

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 _____				5. LEASE DESIGNATION AND SERIAL NO. SP-078828-A	
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 Gallegos Canyon Unit-Dakota	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2130 FNL and 790 FNL Section 29, T-28-N, R-12-W At top prod. interval reported below At total depth Same				9. WELL NO. 165	
14. PERMIT NO.				DATE ISSUED	
15. DATE SPUDDED 5-27-64				16. DATE T.D. REACHED 6-8-64	
17. DATE COMPL. (Ready to prod.) 7-8-64				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5599 (RKB)	
20. TOTAL DEPTH, MD & TVD 6015				21. PLUG, BACK T.D., MD & TVD 5979	
22. IF MULTIPLE COMPL., HOW MANY*				23. INTERVALS DRILLED BY 0-6015	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Graneros Dakota 5913-16 Main Dakota 5913-27 5944-52				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Sonic and Induction Electric				27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8-5/8"		24#		356	
4-1/2"		10.5#		6015	
HOLE SIZE		HOLE SIZE		AMOUNT PULLED	
12-1/4"		7-7/8"		None	
250 Sacks		1600 Sacks		None	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
2-3/8"		5854		PACKER SET (MD)	
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2-3/8"		5854		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)					
5913-27 with two shots per foot					
5944-52 with three shots per foot					
5836-46 with two shots per foot					
5942-56 with four shots per foot					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
5913-5952		48,330 gal. water, 50,000 pounds sand			
5836-5856		26,900 gal. water, 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)	
7-8-64		3		Shut-In	
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
600		1275		7500	
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		ORIGINAL SIGNED BY		TITLE	
F. H. HOLLINGSWORTH		F. H. HOLLINGSWORTH		DATE August 11, 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 38, 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.)

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.
Sand and Shale	0	1300	
Piedmont Cliffs	1300	1450	
Lewis Shale	1450	2205	
Meigs Vard	2205	4030	
Meigs Shale	4030	4922	
Gallup	4922	5286	
Base Gallup	5286	5736	
Greenhorn	5736	5788	
Ordovician Shale	5788	5836	
Ordovician Dakota	5836	5906	
Main Dakota	5906	6015	

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH