

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									
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, New Mexico									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1115' FWL & 2140' FWL, Unit "C" At top prod. interval reported below Same At total depth Same									
14. PERMIT NO.				DATE ISSUED FEB 6 1970					
15. DATE SPUDDED 11-23-69		16. DATE T.D. REACHED 12-14-69		17. DATE COMPL. (Ready to prod.) 1-9-70		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR 6282', RKB 6296'		19. ELEV. CASINGHEAD 6282'	
20. TOTAL DEPTH, MD & TVD 7965'		21. PLUG, BACK T.D., MD & TVD 7930'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-TD		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7781-7920', Dakota	
25. TYPE ELECTRIC AND OTHER LOGS RUN Induction-Gamma Ray, Formation Density and Sidewall Neutron		26. WAS DIRECTIONAL SURVEY MADE No		27. WAS WELL CORED Yes					
28. CASING RECORD (Report all strings set in well)									
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD	
10-3/4"		40.5 & 32.75		206'		15"		300 sz (cire)	
7-7/8"		26.4		3868'		9-7/8"		750 sz (cire)	
4-1/2"		11.6		7965'		5-3/4"		575 sz w/DV at 6114'	
								(1st 275 sz, 2nd 300 sz)	
29. LINER RECORD								30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)	
SIZE		DEPTH SET (MD)							
2-3/8"		7735'							
31. PERFORATION RECORD (Interval, size and number)								32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7865-72, 7876-81, 7893-98, 7900-04 & 7915-20 x 2 SPF 7825-42 x 2 SPF 7781-7800 x 2 SPF								DEPTH INTERVAL (MD)	
								AMOUNT AND KIND OF MATERIAL USED	
								7865-7920 - 500 gal HCl, 30,000 gal wt. 25,000#	
								20-40 sz & 5,000# 10-20 sz.	
								7825-42 - 500 gal HCl, 16,500 gal wt. 16,500#	
								20-40 sz - sandd off.	
33.* PRODUCTION								7781-7800 - 500 gal HCl, 8,000 gal wt. 8,000#	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)			
		Flowing				Shut in			
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.	
1-16-70		3 hr.		3/4"				GAS—MCF.	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.	
107 psig		414 psig				1381 (AOY 1409)		WATER—BBL.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)								OIL GRAVITY-API (CORR.)	
To be sold to El Paso Natural Gas Co.									
35. LIST OF ATTACHMENTS								TEST WITNESSED BY	

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

G. W. P. Jr.

TITLE

Area Engineer

DATE February 4, 1970

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct 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, 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH TOP TRUE VERT. DEPTH
Graneros Dakota	7779'	7823'	Natural gas with some condensate and water	Lewis Shale	3877'
Main Dakota	7823'	ID	Natural gas with some condensate and water	Cliffhouse Gallup Greenhorn Graneros Shale Graneros Sand Main Dakota	5592' 6802' 7603' 7654' 7779' 7823'