

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

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION		U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, New Mexico 87401		JUL 7 1967	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1180' FSL and 1480' FSL At top prod. interval reported below Same At total depth Same		14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 4-10-67		16. DATE T.D. REACHED 4-28-67		17. DATE COMPL. (Ready to prod.) 5-8-67	
18. ELEVATIONS (DF. RKB, RT, GR, ETC.)* 6917' (RDB)		19. ELEV. CASINGHEAD --		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Apache Tribal	
20. TOTAL DEPTH, MD & TVD 7976'		21. PLUG, BACK T.D., MD & TVD 7939'		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-7976'		7. UNIT AGREEMENT NAME	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7700-7820' Graneros Dakota 7820-7874' Middle Dakota 7874-7910' Lower Dakota		25. WAS DIRECTIONAL SURVEY MADE No		8. FARM OR LEASE NAME Jicarilla Apache Tribal 151	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Log, Bond Log, Induction Electrical		27. WAS WELL CORED No		9. WELL NO. 1	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
9-5/8"		36-40#		429'	
4-1/2"		104-11.6#		7974'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
13-3/4"		300 sacks		None	
7-7/8"		2000 sacks		None	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
2-3/8"		7692'		PACKER SET (MD)	
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2-3/8"		7692'		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number of holes)					
7900-7910' with 3 SPF		7864-7874' with 3 SPF		7820-7836' with 3 SPF	
7784-7790' with 3 SPF		7720-7730' with 3 SPF		7700-7710' with 3 SPF	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
7910-7864'		Frac 54,894 gal water, 34000# sand			
7784-7836'		Frac 52,920 gal water, 40000# sand			
7700-7730'		Frac 54600 gal water, 48000# sand, Spearhead with 750gal 15% acid			
33.* PRODUCTION					
DATE FIRST PRODUCTION 5-19-67		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 5-18-67		HOURS TESTED 3		CHOKE SIZE 3/4"	
FLOW. TUBING PRESS. 200		CASING PRESSURE 1875		CALCULATED 24-HOUR RATE --	
OIL—BBL. --		GAS—MCF. 2400		WATER—BBL. --	
OIL GRAVITY-API (CORR.) --		GAS—MCF. 2400		WATER—BBL. --	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to Southern Union 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					
SIGNED G. W. EATON, JR.		TITLE Area Engineer		DATE July 5, 1967	

*(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:			38. GEOLOGIC MARKERS		
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			NAME	TOP	
FORMATION	TOP	MEAS. DEPTH		TRUE VERT. DEPTH	
Pictured Cliffs	3480'				
Lewis Shale	3565'				
Mesaverde	5160'				
Montez	5870'				
Gallup S.S.	6620'				
Base Gallup	7150'				
Greenhorn	7350'				
Grangeros Shale	7465'				
Grangeros Dakota	7700'				
Middle Dakota	7815'				
Lower Dakota	7895'				