

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 _____		7. UNIT AGREEMENT NAME Gallegos Canyon Unit							
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		8. FARM OR LEASE NAME _____							
2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION		9. WELL NO. 236							
3. ADDRESS OF OPERATOR P. O. Box 480, Farmington, New Mexico		10. FIELD AND POOL OR WILDCAT Basin Dakota							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 510' FSL & 615' FSL At top prod. interval reported below At total depth Same		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA SE/4 SE/4 Section 14, T-28-N, R-13-W							
14. PERMIT NO. _____ DATE ISSUED _____		12. COUNTY OR TERRITORY San Juan							
13. STATE New Mexico									
15. DATE SPUDDED 5-3-66	16. DATE T.D. REACHED 5-10-66	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DE, RKB, RT, GR, ETC.)* 5790' RKB						
19. ELEV. CASINGHEAD									
20. TOTAL DEPTH, MD & TVD 6230'	21. PLUG, BACK T.D., MD & TVD 6192	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY ROTARY TOOLS Surface to 6230'						
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6127-47', 6068-88' (Dakota)			25. WAS DIRECTIONAL SURVEY MADE No						
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Correlation, Induction Electric, Gamma Ray Sonic			27. WAS WELL CORED No						
28. CASING RECORD (Report all strings set in well)									
CASING SIZE 8-5/8" 4-1/2"	WEIGHT, LB./FT. 24# 10.5#	DEPTH SET (MD) 352' 6230'	HOLE SIZE 12-1/4" 7-7/8"						
CEMENTING RECORD 225 sacks 500 sacks - 1st Stage 550 sacks - 2nd Stage 375 sacks - 3rd Stage		AMOUNT PULLED None None							
29. LINER RECORD									
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*						
30. TUBING RECORD									
SIZE	DEPTH SET (MD)	PACKER SET (MD)							
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
6127-47' 4 shots per foot 6068-88' 3 shots per foot		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> <tr> <td>6127-47'</td> <td>500 gal. acid, 39,564 gal. water, 40,000 lb. sand</td> </tr> <tr> <td>6068-88'</td> <td>44,394 gal. water, 40,000 lb. sand</td> </tr> </table>		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	6127-47'	500 gal. acid, 39,564 gal. water, 40,000 lb. sand	6068-88'	44,394 gal. water, 40,000 lb. sand
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33.* PRODUCTION									
DATE FIRST PRODUCTION _____		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____							
WELL STATUS (Producing or shut-in) _____									
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD						
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. GAS—MCF. WATER—BBL.						
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____									
35. LIST OF ATTACHMENTS _____									
36. I hereby certify that the foregoing and other information is complete and correct as determined from all available records									
SIGNED G. W. Eaton, Jr.		TITLE Area Engineer							
DATE December 2, 1966									

***(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.)

Gallegos Canyon Unit No. 236

No Cores

No Drill Stem Tests

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Well History			Well was spudded 5-3-66 and drilled to a depth of 352' where 8-5/8" casing was set with 225 sacks Type "A" cement containing 3% calcium chloride. Well was drilled to a depth of 6230' where 4-1/2" casing was set with stage tools set at 4330 and 1646. Cemented first stage with 400 sacks "C" cement containing 6% gel and 2 lbs. Cemented second stage with 500 sacks "C" cement containing 6% gel and 2 lbs. Cemented third stage with 325 sacks "C" cement containing 6% gel and 2 lbs. per sack followed by 50 sacks "C" neat cement. Cemented third stage tools and cleaned out. Displaced casing with water containing 0.8% potassium chloride and 2-1/2 lbs. J-100 per 1,000 gallons. Spotted 500 gallons acid and perforated 6127-47' with 4 shots per foot. Fracked with 39,564 gallons water treated as above and 30,000 lbs. 20-40 sand and 10,000 lbs. 10-20 sand. Breakdown pressure 3200, average treating pressure 2600, average injection rate 65 BPM. Perforated 6068-88 with 3 shots per foot and well communication. Fracked with 44,394 gallons water treated as above and 30,000 lbs. 20-40 sand and 10-20 sand. Average treating pressure 3200, average injection rate 48 BPM. As a result of not obtaining commercial production the well was completed as a dry hole on 10-28-66.	Log Tops	1490' 1697' 3035' 4270' 5140' 5710' 5945' 6015' 6052' 6122'		
				Pictured Cliffs			
				Lewis Shale			
				Manoverde			
				Mancos			
				Gallup			
				Bass Gallup			
				Greenhorn			
				Graneros Shale			
				Graneros Dakota			
				Main Dakota			