

UNIT STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved. Budget Bureau No. 42-R355.6.

(See other... instructions on reverse side)

NW3000 - ... NW3000 - ...

LEASE DESIGNATION AND SERIAL NO. NM-0177517

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ]

2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR BOX 68, HOBBS, N. M. 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1980 FSL x 1980 FWL SEC. 15 (Unit K, NE 1/4 SW 1/4)

7. UNIT AGREEMENT NAME

5. FARM OR LEASE NAME

CATO "A" Federal

9. WELL NO. 1

10. FIELD AND POOL, OR WILDCAT

CATO San Andres

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

15-8-30 NMPM

12. COUNTY OR TERRITORY CHARLES

13. STATE NM

15. DATE SPUDDED 1-4-67 16. DATE T.D. REACHED 1-10-67 17. DATE COMPL. (Ready to prod.) 1-14-67 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 4119' RDB

20. TOTAL DEPTH, MD & TVD 3552 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY? 23. INTERVALS DRILLED BY 10-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 3393-3437

26. TYPE ELECTRIC AND OTHER LOGS RUN Density Gamma Ray, Micro & Laterolog

27. WAS WELL CORED No

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Includes data for 8 5/8" and 4 1/2" casings.

Table with 8 columns: LINER RECORD (SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT, SCREEN (MD)) and TUBING RECORD (SIZE, DEPTH SET (MD), PACKER SET (MD)).

Table with 2 columns: 31. PERFORATION RECORD (Interval, size and number) and 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Includes data for 3468-3506 and 3393-3437.

Table with 8 columns: 33. PRODUCTION (DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKED SIZE, PROD'N. FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL., GAS-OIL RATIO, FLOW. TUBING PRESS., CASING PRESSURE, CALCULATED 24-HOUR RATE, OIL-BBL., GAS-MCF., WATER-BBL., OIL GRAVITY-API (CORR.)).

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

35. LIST OF ATTACHMENTS None

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

04-5-UGS-Ros 1-N 5/10 1-W 1-R 2

TITLE AREA SUPERINTENDENT

DATE 2-8-67 FEB 1 - 1967 WITHERLAND

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

EXHIBIT 241

# INSTRUCTIONS

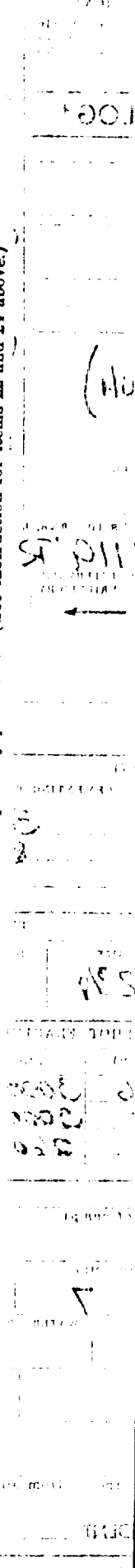
**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning 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		DESCRIPTION, CONTENTS, ETC.	BOTTOM		GEOLOGIC MARKERS
	DEPTH	NEAR. DEPTH		DEPTH	NEAR. DEPTH	
San And.	3393	3437	Oil & Gas Prod. Zone.			Yates Queen San And
						1500 2160 2650