

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions 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 _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐		
			DIFF. RESVR. ☐	Other _____			
2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION							
3. ADDRESS OF OPERATOR P. O. Box 480, Farmington, New Mexico							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)							
At surface 1620' FNL & 2030' FNL							
At top prod. interval reported below _____							
At total depth Same							
14. PERMIT NO.			DATE ISSUED				
5. LEASE DESIGNATION AND SERIAL NO.		7. UNIT AGREEMENT NAME					
ST-078106		Gallegos Canyon Unit					
6. IF INDIAN, ALLOTTEE OR TRIBE NAME		8. FARM OR LEASE NAME					
9. WELL NO.		10. FIELD AND POOL, OR WILDCAT					
225		Basin Dakota					
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA		12. COUNTY OR PARISH					
SW/4 NE/4 Section 17, T-28-N, R-12-W		San Juan					
		13. STATE					
		New Mexico					
15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKE, RT, GR, ETC.)*	19. ELEV. CASINGHEAD			
3-18-66	3-27-66	--	RDB 5579'	--			
20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS		
6108'	6075'		Surface to 6108'				
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*					25. WAS DIRECTIONAL SURVEY MADE		
6002-6010', 6022-6032', 5920-5934'					No		
26. TYPE ELECTRIC AND OTHER LOGS RUN					27. WAS WELL CORED		
Induction Electric, Gamma Ray Sonic					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#	351'	12-1/4"	215 sacks	None		
4-1/2"	10.3#	6108'	7-7/8"	500 sacks - 1st Stage	None		
				550 sacks - 2nd Stage			
				350 sacks - 3rd Stage			
29. LINER RECORD			30. TUBING RECORD				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED						
6002-6032'	500 gal. 7-1/2% acid, 29,350 gallons water, 40,000 lbs. sand.						
5920-5934'	28,000 gallons water, 30,000 lbs. sand.						
33.* PRODUCTION				WELL STATUS (Producing or shut-in)			
DATE FIRST PRODUCTION				PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.		
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.)				TEST DATES 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 G. W. Eaton, Jr. TITLE Area Engineer DATE December 6, 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 28, 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 Well No. 225

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.
WELL HISTORY			
Well was spudded 3-18-66 and drilled to a depth of 351' where 8-5/8" casing was set with 215 sacks Class "A" cement containing 22 cucl. Well drilled to 6108' and 4-1/2" casing was set at that depth with stage tools set at 4267' and 1563'. Cemented first stage with 400 sacks "C" cement containing 62 Gal and 2 lbs. Cemented second stage medium Tuf Plug per sack followed by 100 sacks "C" cement. Cemented third stage with 300 sacks "C" with 500 sacks "C" cement containing 62 Gal and 2 lbs. medium Tuf Plug per sack followed by 50 sacks "C" cement. Cemented third stage with 300 sacks "C" cement containing 62 Gal and 2 lbs. medium Tuf Plug per sack followed by 50 sacks "C" cement. Run tubing and bit and displaced casing with water containing 0.8% potassium chlorate and 2-1/2 lbs. J-100 per 1000 gallons water. Spotted 500 gallons 7-1/2% acid. Perforated 6002-6010' and 6022-6032' with 4 shots per foot. Fractured with 29,350 gallons water treated as above and 30,000 lbs. 20-40 sand and 10,000 lbs. 10-20 sand. Irradiation pressure 2000, treating pressure 3200, average injection rate 53 BPM. Bridge plug set at 5970'. Perforated 5920-5934' with 4 shots per foot. Fractured with 28,500 gallons water treated as above and 20,000 lbs. 20-40 sand and 10,000 lbs. 10-20 sand. Break-down pressure 1400, treating pressure 3100, average injection rate 30 BPM. Drilled bridge plug at 5970, cleaned out well bore and tested. As a result of not obtaining commercial amounts of gas or oil, the well was completed as a dry hole on 11-3-66.			

38.

GEOLOGIC MARKERS

LOG NAME	MEAN. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliffs	1400		
Lewis Shale	1530		
Mancos	2965		
Mancos	4150		
Gallop	5053		
Blue Gallop	5660		
Greenhorn	5815		
Graneros Shale	5879		
Graneros Dakota	5917		
Main Dakota	6000		