

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. NE 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 990' FSL X 330' FSL, Sec. 30, (Unit N SW/4 SW/4) At top prod. interval reported below At total depth		9. WELL NO. 14	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUNDED 8-20-64		16. DATE T.D. REACHED 9-5-64	
17. DATE COMPL. (Ready to prod.) 9-12-64		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4229' RKB	
19. ELEV. CASINGHEAD		10. FIELD AND POOL, OR WILDCAT Milnesand San Andres	
20. TOTAL DEPTH, MD & TVD 4765'		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 30-8-35 NEPM	
21. PLUG, BACK T.D., MD & TVD 4725'		12. COUNTY OR PARISH Hoonah	
22. IF MULTIPLE COMPL., HOW MANY*		13. STATE New Mexico	
23. INTERVALS DRILLED BY 0-70		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4667-84' San Andres	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN PMAG's Laterlog Survey, Acoustic-Gamma Ray Log	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
8-5/8"		24	
4-1/2"		9.5	
DEPTH SET (MD)		HOLE SIZE	
465		12-1/4	
4765		7-7/8"	
CEMENTING RECORD		AMOUNT PULLED	
250 ex			
2500 ex			
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
2-3/8"		DEPTH SET (MD)	
4670'		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4720-47 W/2 SPT		DEPTH INTERVAL (MD)	
4667-84 W/2 SPT		AMOUNT AND KIND OF MATERIAL USED	
		4720-47 750 gal-squeezed 100 ex.	
		4667-84 1000 gal	
33.* PRODUCTION		DATE FIRST PRODUCTION	
9-12-64		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
Swabbing & Flowing		WELL STATUS (Producing or shut-in)	
Producing		DATE OF TEST	
9-13-64		HOURS TESTED	
24		CHOKE SIZE	
PROD'N. FOR TEST PERIOD		OIL—BBL.	
104		GAS—MCF.	
90		WATER—BBL.	
45		GAS-OIL RATIO	
905		FLOW. TUBING PRESS.	
CASING PRESSURE		CALCULATED 24-HOUR RATE	
OIL—BBL.		GAS—MCF.	
WATER—BBL.		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY	
Sold - Sinclair Oil & Gas		M. E. Frazier	
35. LIST OF ATTACHMENTS		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
None		SIGNED _____ TITLE Area Superintendent	
		DATE Sept. 15, 1964	

*(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				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.			
San Andres	4667	4684	Oil and gas producing zone	Anhydrite San Andres		2155 3922