

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.

5. LEASE DESIGNATION AND SERIAL NO.

ST 078109

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Gallegos Canyon Unit

8. FARM OR LEASE NAME

9. WELL NO.

210

10. FIELD AND POOL, OR WILDCAT

Basin Dakota11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA**Sec. 31, T29N, R12W**12. COUNTY OR
PARISH**San Juan**

13. STATE

New Mexico

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

1720 FSL, 1140 FSL, Section 31 NW SW

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

2-8-66

16. DATE T.D. REACHED

2-16-66

17. DATE COMPL. (Ready to prod.)

3-1-66

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5513 RDB, 5503 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6080

21. PLUG, BACK T.D., MD & TVD

604822. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Surface-6080

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5915-5930, 6004-6016, 6027½-6035½25. WAS DIRECTIONAL
SURVEY MADE**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES, GRs

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24½	358	12 1/4"	225 sacks	None
4 1/2"	10.58	6080	7 7/8"	500 sacks - 1st stage	None
				650 sacks - 2nd stage	
				450 sacks - 3rd stage	
(stage tools at 4120 and 1563)					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6030	

31. PERFORATION RECORD (Interval, size and number)

**5915-5930, 6004-6016, 6027½-6035½ with
4 shots/ft.**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6004-6035½	500 gal 7 1/2% acid
	50,000 lbs sand
5915-5930	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)	
3-1-66		Flowing				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-9-66	3	3/4"	→		1137		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO (CORR.)	
713	1393	→		9097			

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 **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, 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 #210

FORMATION		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	
TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
No DDT's taken on this well EXPLORATORY WELL HISTORY Drilled to 358. Cemented 8 5/8" 240 casing at 358 with 225 sacks class "A" with 7% Celcl. Drilled to TD 4080. Set 4 1/2" 10.54 casing at 6000 with stage tools set at 4120 and 1563. Cemented first stage with 400 sacks Type "C" with 6% gal and 2 lbs tuf plug per sack, followed by 100 sacks Type "C" Mast. Cemented second stage with 600 sacks Type "C" with 6% gal and 2 lbs tuf plug per sack followed by 50 sacks Type "C" Mast. Cemented third stage with 400 sacks Type "C" with 6% gal and 2 lbs tuf plug per sack, followed by 50 sacks Type "C" Mast. Displaced casing with water containing 0.8% HCL with 2 1/2 lbs FB-2 per 1000 gal. Spotted 500 gal 7 1/2% acid. Perforated 6027 1/2-6035 1/2, 6004-6016 with 4 shots/ft. Fraced with 54,810 gal water treated as above with 40,000 lbs 20-40 sand and 10,000 lbs 10-20 sand. Breakdown pressure 1400. Treating pressure 3500 at 52 Mbls/Mdn. Set bridge plug at 5950. Perforated 5915-5930 with 4 shots/ft. Fraced with 28,980 gal water treated as above with 20,000 lbs 20-40 sand and 10,000 lbs 10-20 sand. Breakdown pressure 1400. Treating pressure 3500 at 54 Mbls/Mdn. Drilled out bridge plug and cleaned out to FWD 6048. On 3-9-66 well flowed at the rate of 9097 MCF/Day on 3/4" choke. ITT 713. CFF 1393.					
			LOG TOPS Pictured Cliffs Lewis Shale Mesaverde second Mancos Gallup Base Gallup Greenhorn Greenhorn Shale Greenhorn Dakota Mesa Dakota TD	1352 1536 3120 4118 5030 5550 5808 5875 5911 5997 6080	