

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 _____				5. LEASE DESIGNATION AND SERIAL NO. ST 080844			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION				7. UNIT AGREEMENT NAME			
3. ADDRESS OF OPERATOR P. O. Box 480, Farmington, New Mexico				8. FARM OR LEASE NAME T. L. Rhodes "C"			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1190' FNL & 2180' FNL At top prod. interval reported below At total depth Same				9. WELL NO. 3			
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUNDED 9-1-66				16. DATE T.D. REACHED 9-11-66			
17. DATE COMPL. (Ready to prod.) 10-16-66				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6046 OL, 6058 RDB			
19. ELEV. CASINGHEAD ---				20. TOTAL DEPTH, MD & TVD 6570			
21. PLUG, BACK T.D., MD & TVD 6534				22. IF MULTIPLE COMPI., HOW MANY* Surf to 6570			
23. INTERVALS DRILLED BY ROTARY TOOLS ---				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6370-78, 6394-6402 Graneros Dakota 6448-60, 6494-6506 Main Dakota			
25. WAS DIRECTIONAL SURVEY MADE No				26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric 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	CEMENTING RECORD	AMOUNT PULLED	
8-5/8"		24#	359'	12-1/4"	225 sacks	None	
4-1/2"		10.3#	6570'	7-7/8"	500 sacks - 1st stage	None	
					500 sacks - 2nd stage		
					350 sacks - 3rd stage		
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6387'	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
6448-60'		4 shots per foot		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
6494-6506'		4 shots per foot		6448-6506'		500 gal acid, 34,094 gal water & 40,000 lbs 20-40 & 10,000 lbs 10-20	
6370-78'		3 shots per foot		6370-6402'		34,776 gal water, 20,000 lbs 20-40 & 10,000 lbs 10-20 sand	
6394-6402'		3 shots per foot					
33.* PRODUCTION				WELL STATUS (Producing or shut-in) Shut in			
DATE FIRST PRODUCTION 10-16-66		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		OIL—BBL.		GAS—MCF.	
DATE OF TEST 10-24-66		HOURS TESTED 3		CHOKE SIZE 3/4"		WATER—BBL.	
FLOW. TUBING PRESS. 440 psig		CASING PRESSURE 931 psig		PROD'N. FOR TEST PERIOD ---		GAS—MCF. 683	
CALCULATED 24-HOUR RATE ---		OIL—BBL.		GAS—MCF.		WATER—BBL.	
DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold to El Paso Natural Gas Company		OIL—BBL.		GAS—MCF.		WATER—BBL.	
35. LIST OF ATTACHMENTS		36. I hereby certify that the foregoing information is complete and correct as determined from all available records		TESTED BY ---			
SIGNED G. W. Eaton, Jr.		TITLE Area Engineer		DATE October 25, 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 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.)

I. L. Rhodes "C" No. 3

No cores

No DST

37. SUMMARY OF POROSITY 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.	NAME	MEAS. DEPTH	TOP
WELL HISTORY					Log Tops		
Well was spudded 9-1-66 and drilled to a depth of 359' where 8-5/8" casing was set with 225 sacks Class "A" cement containing 2% calcium chloride. Well was drilled to a depth of 6570' where 4-1/2" casing was set with stage tools at 4701 and 2085. Cemented first stage with 400 sacks "C" cement with 6% Gel and 2 lbs. medium Tuf Plug per sack followed by 100 sacks Type "C" cement. Cemented second stage with 450 sacks Type "C" cement with 6% Gel and 2 lbs. medium Tuf Plug per sack followed by 50 sacks Type "C" cement. Cemented third stage with 300 sacks Type "C" with 6% Gel and 2 lbs. medium Tuf Plug per sack followed by 50 sacks "C" cement. Displace hole with water containing 0.8% potassium chloride and 2-1/2 lbs. FB-2 per 1000 gallons. Spotted 500 gallons 7-1/2% acid and perforated Main Dakota 6448-60 and 6494-6506 with 4 RTF. SHUT with 54,094 gallons treated water and 40,000 lbs. 20-40 sand and 10,000 lbs. 10-20 sand. Breakdown pressure 1700, average treating pressure 3200 and AIR 53.6 MPN. Dropped in 15 ball sealers after 22,000 lbs. and 18 ball sealers after 30,000 lbs. sand. Dropped 15 ball sealers after 38,000 lbs. sand. Perforated with 3 shots per foot. SHUT with 34,776 gallons treated water and 20,000 lbs. 20-40 sand and 10,000 lbs. 10-20 sand. Average treating pressure 3500 and AIR 51.6 MPN. 2-3/4" tubing was landed at 6307 and on 10-16-66 well was completed as a shut in Main Dakota Field development gas well. On 10-24-66 well flowed 5469 MCFD with 3/4" choke with TFF 440 psig and CTF 931 psig. Top pay Dakota 6370.				Pictured Cliffs Lewis Shale Manavero Manavero Shale Gallup Base Gallup Greenhorn Grangeros Shale Grangeros Dakota Main Dakota Grangeros Dakota Grangeros Dakota Grangeros Dakota Main Dakota	1872 1954 3452 4390 5472 5849 6271 6333 6389 6445 6370-6378 and 6394-6402 20-40 sand and 10,000 lbs. 20-40 sand and 10,000 lbs. 2-3/4" tubing was landed at 6307 and on well flowed 5469 MCFD		