

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.

5. LEASE DESIGNATION AND SERIAL NO.
NM 0108997-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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
KERN COUNTY LAND COMPANY

3. ADDRESS OF OPERATOR
418 FIRST STATE BANK MIDLAND TEXAS

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
1920' FEL 660' FSL SEC 23 UNIT 0 SW 1/4 SE 1/4
At top prod. interval reported below

At total depth

14. PERMIT NO. _____ DATE ISSUED _____

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
FEDERAL 23

9. WELL NO.
3

10. FIELD AND POOL, OR WILDCAT

CHAVEROO-SAN ANDRES
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

23 T 7S R 33E NMPM

12. COUNTY OR PARISH
ROOSEVELT 13. STATE
N.M.

15. DATE SPUNDED **7-13-66** 16. DATE T.D. REACHED **7-22-66** 17. DATE COMPL. (Ready to prod.) **7-27-66** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **4340.5 GR.** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **4400** 21. PLUG, BACK T.D., MD & TVD **4367** 22. IF MULTIPLE COMPL., HOW MANY* **→** 23. INTERVALS DRILLED BY **TD** ROTARY TOOLS **TD** CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4117-4232 SAN ANDRES 25. WAS DIRECTIONAL SURVEY MADE **NO**

26. TYPE ELECTRIC AND OTHER LOGS RUN
GAMMA RAY DENSITY, MICROLATERLOG, 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"	20	1825	8 3/4	375	
4 1/2"	9.5	4400	6 1/4	350	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	4142 KB	

31. PERFORATION RECORD (Interval, size and number)
4117; 19; 83; 89; 91; 4201; 06; 08; 15; 4219; 32; w/1 3/8" SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4117-4232	2000 GALS 15% NE ACID
	30000 GALS LSE CRUDE
	45000 LBS 20/40 SAND

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
7-27-66	FLOW	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-27-66	2-3/4 HRS	32/64	→	54	55	2	1019
FLOW. TUDING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
100	250	→	471	480	18	24.1	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
VENTED TEST WITNESSED BY **O.R. SMITH**

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 **Monash Karasch** TITLE **DISTRICT ACCOUNTANT** DATE **7-28-66**

*(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, 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: "Stacks 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 TEST, 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
San Andres 4117	4232	4117	YATES SAN ANDRES P ₁
Oil & Gas Producing Zone			2210 3372 3934