

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.	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☒ Other <u>Same with Dakota</u>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>Jicarilla Apache</u>	
2. NAME OF OPERATOR <u>PAN AMERICAN PETROLEUM CORPORATION</u>				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR <u>501 Airport Drive, Farmington, New Mexico 87401</u>				8. FARM OR LEASE NAME <u>Jicarilla Apache 102</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>890' FWL & 1030' FWL</u> At top prod. interval reported below <u>Same</u> At total depth <u>Same</u>				9. WELL NO. <u>10</u>	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT <u>Darin Dakota-Def. Gallup</u>	
15. DATE SPUNDED _____ 16. DATE T.D. REACHED <u>October 25, 1967</u> 17. DATE COMPL. (Ready to prod.) <u>NOV 7 1967</u>				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <u>NW 1/4 NW 1/4 Section 4, T-26-N, R-4-W</u>	
20. TOTAL DEPTH, MD & TVD <u>8375</u>		21. PLUG, BACK T.D., MD & TVD <u>8360</u>		12. COUNTY OR PARISH <u>Rio Arriba</u>	
22. IF MULTIPLE COMPL., HOW MANY* <u>2</u>		23. INTERVALS DRILLED BY _____		13. STATE <u>New Mexico</u>	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>Gallup, 7664-78'</u>				19. ELEV. CASINGHEAD	
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>Gamma Collar</u>				25. WAS DIRECTIONAL SURVEY MADE	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
<u>1-1/2"</u>	<u>8207'</u>	<u>8014'</u>			
<u>1"</u>	<u>7655'</u>				
31. PERFORATION RECORD (Interval, size and depth)					
<u>7664-78' - 4 SPZ</u>					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
<u>7664-78'</u>			<u>Sand-water hydrates with 25,000# 20-40 sand & 5,000# 10-20 sand & 27,790 gal. water with .8% KCl & 2-1/2# FMS/1000 gal</u>		
33. PRODUCTION					
DATE FIRST PRODUCTION <u>June 6, 1967</u>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>Flowing</u>		WELL STATUS (Producing or shut-in) <u>Shut In</u>	
DATE OF TEST <u>10-20-67</u>	HOURS TESTED <u>3 hr.</u>	CHOKE SIZE <u>3/4"</u>	PROD'N. FOR TEST PERIOD <u>531 Ch. Volume</u>	OIL—BBL. <u>809 ACF</u>	GAS—MCF. <u>809 ACF</u>
FLOW. TUBING PRESS. <u>34</u>	CASING PRESSURE <u>783</u>	CALCULATED 24-HOUR RATE <u>531 Ch. Volume</u>	OIL—BBL. <u>809 ACF</u>	GAS—MCF. <u>809 ACF</u>	WATER—BBL. <u>809 ACF</u>
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)				TEST WITNESSED BY	
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
Original signed by SIGNED <u>G. W. Eaton, Jr.</u> TITLE <u>Area Engineer</u> DATE <u>October 30, 1967</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			NAME	TOP	
FORMATION	TOP	BOTTOM		MEAS. DEPTH	TRUE VERT. DEPTH
Manterverde	4905	6200			
Gallup	7310	7700			
Greenhorn	8060	8120			
Albata	8280				