

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved  
Budget Bureau No. 42-73363-3

## 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 ☐ DEEP. RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

KERN COUNTY LAND COMPANY

3. ADDRESS OF OPERATOR

418 FIRST STATE BANK BLDG. MIDLAND, TEXAS

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

At surface  
660' FEL: 1980' FSL SEC 23 UNIT I NW/4 S E 14  
At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NM 0108997-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

FEDERAL 23

9. WELL NO.

8

10. FIELD AND POOL, OR WILDCAT

CHAVERO-SAN ANDRES

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

23 T7S R33E N14W

12. COUNTY OR PARISH

ROOSEVELT

13. STATE

NM

15. DATE SPEUDED

7-8-65

16. DATE T.D. REACHED

7-17-66

17. DATE COMPL. (Ready to prod.)

7-19-66

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

4336.5 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

4450

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

4410

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)\*

4105-4227' SAN ANDRES

26. TYPE ELECTRIC AND OTHER LOGS RUN

GAMMA RAY DENSITY; LATEROLOGS; MICRO 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 |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 7"          | 17              | 1815           | 8 3/4     | 350 SX           |               |
| 4 1/2"      | 9.5             | 4450           | 6 1/4     | 350 SX           |               |
|             |                 |                |           |                  |               |
|             |                 |                |           |                  |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE  | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|-------|----------------|-----------------|
|      |          |             |               |             | 2 3/8 | 4248           |                 |
|      |          |             |               |             |       |                |                 |
|      |          |             |               |             |       |                |                 |

31. PERFORATION RECORD (Interval, size and number)

4105; 67; 69; 72; 82; 87; 89; 94; 4212; 15; 22; 27  
w/1 3/8" SPF

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 4105-4227           | 2000 GALS 15% HCl ACID           |
|                     |                                  |
|                     |                                  |

33. PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                        |          |            |                         | WELL STATUS (Producing or shut-in) |  |
|-----------------------|-----------------|----------------------------------------------------------------------|------------------------|----------|------------|-------------------------|------------------------------------|--|
| 7-19-66               |                 | Flow                                                                 |                        |          |            |                         | Producing                          |  |
| DATE OF TEST          | HOURS TESTED    | CHOKED SIZE                                                          | PROVN. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.              | GAS-OIL RATIO                      |  |
| 7-19-66               | 2 1/2 HRS       | 40/64                                                                | —>                     | 62       | 34         | —                       | 5.43                               |  |
| FLOW, TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.               | GAS—MCF. | WATER—BBL. | OIL GRAVITY API (CORR.) |                                    |  |
| 130                   | NA              | —>                                                                   | 616                    | 326      | —          | 26.3                    |                                    |  |

34. DISPOSITION 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

Noran R. Karaman

TITLE

DISTRICT ACCOUNTANT

DATE

7-21-66

\*(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, must be shown below or will be found by, or may be obtained from, the local Federal office. (See instructions on pages 99, and 94 and 99 below regarding separate completion.)

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 26.

should be listed on this form, see item 25, 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. Attach the requirements given in other spaces on this form and in any attachments.

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.

For each additional interval to be separately produced, showing the additional data pertinent to such interval, attach a separate record for this well should show the details of any multiple stage cementing and the location of the cementing tool. (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          | VERT. SECT. DEPTH |
| SAN ANDRES                                                                                                                                                                                                                                            | 4105 |     | 4227   | OIL & GAS PRODUCING ZONE    | YATES<br>SAN ANDRES<br>P. | 2204<br>3361<br>3922 |                   |