

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Apache Tribal 122			
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache			
2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION				7. UNIT AGREEMENT NAME			
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, New Mexico - 87401				8. FARM OR LEASE NAME Jicarilla Apache Tribal 122			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 960' FNL & 1090' FWL, Unit "D" At top prod. interval reported below Same At total depth Same				9. WELL NO. 1			
14. PERMIT NO. _____ DATE _____				10. FIELD AND POOL, OR WILDCAT Basin Dakota			
15. DATE SPUNDED 8-29-69				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NW/4 Section 4, T-25-N, R-4-W			
16. DATE T.D. REACHED 9-14-69				12. COUNTY OR PARISH Rio Arriba			
17. DATE COMPL. (Ready to prod.) 10-8-69				13. STATE New Mexico			
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR 6854, RKB 6869				19. ELEV. CASINGHEAD 6854'			
20. TOTAL DEPTH, MD & TVD 7879'		21. PLUG, BACK T.D., MD & TVD 7843'		22. IF MULTIPLE COMPL., HOW MANY* —		23. INTERVALS DRILLED BY —	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7110-7574', Dakota						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electrical and 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		410		12-1/4"	
4-1/2"		10.5 &		7879		7-7/8"	
		11.6					
						300 sx (Circ)	
						2225 sx w/DV @ 3498 & 5848	
						(1st 625 sx, 2nd 700 sx, 3rd 900 sx)	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-3/8"		7572					
31. PERFORATION RECORD (Interval, size and number)							
7710-22 x 7730-33 w/2-SPF-- 7670-85 w/2 SPF 7556-61 x 7569-74 w/4 SPF-500 gal HCL w/ 20,000 gal wt 15,000# 20-40 sn x 5000# 10-20 sn							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
7710-33				500 gal 15% HCL w/30,000 gal wt x 20,000# 20-40 sn x 10,000# 10-20			
7670-85*				sn.*500 gal 15% HCL w/20,000 gal wt x 15,000# 20-40 sn x 5000# 10-			
33.* PRODUCTION 20 sn.							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut In	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
10-15-69		3 hr		3/4"		—	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO	
86 psig		494 psig		—		1122 (AOF 1164)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold to Southern Union Gas Company						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							
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 10-29-69	

*(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: "Stuck 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 PRESSURE, FLOWING AND SEEPAGE PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH TOP TRUE VERT. DEPTH
Graneros Dakota Main Dakota	7555	7592	Natural gas with some condensate and water Natural gas with some condensate and water	Kirtland	3038'
	7672	7745		Pictured Cliffs	3338'
				Lewis Shale	3405'
				Cliffhouse	4987'
				Mancos Shale	5735'
				Gallup	6204'
				Greenhorn	7460'
				Graneros Shale	7522'
				Graneros Sand	7555'
				Main Dakota	7672'