

NMCCC - ARTECIA
NMCCC - R3333
BLM - SANTA FE

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 0354427-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

CROSBY "C" 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

22-8-30 NMPM

12. COUNTY OR PARISH

13. STATE

CHAVES

NM

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

PAN AMERICAN PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

BOX 68, HOSBOS, N. M. 83240

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

At surface
660' FNL x 1980' FWL Sec. 22 (Unit C, NE 1/4 NW 1/4)
At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED 10-3-67 16. DATE T.D. REACHED 10-9-67 17. DATE COMPL. (Ready to prod.) 10-12-67 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4162' R.D.B. 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 3625' 21. PLUG, BACK T.D., MD & TVD 3605 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3450 - 3564' San Andres. 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray-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
8 5/8"	24#	318'	12 1/4"	250 Sx. Cinc.	
4 1/2"	9.5#	3625'	7 7/8"	300 Sx.	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	3570'	

31. PERFORATION RECORD (Interval, size and number)

3450-53, 56-91, 3516-36, 47-50, 52-57, 60-64

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3450-3564	6000 gal 20% acid.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
10-13-67		Swab					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
10-14-67	24	-	→	60	19	73 BBL	321	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED	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 by the U.S. Geological Survey

SIGNED

TITLE

AREA SUPERINTENDENT ROSWELL, NEW MEXICO

DATE

10-16-67

ACCEPTED FOR RECORD

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 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.

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 state 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 USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
San Andres	3450	3564	Oil & Gas Producing Zone	Lyatis	1567	
				Queen	2243	
				San Andres	2737	