

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. I-149-IND-8471	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION		7. UNIT AGREEMENT NAME _____	
3. ADDRESS OF OPERATOR P. O. Box 480, Farmington, New Mexico		8. FARM OR LEASE NAME Callegos Canyon Unit-Dakota	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 800 FWL and 2180 FWL At top prod. interval reported below At total depth Same		9. WELL NO. 176	
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DATE SPUEDDED 8-31-64		11. SEC. T., R., M., OR BLOCK AND SURVEY NE 1/4, NW 1/4, Section 25, T-28-N, R-13-W	
16. DATE T.D. REACHED 9-13-64		12. COUNTY OR PARISH _____	
17. DATE COMPL. (Ready to prod.) 10-6-64		13. STATE _____	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5983 RDB		19. ELEV. CASINGHEAD ---	
20. TOTAL DEPTH, MD & TVD 6402		21. PLUG, BACK T.D., MD & TVD 6369	
22. IF MULTIPLE COMPL., HOW MANY* _____		23. INTERVALS DRILLED BY 0-6402	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Graneros Dakota 6214-6298 Main Dakota 6298-6340		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction - Electric X 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
8-5/8"	24#	362'	12-1/4"
4-1/2"	10.5#	6402'	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
225 Sacks		None	
1900 Sacks		None	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD		AMOUNT AND KIND OF MATERIAL USED	
SIZE	DEPTH SET (MD)		
2-3/8"	6272		
31. PERFORATION RECORD (Interval, size and number)			
6313-6330 with 4 shots per ft. 6246-6261 with 4 shots per ft.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
6313-6330		47,420 gal water, 50,000 lbs sand	
6246-6261		D14 not frack	
33.* PRODUCTION			
DATE FIRST PRODUCTION _____		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flow	
DATE OF TEST 10-6-64		WELL STATUS (Producing or shut-in) Shut in	
HOURS TESTED 3	CHOKE SIZE 3/4	OIL--BBL. 612	GAS--MCF. 612
PROD'N. FOR TEST PERIOD ---	OIL--BBL. ---	GAS--MCF. ---	WATER--BBL. ---
FLOW. TUBING PRESS. 430	CASING PRESSURE 1275	CALCULATED 24-HOUR RATE ---	OIL GRAVITY-API (CORR.) ---
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 ORIGINAL SIGNED BY F. H. HOLLINGSWORTH SIGNED _____ TITLE _____ DATE 10-9-64			

*(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.), formations 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.)

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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Sand and Shale	0	1675			
Pictured Cliffs	1675	1795			
Lewis Shale	1795	2540			
Mesa Verde	2540	4410			
Mancos	4410	5280			
Gallup	5280	5646			
Rose Gallup	5646	6112			
Greenhorn	6112	6176			
Graneros Shale	6176	6214			
Graneros Dakota	6214	6298			
Main Dakota	6298	6402			