

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 Security Life Building, Denver, Colorado 80202					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1800 FSL, 1450 FWL, Section 15 NE SW At top prod. interval reported below At total depth					
14. PERMIT NO.			DATE ISSUED		
15. DATE SPUDDED 12-1-65			16. DATE T.D. REACHED 12-10-65		17. DATE COMPL. (Ready to prod.) 1-6-66
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5620 RDB, 5607 GR			19. ELEV. CASINGHEAD		
20. TOTAL DEPTH, MD & TVD 6147		21. PLUG, BACK T.D., MD & TVD 6105		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY Surface-6147				ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5956-66, 6024-36, 6042-58 Basin Dakota					25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN IRS, GR Sonic					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#	344	12 1/4"	200 sacks	None
4 1/2"	10.5#	6147	7 7/8"	500 sacks - 1st stage	None
				1000 sacks - 2nd stage	
				stage collar at 4266	
29. LINER RECORD				30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE
					2 3/8"
					5945
31. PERFORATION RECORD (Interval, size and number) 5956-66, 6024-36, 6042-58 with 4 shots/ft.				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				6024-58	500 gal acid, 50,000# sand
				5956-66	30,000# sand
33.* PRODUCTION					
DATE FIRST PRODUCTION 1-6-66		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			
DATE OF TEST 1-13-66	HOURS TESTED 3	CHOKE SIZE 3/4	PROD'N. FOR TEST PERIOD →	OIL—BBL. 988	GAS—MCF. 988
FLOW. TUBING PRESS. 626	CASING PRESSURE 1477	CALCULATED 24-HOUR RATE →	OIL—BBL. 7903	GAS—MCF. 7903	WATER—BBL. 7903
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold to El Paso Natural Gas Company					
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 **D. I. Tollefson** TITLE **Administrative Assistant** DATE **Feb. 1, 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.)

CCU #209

37. SUMMARY OF POROUS ZONES:			38. GEOLOGIC MARKERS	
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	NAME	MEAS. DEPTH
No DST's on this well				
Supplementary Well History.				
Drilled to 344. Cemented 5 5/8" 244 J-35 STWC Casing at 344 with 200 sacks Type "A" with 2% Gocl. Drilled to 6147. Set 4 1/2" 10.34 J-55 STWC Casing at 6147 with stage tool at 4266. Cemented 1st stage with 400 sacks Type "C" with 6% gel with 2 lbs. Tuf plug per sack, followed by 100 sacks Type "C" Mast. Cemented second stage with 1000 sacks Type "C" with 6% gel with 2 lbs. Tuf plug per sack. Displaced hole with water containing .8% KCL with 2 1/2 lbs. FK-8 per 1000 gal. Spotted 500 gal 7 1/2% acid. Perforated 6042-56 and 6024-36 with 4 shots/ft. Fraced with 47,620 gal water treated as above with 40,000 lbs. 20-40 sand and 10,000 lbs. 10-20 sand. Breakdown pressure 2100. Treating pressure 3100 at 68 Bbls/min. Set Bridge plug at 3990. Perforated 5956-66 with 4 shots/ft. Fraced with 26,270 gal water treated as above with 20,000 lbs. 20-40 sand and 10,000 lbs. 10-20 sand. Breakdown pressure 3500. Treating pressure 3450 at 47 Bbls/min. Drilled Bridge plug and cleaned out to FWD 6105. On 1-13-66 well flowed at the rate of 7903 MCF/Day on 3/4" choke. ITT 626. CPT 1477.			Log Tops Pictured Cliffs Lewis Shale Menoverde Menacos Gallup Besse Gallup Greenhorn Greenhorn Shale Greenhorn Dakota Main Dakota TD	1446 1585 3193 4190 5095 5478 5861 5920 5967 6023 6147