

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. SR 076 337	
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 W. D. Heath "A"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 820 FSL and 1450 FWL At top prod. interval reported below At total depth Same				9. WELL NO. 9	
14. PERMIT NO.				10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DATE SPUDDED 9-24-64				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SE/4, SW/4, Section 9, T-29-N, R-9-W	
16. DATE T.D. REACHED 9-22-64				12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 10-20-64				13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5720 (RDB)				19. ELEV. CASINGHEAD ---	
20. TOTAL DEPTH, MD & TVD 6761		21. PLUG, BACK T.D., MD & TVD 6700		23. INTERVALS DRILLED BY 0-6761	
22. IF MULTIPLE COMPL., HOW MANY*				ROTARY TOOLS 0-6761	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Graneros Dakota 6550-6628 Main Dakota 6628-6685				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray - Neutron				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
10-3/4"		32.75#		280	
7-5/8"		24 #		2401	
4-1/2"		10.5 #		6761	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
13-3/4"		250 Sacks		None	
9-7/8"		500 Sacks		None	
6-3/4"		650 Sacks		None	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2-3/8"		6348			
31. PERFORATION RECORD (Interval, size and number)					
6716-22, 6728-34 with 4 shots per foot. 6635-54, 6671-84 with 2 shots per foot. 6586-93, 6650-62 with 2 shots per foot.					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
6716-6734		22,260 Gal. water & 20,000 LB SW			
6635-6684		35,436 Gal. Water & 30,000 LB SW			
6586-6662		32,214 Gal. Water & 30,000 LB SW			
33. PRODUCTION					
DATE FIRST PRODUCTION 10-20-64		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow			WELL STATUS (Producing or shut-in) Shut In
DATE OF TEST 10-20-64		HOURS TESTED 3		CHOKE SIZE 3/4	
FLOW, TUBING PRESS. 185		CASING PRESSURE 525		CALCULATED 24-HOUR RATE ---	
OIL—BBL. ---		GAS—MCF. 275		WATER—BBL. ---	
OIL—BBL. ---		GAS—MCF. 2200		WATER—BBL. ---	
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 Fred L. Nabors - District Engineer SIGNED F. H. HOLLINGSWORTH ORIGINAL SIGNED BY --- TITLE --- DATE 10-28-64					

* (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.), 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	NAME	MEAS. DEPTH	TOP
					TRUE VERT. DEPTH
Sand and Shale	0	2295			
Pictured Cliffs	2295	2400			
Leads Shale	2400	3950			
Measurds	3950	4700			
Mamers	4700	5970			
Gallup	5970	6140			
Base Gallup	6140	6444			
Greenhorn	6444	6504			
Graneros Shale	6504	6550			
Graneros Dakota	6550	6628			
Main Dakota	6628	6761			