

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions 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. MM 01A5603	
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 Pan American Petroleum Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 68 - Hobbs, New Mexico - 88240		8. FARM OR LEASE NAME USA Russell E. Horton	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650' FNL x 1652.3' FNL, Sec. 29 (Unit F, BE/4 NW/4) At top prod. interval reported below At total depth		9. WELL NO. 25	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUNDED 11-17-64		16. DATE T.D. REACHED	
17. DATE COMPL. (Ready to prod.) 11-29-64		18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 4218' RKB	
19. ELEV. CASINGHEAD		10. FIELD AND POOL, OR WILDCAT Milnesand San Andres	
20. TOTAL DEPTH, MD & TVD 4726'		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 29-0-35 NW/4	
21. PLUG, BACK T.D., MD & TVD 4724'		12. COUNTY OR PARISH Roosevelt	
22. IF MULTIPLE COMPL., HOW MANY*		13. STATE New Mexico	
23. INTERVALS DRILLED BY 0-TD		19. ELEV. CASINGHEAD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4687-4705' San Andres		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Neutron Log		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24	401	12-1/4"
4-1/2"	9.5	4726	7-7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	4708'		
31. PERFORATION RECORD (Interval, size and number)			
4687-4705' W/2 JPT			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
4687-4705	750 gal acid		
33.* PRODUCTION			
DATE FIRST PRODUCTION 11-29-64	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 11-29-64	HOURS TESTED 8	CHOKE SIZE 2 1/4"	PROD'N. FOR TEST PERIOD 40
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE 120	GAS—MCF. 63
			WATER—BBL. 0
			GAS-OIL RATIO 530
			OIL GRAVITY-API (CORR.) 29°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - Sinclair			
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 Original Signed By		TITLE Area Foreman	DATE 12/2/64

*(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 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:				38. GEOLOGIC MARKERS	
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.	NAME	MEAS. DEPTH
					TRUE VERT. DEPTH
San Andres	4667	4705	Oil & Gas Producing Zone	Anhydrite	2220
				San Andres	2737