

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved  
Budget Bureau No. 42-3000

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  DEE-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
**Pan American Petroleum Corporation**

3. ADDRESS OF OPERATOR  
**Box 68 - Hobbs, New Mexico - 48240**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements).  
 At surface **330' FNL X 330' FNL, Sec. 29 (Unit D, NW/4 NW/4)**  
 At top prod. interval reported below \_\_\_\_\_  
 At total depth \_\_\_\_\_

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

15. DATE SCHEDULED **9-27-64** 16. DATE I.D. REACHED **10-6-64** 17. DATE COMPL. (Ready to prod.) **10-8-64**

18. ELEVATIONS (DF, RKB RT, GR, ETC.) **4219' FNS**  
 20. TOTAL DEPTH, MD & TVD **4764** 21. PLUG, BACK I.D., MD & TVD **4763** 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_

23. INTERVALS DRETTED BY \_\_\_\_\_ ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\* **4661'-4692' - San Andres**

25. TYPE ELECTRIC AND OTHER LOGS RUN  
**PGAC's Acoustic-Denmark Log**

25. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULPED
8-5/8"	24.4	403'	12-1/4"	250 ex. slre.	
4-1/2"	9.51	4764'	7-7/8"	250 ex.	

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"	4707	

31. PERFORATION RECORD (Interval, size and number)  
**4661, 4668, 4675, 4684, 4692 W/2 JSPP**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
 DEPTH INTERVAL (MD) **4661-92'** AMOUNT AND KIND OF MATERIAL USED **1000 gal acid**

33. PRODUCTION

DATE FIRST PRODUCTION **10-8-64** PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) **Flowing** WELL STATUS (Producing or shut-in) **Producing**

DATE OF TEST **10-8-64** HOURS TESTED **6** CHOKE SIZE **20/64** PROD'N. FOR TEST PERIOD **→** OIL--BBL. **40** GAS--MCF. **25** WATER--BBL. **0**

FLOW. TUBING PRESS. **250** CASING PRESSURE **0** CALCULATED 24-HOUR RATE **→** OIL--BBL. **160** GAS--MCF. **100** WATER--BBL. **0** OIL GRABBY-API (CORE) **620**

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **160** **100** **0**

35. LIST OF ATTACHMENTS  
**Sold - Sinclair**  
**None**

TEST WITNESSES **H. R. Frasier**

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

SIGNED \_\_\_\_\_ TITLE **Area Superintendent** DATE **10/9/64**

5. LEASE DESIGNATION AND SERIAL NO.  
**M 0145685**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME \_\_\_\_\_

7. UNIT AGREEMENT NAME \_\_\_\_\_

8. FARM OR LEASE NAME  
**USA Russell E. Horton**

9. WELL NO.  
**20**

10. FIELD AND POOL, OR WILDCAT  
**Mississippian San Andres**

11. COUNTY AND PARISH  
**Roosevelt** **New Mexico**

12. COUNTY OR PARISH  
**Roosevelt** 13. STATE  
**New Mexico**

19. ELEV. CASING HEAD \_\_\_\_\_

25. WAS DIRECTIONAL SURVEY MADE  
**No**

27. WAS WELL CORED  
**No**

\*(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/or 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, scale 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		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			NAME
			MEAS. DEPTH
			TRUE VERT. DEPTH
San Andres	4661	4692	Oil & Gas Producing Zone
			Anhydrite San Andres
			2200 3930