PRO-SAN ANDREAS  
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
21-75-353-2412

12. COUNTY OR PARISH  
ROOSEVELT  
13. STATE  
NM

15. DATE SPIDDED 11-13-66 16. DATE T.D. REACHED 10-19-66 17. DATE COMPL. (Ready to prod.) 11-6-66 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4403' RKB

20. TOTAL DEPTH, MD & TVD 4373 21. PLUG, BACK T.D., MD & TVD 4349 22. IF MULTIPLE COMPL., HOW MANY\* - 23. INTERVALS DRILLED BY - ROTARY TOOLS - CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
4165 - 4291 SAN ANDREAS  
25. WAS DIRECTIONAL SURVEY MADE  
-

26. TYPE ELECTRIC AND OTHER LOGS RUN  
CR - NEUTRON  
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 |
| 7"                                                 | 20#             | 1810           | 11"       | 375 SK           | -             |
| 4 1/2"                                             | 9.5#            | 4373           | 5 1/4"    | 350 SK           | -             |

| 29. LINER RECORD |          |             |               |             | 30. TUBING RECORD |                |                 |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE              | DEPTH SET (MD) | PACKER SET (MD) |
|                  |          |             |               |             | 2"                | 4165           | 4291            |

| 31. PERFORATION RECORD (Interval, size and number)                                     |  |  |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                  |
|----------------------------------------------------------------------------------------|--|--|--|------------------------------------------------|----------------------------------|
| 4165, 70, 83, 89, 4223, 25, 28, 30, 40, 45, 46, 54, 56, 58, 61, 65, 70, 76, 83, 86, 90 |  |  |  | DEPTH INTERVAL (MD)                            | AMOUNT AND KIND OF MATERIAL USED |
|                                                                                        |  |  |  | 4165-4291                                      | A1 2000 GAL. 5% ACID             |
|                                                                                        |  |  |  |                                                | F1 30,000 GAL. 5% ACID           |
|                                                                                        |  |  |  |                                                | 40,000 ± SAND                    |

| 33.* PRODUCTION       |                                                                      |                         |                         |          |            |                                    |               |
|-----------------------|----------------------------------------------------------------------|-------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |                         |          |            | WELL STATUS (Producing or shut-in) |               |
| 11-6-66               | Pumping                                                              |                         |                         |          |            | Producing                          |               |
| DATE OF TEST          | HOURS TESTED                                                         | CHOKE SIZE              | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
|                       | 24                                                                   | -                       | →                       | 70       | NA         | 0                                  | NA            |
| Casing Pressure       |                                                                      | CALCULATED 24-HOUR RATE | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| -                     |                                                                      | →                       | 70                      | NA       | 0          | NA                                 |               |

34. LOCATION OF GAS (Sold, used for fuel, vented, etc.)  
VENTED  
TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Guy L. Massey TITLE PROD. SECRETARY DATE 12-6-66

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

**General:** This form is designed for all "bottom hole" logs and logs on all types of hard and heavy formations in Federal territory or a State Department of the Interior. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to Federal and/or State offices and projects, should be shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See item 23 for instructions for use of this form for special conditions.

If not filed prior to the time of a core sample, copies of all current available logs (both Federal and/or State logs and/or logs of other agencies) should be attached to the log. For the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 24.

If there are no applicable State regulations, the locations on Federal or Indian land shall be described in accordance with Federal regulations. (See full text of item 18 of Federal office for specific instructions.)

**Item 18:** Indicate which description is used as reference (where not otherwise shown) for depth measurements given in other logs on this formation in any of the above 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 item 24 show the producing interval, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 22. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to each interval.

**Item 29:** "Stacks Central": Attached supplemental records for this well should show the details of any multiple zone 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.)

STATE OF FLOWING ZONES.  
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORRE INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION PRESSURE, TOOL-OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES.

| FORMATION  | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME                      | MEAS. DEPTH          | TOP<br>CARD VERT. DIST. |
|------------|-------|--------|-----------------------------|---------------------------|----------------------|-------------------------|
| SAN ANDRES | 4165' | 4291   | OIL & GAS PRODUCING ZONE    | YATES<br>SAN ANDRES<br>PL | 2273<br>3426<br>3999 |                         |