

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 0145685	
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 330' FNL 1 2310' FNL, Sec. 31 (Unit B NW/4 NE/4) At top prod. interval reported below At total depth				9. WELL NO. 24	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Wilmore and San Andres	
15. DATE SPUNDED 11-8-64		16. DATE T.D. REACHED 11-16-64		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 31-8-35 NWPM	
17. DATE COMPL. (Ready to prod.) 11-21-64		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4220' RDB		12. COUNTY OR PARISH Roosevelt	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 4730'		13. STATE New Mexico	
21. PLUG, BACK T.D., MD & TVD 4728'		22. IF MULTIPLE COMPL., HOW MANY*		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4700'-4712' San Andres	
23. INTERVALS DRILLED BY →		ROTARY TOOLS 0-TD		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Logan Wells' Acoustilog				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#	412	12-1/4	225 SI	
4-1/2"	9.5#	4730	7-7/8	250 SI	
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	4716				
31. PERFORATION RECORD (Interval, size and number)					
4700'-4712' w/2 JSPT					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
4700-12			750 gallons acid		
33.* PRODUCTION					
DATE FIRST PRODUCTION 11-21-64		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 12-4-64	HOURS TESTED 24	CHOKE SIZE Pump	PROD'N. FOR TEST PERIOD →	OIL—BBL. 42	GAS—MCF. 29
FLOW. TUBING PRESS.		CASING PRESSURE	CALCULATED 24-HOUR RATE →	WATER—BBL. 108	GAS-OIL RATIO 680
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold Sinclair				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 Original Signed by V. E. STALEY		TITLE Area Superintendent		DATE 12-7-64	

*(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: 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	TOP TRUE VERT. DEPTH
San Andres	4700	4712	Oil & Gas Producing Zone	Anhydrite San Andres		2200 3927