

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

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 ☐				RECEIVED OCT 21 1969 OIL CON. COM. DIST. 3	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐					
2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION					
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, New Mexico - 87401					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1190' PSL & 930' PSL, Unit "A" At top prod. interval reported below Same At total depth Same					
14. PERMIT NO.		DATE ISSUED		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DATE SPUNDED 8-11-69		16. DATE T.D. REACHED 9-2-69		17. DATE COMPL. (Ready to prod.) 9-24-69	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR 6306' RKB 6320'		19. ELEV. CASINGHEAD 6306'		20. TOTAL DEPTH, MD & TVD 7554'	
21. PLUG, BACK T.D., MD & TVD 7520'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-70	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7285 - 7402', Dakota				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electrical and Gamma Ray Acoustical				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8-5/8"		24#		358	
4-1/2"		10.5#		7554	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12-1/4"		250 ex (Circ)			
7-7/8"		2275 ex w/UV at 3094 & 5384			
		(Lat 650 ex, 2nd 725 ex, 3rd 900 ex)			
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"		7336'			
31. PERFORATION RECORD (Interval, size and number)					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
7385-7402		500 gal 15% HCL frac w/36,010 gal wt & 25,000# 20-40 mesh & 15,000#			
7285-7308		10-20 mesh 4500 gal 15% HCL frac w/ 40,820 gal wt & 25,000# 20-40 mesh & 10,000# 18-20 mesh			
33.* PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			
-		Flowing			
DATE OF TEST		HOURS TESTED		CHOKE SIZE	
10-1-69		3 hrs.		3/4"	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
198 psig		700 psig		2464 (ACF 2695)	
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					
SIGNED		TITLE		DATE	
G. W. Eaton, Jr.		Area Engineer		October 14, 1969	

*(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.

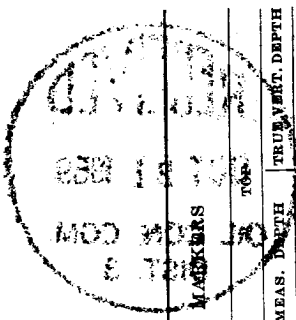
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal 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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH TRUE VERT. DEPTH
Grameros Dakota Main Dakota	7284' 7382'	7318' 7426'	Natural gas with some water Natural gas with some water	Kirtland Pictured Cliffs Lewis Shale Cliffhouse Nancoos Shale Callup Greenhorn Grameros Shale Grameros Sand Main Dakota	2345' 2862' 2990' 4325' 5290' 5830' 7182' 7237' 7284' 7382'