

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approve
Budget Bureau

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 ☐	DEEP-EN ☐	PLUG BACK ☐	DEFS. RESVR. ☐	Other: <u>2-1-71, Pan American Petro. Corp. has changed its name to ARMO PROD. CO.</u>
2. NAME OF OPERATOR <u>PAN AMERICAN PETROLEUM CORPORATION</u>						5. LEASE DESIGNATION AND <u>14-20-603-5035</u>	
3. ADDRESS OF OPERATOR <u>P. O. Box 480, Farmington, New Mexico</u>						6. IF INDIAN, ALLOTTEE OR <u>Navajo Tribe</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>2130 FNL and 1980 FEL</u> At top prod. interval reported below At total depth <u>Same</u>						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						8. FARM OR LEASE NAME <u>Navajo Tribal "N"</u>	
DATE ISSUED						9. WELL NO. <u>6</u>	
10. FIELD AND POOL, OR WILDCAT <u>Tocito Dome Pennsylv</u>						11. SEC., T., R., M., OR BLOCK AND SU OR AREA <u>SW/4 NE/4 Section 17, T-26-N, R-18-W</u>	
12. COUNTY OR PARISH <u>San Juan</u>						13. STATE <u>New Mexico</u>	
15. DATE SPUNDED <u>6-4-65</u>		16. DATE T.D. REACHED <u>6-24-65</u>		17. DATE COMPL. (Ready to prod.) <u>6-27-65</u>		18. ELEVATIONS (DF, REB RT, GR, ETC.)* <u>5860 (HDE)</u>	
19. ELEV. CASINGHEAD <u>--</u>		20. TOTAL DEPTH, MD & TVD <u>6395</u>		21. PLUG. BACK T.D., MD & TVD <u>6389</u>		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY <u>0-6395</u>		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM NAME (MD AND TVD)* <u>Lower Hermosa 6364-6389</u>		25. WAS DIRECTIONAL SURVEY MADE <u>No</u>		26. TYPE ELECTRIC AND OTHER LOGS RUN <u>ES-Induction, Gamma Ray Sonic w/Caliper</u>	
27. WAS WELL CORED <u>Yes</u>		28. CASING RECORD (Report all strings set in well)		29. LINER RECORD		30. TUBING RECORD	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8"		48#		92'		17-1/4"	
8-5/8"		24#		1459'		11 "	
4-1/2"		10.5#		6395'		7-7/8"	
CEMENTING RECORD		AMOUNT PULLED		SIZE		DEPTH SET (MD)	
100 Sacks		None		2-3/8"		6383	
500 Sacks		None		PACKER SET (MD)			
1000 Sacks		None					
31. PERFORATION RECORD (Interval, size and number) <u>6373-79 with 4 shots per foot.</u>		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		DEPTH INTERVAL (MD) <u>6373-79</u>		AMOUNT AND KIND OF ACID USED <u>250 gallons</u>	
33.* PRODUCTION		DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>Flow</u>		WELL SHUT-IN <u>Shut Indist. 3</u>	
DATE OF TEST <u>6-27-65</u>		HOURS TESTED <u>3 hours</u>		CHOKE SIZE <u>3/4"</u>		PROD. N. FOR TEST PERIOD <u>→</u>	
OIL—BBL. <u>647</u>		GAS—MCF. <u>5180</u>		WATER—BBL.		GAS-OIL RATIO	
FLOW. TUBING PRESS. <u>1630</u>		CASING PRESSURE <u>1700</u>		CALCULATED 24-HOUR RATE <u>→</u>		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <u>Well shut-in. Third gas well in Section and will not be connected to pipeline at present time.</u>		TEST WITNESSED BY					
35. LIST OF ATTACHMENTS <u>None</u>		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records <u>Fred L. Nabors, District Engineer</u>		SIGNED		TITLE	
				DATE		<u>July 9, 1965</u>	

*(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	TOP	TRUE VERT. DEPTH