

Form approved.
Budget Bureau No. 42-R355.5.

(See other instructions on reverse side)

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																													
Security Life Building, Denver, Colorado 80202																													
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*																													
At surface 795' FSL & 1490' FSL, Section 9																													
At top prod. interval reported below																													
At total depth Same																													
14. PERMIT NO.					DATE ISSUED																								
15. DATE SPUDDED					16. DATE T.D. REACHED					17. DATE COMPL. (Ready to prod.)					18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*					19. ELEV. CASINGHEAD									
2-27-66					3-7-66					3-27-66					RDL 5491														
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				
6061					0027										Surface-6061														
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*										25. WAS DIRECTIONAL SURVEY MADE																			
5940-49, 5954-62, 5866-5881 Dakota										No																			
26. TYPE ELECTRIC AND OTHER LOGS RUN										27. WAS WELL CORED																			
Induction Electric and Gamma Ray Sonic										No																			
28. CASING RECORD (Report all strings set in well)										CEMENTING RECORD										AMOUNT PULLED									
CASING SIZE			WEIGHT, LB./FT.			DEPTH SET (MD)			HOLE SIZE																				
8 3/8"			24#			353			12 1/4"						225 sacks			None											
4 1/2"			10.5#			6061			7 7/8"						500 sacks 1st stage			None											
															550 sacks 2nd stage														
															400 sacks 3rd stage														
29. LINER RECORD										30. TUBING RECORD																			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)																	
										2 3/8"		5896																	
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																			
5940-5949, 5954-5962 with 4 shots/ft.										5940-5962										500 gal. 7 1/2% acid									
5866-5881 with 4 shots/ft.										5866-5881										50,240 gal water, 50,000 lbs. sand									
																				36,960 gal water, 30,000 lbs. sand									
33.* PRODUCTION																													
DATE FIRST PRODUCTION					PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)																			
3-27-66					Flowing					Shut In																			
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO															
4-6-66		3 hr.		3/4"		→				392																			
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)																	
254		828		→				3139																					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY																			
To be sold to El Paso Natural Gas Co.																													
35. LIST OF ATTACHMENTS																													
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																													
SIGNED D. I. Tollefson										TITLE Administrative Assistant										DATE April 19, 1966									

*** (See Instructions and Spaces for Additional Data on Reverse Side)**

INSTRUCTIONS

General: This form is designed for submitting a complete and 60-foot well completion report and Log for all oil, gas, and geothermal wells and for all geothermal wells. It is to be used in conjunction with the instructions on the back of this form and the number of copies to be submitted, as indicated, with the report. The instructions on the back of this form and the number of copies to be submitted, as indicated, with the report. The instructions on the back of this form and the number of copies to be submitted, as indicated, with the report.

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) of any interval zone(s) completed for separate production. 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. 223

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS (PERFOR, 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	DESCRIPTION, CONTENTS, ETC.																																				
No Drill Stem Test Not Cored																																							
SUPPLEMENTARY WELL HISTORY																																							
Well spudded on 2-27-66 and drilled to 353. 8 5/8" casing set at 353 with 225 sacks Type "C" Cement containing 3% Cacl. Drilled to 6061 and 4 1/2" casing set at 6061 with stage tools set at 4215 and 1530. Cemented first stage with 400 sacks Type "C" containing 6% gel and 2 lbs. Tuf plug per sack and 100 sacks Type "C" Neat Cement. Cemented second stage with 500 sacks Type "C" containing 6% gel and 2 lbs. Tuf plug per sack and 50 sacks Type "C" Neat cement. Cemented third stage with 350 sacks Type "C" containing 6% gel and 2 lbs. Tuf plug per sack and 50 sacks Type "C" Neat Cement. Drilled out and cleaned out to PBD 6027. Spotted 500 gallons 7 1/2% acid. Perforated Main Dakota 5940-5949 and 5954-5962 with 4 shots per foot. Fraced with potassium chloride and 2 1/2 lbs. J-100 per 1000 gallons water and 40,000 lbs. 20-40 sand and 10,000 lbs. 10-20 sand. Breakdown pressure 3100, treating pressure 3300, Average injection rate 54 BPM. Bridge plug set at 5920. Perforated 5866-5881 with 4 shots per foot. Fracked with 36,960 gallons water treated as above and 20,000 lbs. 20-40 sand and 10,000 lbs. 10-20 sand. Breakdown pressure 3400, Treating pressure 3500, Average injection rate 39 BPM. Drilled Bridge Plug and cleaned out to plug back depth. 2 3/8" tubing was landed at 5395 and well was completed as Basin Dakota shut in gas well on 3-27-66. On 4-6-66 well flowed at 3139 MCF, tubing pressure flowing 254, casing pressure flowing 828. Top pay Dakota 5829.																																							
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