

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. ☐
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 2275 FSL, 1635 FWL, Section 13 NE SW					
At top prod. interval reported below					
At total depth					
14. PERMIT NO.			DATE ISSUED		
15. DATE SPUDDED			16. DATE T.D. REACHED		
2-4-66			2-13-66		
17. DATE COMPL. (Ready to prod.)			18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		
2-26-66			5615 RDB, 5601 GR		
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
6202		6160		23. INTERVALS DRILLED BY	
				Rotary Tools	
				Cable Tools	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*				25. WAS DIRECTIONAL SURVEY MADE	
6074-6088, 6140-6152 Dakota				No	
26. TYPE ELECTRIC AND OTHER LOGS RUN					27. WAS WELL CORED
IES, GRS					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#	378	12 1/4"	225 sacks	None
4 1/2"	10.5#	6202	7 7/8"	500 sacks - 1st stage	None
				862 sacks - 2nd stage	
				stage tool at 4332.	
29. LINER RECORD				30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE
					2 3/8"
					DEPTH SET (MD)
					6078
					PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6074-6088, 6140-6152 w/4 shots/ft.				DEPTH INTERVAL (MD)	
				6140-6152	
				40,000# 20-40 sand	
				500 gal acid	
				6074-6088	
				40,000# 20-40 sand	
				10,000# 10-20 sand	
33.* PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
2-26-66		Flowing			Shut in
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
3-9-66	3	3/4"	→		1139
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
714	1534	→		9109	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST PRESSURE (PSI (CORR.))
To be sold to El Paso Natural Gas Company					RECEIVED
35. LIST OF ATTACHMENTS					MAR 21 1966
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.					CON. COM.
ORIGINAL SIGNED BY					3
SIGNED D. J. Tollefson					TITLE Administrative Assistant
					DATE March 16, 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, state, or Federal procedures and practices, either are set forth in the instructions 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 (well logs, 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) and 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 #217

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 SUPPLEMENTARY WELL HISTORY Drilled to 378; Cemented 8 5/8" 24# casing at 378 with 225 sacks Type "C" with 27 Cactl. Drilled to TD 6202. Set 4 1/2" 10.5# casing at 6202 with stage tool at 4332. Cemented first stage with 400 sacks Type "C" with 6% gel and 27 Tuf plug per sack, followed by 100 sacks Type "C" Neat. Cemented second stage with 862 sacks Type "C" Neat. Temperature survey indicated cement top at 1220. Displaced hole with water containing 0.8% KCl with 2 1/2 lbs. FR-2 per 1000 gal. Spotted 500 gal acid. Perforated 6140-6152 with 4 shots/ft. Fraced with 43,848 gal water treated as above with 40,000# 20-40 sand. Breakdown pressure 1400. Treating pressure 3500 at 34 Bbls/Min. Set bridge plug at 6110. Perforated 6074-6088 with 4 shots/ft. Fraced with 58,380 gal water treated as above with 40,000# 20-40 sand and 10,000# 10-20 sand. Breakdown pressure 900. Treating pressure 3500 at 58 Bbls/Min. Drilled bridge plug and cleaned out to FWD 6160. On 3-9-66 well flowed at the rate of 9109 MCF/day on 3/4" choke. TFF 714. CFF 1534.			

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Lox Tops	1497		
Pictured Cliffs	1690		
Lewis Shale	3220		
Messaverde	4231		
Mamcos	5128		
Gallup	5610		
Base Gallup	5895		
Greenhorn	5960		
Generous Shale	5985		
Generous Dakota	6065		
Main Dakota	6202		
TD			