

**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.**WELL COMPLETION OR RECOMPLETION REPORT AND LOG***

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 0117529	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF-RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
2. NAME OF OPERATOR KERN COUNTY LAND CO.		7. UNIT AGREEMENT NAME -	
3. ADDRESS OF OPERATOR 418 FIRST STATE BANK MIDLAND, TEXAS		8. FARM OR LEASE NAME FEDERAL 21	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 660' FWL; 660 FSL, SEC. 21, UNIT M SW 1/4 SW 1/4		9. WELL NO. 1	
At top prod. interval reported below		10. FIELD AND POOL, OR WILDCAT CHAUTROO - SAN ANDRES	
At total depth		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 21-7S-336 NMPM	
14. PERMIT NO.		13. STATE ROOSEVELT N.M.	
DATE ISSUED		12. COUNTY OR PARISH	
15. DATE SPUNDED 10-3-66	16. DATE T.D. REACHED 10-11-66	17. DATE COMPL. (Ready to prod.) 12-30-66	18. ELEVATIONS (DF, RKB, ET, OR, ETC.)* 4426' KB
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD 4400		
21. PLUG, BACK T.D., MD & TVD 4284'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4184' - 4273' SAN ANDRES
25. WAS DIRECTIONAL SURVEY MADE NO			26. TYPE ELECTRIC AND OTHER LOGS RUN GR-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
7"	20#	1810	8 3/4"
4 1/2"	9.5#	4393	6 1/4"
CEMENTING RECORD		AMOUNT PULLED	
375		400	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD		PACKER SET (MD)	
SIZE	DEPTH SET (MD)	NONE	
2 7/8"	4300'		
31. PERFORATION RECORD (Interval, size and number) 4184', 90', 4203, 05, 48, 50, 53, 63, 65, 67, + 73. - ONE 3/8" Hole			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4185-4308'		Squeeze w/ 150 SX NEAT	
4184-4273		A/10000 GALS ACID	
33. PRODUCTION			
DATE FIRST PRODUCTION 12-30-66	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) PUMPING		WELL STATUS (Producing or shut-in) PRODUCING
DATE OF TEST 12-31-66	HOURS TESTED 24	CHOKE SIZE OPEN	PROD'N. FOR TEST PERIOD →
FLOW. TUBING PRESS. 50#	CASING PRESSURE -	CALCULATED 24-HOUR RATE →	OIL—BBL. 61
OIL—MCF. NA		GAS—MCF. NA	WATER—BBL. 67
OIL GRAVITY-API (CORR.) 24.4 API		GAS-OIL RATIO NA	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED			
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 Gay L. Hershey		TITLE PRODUCTION SECRETARY	
DATE 1-4-67			

*(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 located 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 16: 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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP THUR VERT. DEPTH
SAN ANDRES	4184	4273	OIL & GAS PRODUCING ZONE	YATES SAN ANDRES PL	2276 3442 4016	