

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

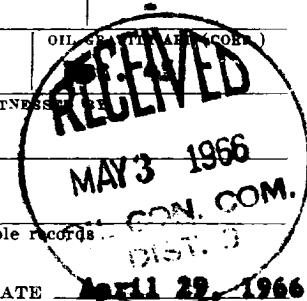
SUBMIT IN DUPLICATE*

(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 _____		
b. TYPE OF COMPLETION:		NEW WELL ☐	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☒	DIFF. RESVR. ☒	Other _____
2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION						5. LEASE DESIGNATION AND SERIAL NO. MM 93153	
3. ADDRESS OF OPERATOR P. O. Box 480, Farmington, New Mexico						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 920' FWL and 1720' FWL At top prod. interval reported below At total depth Same						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						DATE ISSUED	
15. DATE SPUDDED 5-21-64						16. DATE T.D. REACHED 5-31-64	
17. DATE COMPL. (Ready to prod.) 4-25-66						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6320' (RDB)	
19. ELEV. CASINGHEAD						20. TOTAL DEPTH, MD & TVD 6300'	
21. PLUG BACK T.D., MD & TVD 5500'						22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY						ROTARY TOOLS 0-6300'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Lower Gallup 5162-5452'						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction electric and Gamma Ray Sonic						27. WAS WELL CORED yes	
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#		6300'		7-7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-3/8"		5410'		None			
31. PERFORATION RECORD (Interval, size and number) 5286-5304, 5310-20, 5356-76, and 5418-52 with 2 spf (All Dakota perfs squeezed off)							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
All Gallup perfs				14,580 gallons oil and 10,000 lbs. sand, 1000 gallons acid, & 29,910 gallons oil & 21,000 lbs. sand.			
33.* PRODUCTION							
DATE FIRST PRODUCTION 4-25-66		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 1-1/2" pump, 9 SPF/ 48" stroke				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 4-25-66		HOURS TESTED 24		CHOKE SIZE -		PROD'N. FOR TEST PERIOD 8	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE 8		OIL—BBL. 8	
						GAS—MCF. -	
						WATER—BBL. 0	
						OIL—GAL. (BBL. COR.) 0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESS	
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.							
SIGNED C. W. Eaton, Jr.		TITLE Area Engineer		DATE April 29, 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 3b.

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 & Shale	0	1690			
Pictured Cliffs	1690	1790			
Lewis Shale	1790	3160			
Mesa Verde	3160	4324			
Mancos	4324	5162			
Gallup	5162	5462			
Base Gallup	5462	6030			
Greenhorn	6030	6080			
Graneros Shale	6080	6139			
Graneros Dakota	6139	6183			
Main Dakota	6183	6300			