

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.

3F-078903-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Callegos Canyon Unit-Dakota

9. WELL NO.

185

10. FIELD AND POOL, OR WILDCAT

Basin Dakota11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA**N4/4 NW/4 Section 33,
T-23-N, R-12-W**12. COUNTY OR
PARISH**San Juan**

13. STATE

New Mexico

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

P. O. Box 480, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface **790 FNL and 890 FNL**At top prod. interval reported below **Same**At total depth **Same**

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED **10-2-64** 16. DATE T.D. REACHED **10-11-64** 17. DATE COMPL. (Ready to prod.) **11-2-64** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **5667 (RDB)** 19. ELEV. CASINGHEAD **—**20. TOTAL DEPTH, MD & TVD **6100** 21. PLUG, BACK T.D., MD & TVD **6067** 22. IF MULTIPLE COMPL., HOW MANY* **—** 23. INTERVALS DRILLED BY **—** ROTARY TOOLS **0-6100** CABLE TOOLS **—**24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Graneros Dakota Main Dakota
5854-5930 5930-5990 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)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	375	12-1/4"	225 Sacks	None
4-1/2"	10.5#	6094	7-7/8"	1500 Sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5905	

31. PERFORATION RECORD (Interval, size and number)

5934-50, 5972-60 with 2 shots per foot
5888-98 with 4 shots per foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5934-5980	53,318 gallons water and 40,000 pounds sand
5888-5898	26,460 gallons water and 20,000 pounds sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flow				Shut In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-2-64	3	3/4"	→		775		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	TEST WITNESSED	
500	1175	→				RECEIVED	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold to El Paso Natural Gas Company

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

TITLE

DATE **November 12, 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: "Seals 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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Sand and Shale	0	1320				
Pictured Cliff	1330	1425				
Lewis Shale	1425	2230				
Megawarde	2230	4050				
Mudcos	4050	4938				
Callup	4938	5300				
Base Callup	5300	5756				
Greenhorn	5756	5818				
Graneros Shale	5818	5854				
Graneros Dakota	5854	5930				
Main Dakota	5930	6100				