

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. I-149-IND-8476	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Allottee	
2. NAME OF OPERATOR Pan American Petroleum Corporation				7. UNIT AGREEMENT NAME Gallegos Canyon Unit	
3. ADDRESS OF OPERATOR Security Life Building, Denver, Colorado 80202				8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations) At surface 1010 FSL, 2090 FwL Sec 20 SE SW At top prod. interval reported below At total depth				9. WELL NO. 198	
14. PERMIT NO. _____ DATE ISSUED NOV 24 1965				10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DATE SPUDDED 10/1/65 16. DATE T.D. REACHED 10/11/65 17. DATE COMPL. (Ready to prod.) 10/24/65 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5585 RDB, 5572 GR				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 20, T28N, R12W	
20. TOTAL DEPTH, MD & TVD 6054 21. PLUG, BACK T.D., MD & TVD 5020 22. IF MULTIPLE COMPL., HOW MANY* → 23. INTERVALS DRILLED BY Surface-6054 ROTARY TOOLS CABLE TOOLS				12. COUNTY OR PARISH San Juan 13. STATE New Mexico	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5884-98, 5910-24 Dakota				19. ELEV. CASINGHEAD	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR Sonic, IES				25. WAS DIRECTIONAL SURVEY MADE No	
27. WAS WELL CORED 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#	371	12-1/4"	200 sx	-
4-1/2"	10.5#	6054	7-7/8"	500 sx-1st stage	-
				1000 sx-2nd stage	
				stage tool set at 4138	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2-3/8	5940				
31. PERFORATION RECORD (Interval, size and number) 5884-98, 5910-24 with 2 shots					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
5884-5924			500 gal 7-1/2% reg. acid		
			50,000# 20-40 sand		
			8,000# 10-20 sand		
33.* PRODUCTION					
DATE FIRST PRODUCTION 10/24/65		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Shut-in
DATE OF TEST 11/1/65	HOURS TESTED 3	CHOKE SIZE 3/4	PROD'N. FOR TEST PERIOD →	OIL—BBL. 388	GAS—MCF. 388
WATER—BBL. 251	CASING PRESSURE 604	CALCULATED 24-HOUR RATE →	OIL—BBL. 3104	GAS—MCF. 3104	WATER—BBL. 3104
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold to El Paso Natural Gas Co.					TEST WITNESSED BY
35. LIST OF ATTACHMENTS					
36. I hereby certify that the information and attached information is complete and correct as determined from all available records					
ORIGINAL SIGNED BY D. I. TOLLEFSON TITLE Administrative Assistant DATE 11/17/65					
SIGNED D. I. Tollefson TITLE _____ DATE _____					

*(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.)

CCU #198

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.
			No DST's taken on this well.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Log tops		
Pictured Cliffs	1293	
Lewis shale	1479	
Mesaverde	3065	
Mancos	4045	
Gallup	4955	
Base Gallup	5320	
Green Horn	5780	
Graneros SH	5837	
Graneros Dak.	5880	
Main Dakota	5933	
TD	6054	