

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved,
Budget Bureau No. 42-R3555.

5. LEASE DESIGNATION AND SERIAL NO.

WM-0177517

6. IF INDIAN, ALLOTTEE OR INDIAN NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cato B Federal

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

Cato San Andres

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

14-8-30 NPM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

3. NAME OF OPERATOR

Pan American Petroleum Corporation

U. S. 93805-100-17
PO BOX 100 NEW MEXICO

4. ADDRESS OF OPERATOR

Box 68 - Hobbs, New Mexico 88240

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

At surface 1980' FSL & 1980' FNL Sec. 14 (Unit K, NE/4 SW/4)

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH
Chaves

13. STATE

New Mexico

15. DATE SCHEDULED

7-18-67

16. DATE T.D. REACHED

7-25-67

17. DATE COMPL. (Ready to prod.)

7-28-67

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

4144' RDB

19. ELEV. CASINGHEAD

-

20. TOTAL DEPTH, MD & TVD

3645'

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

3625'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

O-TD

ROTARY TOOLS

CABLE TOOLS

-

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

3477' - 3518' San Andres

25. WAS DIRECTIONAL
SURVEY MADE

1.0

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#	295'	12 1/4"	260 SX	
4 1/2"	9.5#	3645'	7 7/8"	300 SX	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Indicate size and number)

3477' - 3518' w/25SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3477'-3518'	3000 28%

33. PRODUCTION

DATE FIRST PRODUCTION 7-27-67 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Suck & Flow WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 7-27-67 HOURS TESTED 18 CHOKE SIZE - PROD'N. FOR TEST PERIOD - OIL—BBL. 200 GAS—MCF. 104 WATER—BBL. 10 BBL GAS-OIL RATIO 520

FLOW, TUBING PRESS. 200 CASING PRESSURE 65 CALCULATED 24-HOUR RATE - OIL—BBL. 255 GAS—MCF. 139 WATER—BBL. - OIL GRAVITY-API (CORR.) 24

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

Vent

TEST WITNESSED BY

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

SIGNED

L. R. Newland

TITLE

Area Adm. Supv.

DATE

8-10-67

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

ACCEPTED FOR RECORD

J. W. Sutherland
District Engineer

INSTRUCTIONS

General: This form is designed for submission of 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 filing of copies to be submitted, particularly with regard to local, county 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 25, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available log, drillers, geologists, sample and core analysis, all types electric logs, 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 33.

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 production 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 identifying, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks General": 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 INTERVALS OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DEEP-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.	NAME	GEOLOGIC MARKERS	MEAS. DEPTH	TOP
San Andres	3477	3518	Oil and Gas Prod. Zone		Yates		16301	
					Quem		22501	
					San Andres		27651	