

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

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. RESV. ☐	Other _____
2. NAME OF OPERATOR Pan American Petroleum Corporation						5. LEASE DESIGNATION AND SERIAL NO. I-149-IND-8478	
3. ADDRESS OF OPERATOR P. O. Box 480, Farmington, New Mexico						6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribe	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1765' FNL and 1585' FNL Section 31, T-28-N, R-12-W At top prod. interval reported below At total depth Same						7. UNIT AGREEMENT Collegio Energy Unit - Dakota	
14. PERMIT NO.						9. WELL NO. APR 21 1964 59 CON. COM. DIST 3 Basin Dakota	
DATE ISSUED						10. FIELD AND DEED OR WILDCAT Basin Dakota	
12. COUNTY OR PARISH San Juan						13. STATE New Mexico	
15. DATE SPUNDED 3-12-64		16. DATE T.D. REACHED 3-20-64		17. DATE COMPL. (Ready to prod.) 4-8-64		18. ELEVATIONS (DF, RKB, ET, GR, ETC.)* 5706 (RDB)	
19. ELEV. CASINGHEAD ---		20. TOTAL DEPTH, MD & TVD 6058		21. PLUG BACK T.D., MD & TVD 6023		22. IF MULTIPLE COMPL., HOW MANY* ---	
23. INTERVALS DRILLED BY ---		24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* 5876-5930 Graneros Dakota 5930-5970 Main Dakota		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric and Gamma Ray Sonic	
27. WAS WELL CORED No		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	
8 5/8"		24.5		365		12 1/4"	
4 1/2"		10.5#		6059		7 7/8"	
CEMENTING RECORD		AMOUNT PULLED		225 Sacks		None	
1600 Sacks		None					
31. PERFORATION RECORD (Interval, size and number) 5934-56 with 2 shots per foot 5876-86 with 4 shots per foot		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5934-56		40,704 Gal Water & 40,000 Lbs Sand		5876-86		Had Communication did not Frac.	
33.* PRODUCTION		DATE FIRST PRODUCTION		PRODUCTION METHOD Flowing, gas lift, pumping--size and type of pump Flow		WELL STATUS (Producing or shut-in) Shut In	
DATE OF TEST 4-8-64		HOURS TESTED 3		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD ---	
OIL--BBL. ---		GAS--MCF. 975		WATER--BBL. ---		GAS-OIL RATIO ---	
FLOW. TUBING PRESS. 625		CASING PRESSURE 1230		CALCULATED 24-HOUR RATE ---		OIL GRAVITY-API (CORR.) ---	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold to El Paso Natural Gas Company		TEST WITNESSED BY		35. LIST OF ATTACHMENTS None		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records Fred L. Nabors District Engineer SIGNED F. H. HOLLINGSWORTH TITLE --- DATE April 16, 1964	

* (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: 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			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Sand and Shale	0	1310			
Pictured Cliffs	1310	1500			
Lewis Shale	1500	2216			
Menaverte	2216	4070			
Kansas Shale	4070	4920			
Gallup	4920	5280			
Base Gallup	5280	5754			
Greenhorn	5754	5814			
Graneros Shale	5814	5876			
Graneros Dakota	5876	5930			
Main Dakota	5930	6058			