

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions 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 078139	
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 Security Life Building, Denver, Colorado 80202		8. FARM OR LEASE NAME Sandoval Gas Com "C"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 790 NWL, 1600 NWL, Sec. 35, NW, NE At top prod. interval reported below At total depth		9. WELL NO.	
14. PERMIT NO.		DATE ISSUED FEB 28 1966	
15. DATE SPURRED 12-18-65		16. DATE T.D. REACHED 1-2-66	
17. DATE COMPL. (Ready to prod.) 2-7-66		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5724 RDB, 5711 GL	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 7101	
21. PLUG, BACK T.D., MD & TVD 7088		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY Surface 7101		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6926-44, 6950-54, 7062-78, Dakota	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN GR Density	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.	
10-3/4"		32.75	
7-5/8"		24	
4-1/2"		10.5	
Depth Set (MD)		Hole Size	
293		13-3/4"	
2549		9-7/8"	
7101		6-3/4"	
Cementing Record		Amount Pulled	
250 sacks		None	
350 sacks		None	
250 3X-1st stage, 225 - 2nd stage, Tool at 5010		None	
29. LINER RECORD		30. TUBING RECORD	
Size		Top (MD)	
Bottom (MD)		Sacks Cement*	
Screen (MD)		Size	
2-3/4"		Depth Set (MD)	
6937		Packer Set (MD)	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6926-44, 6950-54 with 4 shots/ft.		Depth Interval (MD)	
7062-78 with 6 shots/ft.		Amount and Kind of Material Used	
		7062-78	
		500 gal. 7 1/2% acid, 4500 lbs. 20-40 sand	
		6926-54	
		500 gal. 7 1/2% acid, 40,000 lbs. sand	
33.* PRODUCTION		WELL STATUS (Producing or shut-in)	
Date First Production		Production Method (Flowing, gas lift, pumping—size and type of pump)	
2-7-66		Flowing	
Date of Test		Hours Tested	
2-15-66		3	
Flow. Tubing Press.		Casing Pressure	
102		241	
Calculated 24-hour rate		Oil—BBL.	
		1321	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST	
To be sold to El Paso Natural Gas Company		RECEIVED	
35. LIST OF ATTACHMENTS		MAR 1 1966	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.		DIST. 3	
SIGNED R. H. BEERS		DATE 2-24-66	
TITLE Administrative Assistant			
* (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 submitting 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 47: 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 48: Indicate which completion 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.)

Supplemental Gas Com "C" 41

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Supplementary Well History			
Drilled to 293. Cemented 10-3/4" 32.75# casing at 293 with 250 sacks Type "C" with 21 csl. Drilled to 2549. Cemented 7-5/8" 24# casing at 2549 with 400 sacks Type "C" with 67 gal. with 2 lbs. Tuf plug per sack, followed by 150 sacks Type "C" Next with 21 csl. Drilled to TD 7101. Set 4-1/2" 10.5# casing at 7101 with stage tool at 5010. Cemented first stage with 20 bbls gelled water ahead of 150 sacks Type "C" with 67 gal. and 2 lbs. Tuf plug per sack followed by 100 sacks Type "C" Next. Cemented second stage with 30 sacks Type "C" Next crete "6" per sack and 1 lb. Tuf plug per sack followed by 25 sacks Type "C" Next. Drilled out and cleaned to FWD 7008. Displaced hole with water containing .8% HCl with 2-1/2 lbs. FR-8 per 1000 gal. Spotted 500 gal. 7 1/2 acid. Perforated 7652-78 with 6 shots/ft. Frased with 10,430 gal. water treated as above with 75,000 lbs. 20-40 sand. Sandbed off with 4,500 lbs. in formation. No breakdown pressure. Treating pressure 3500 at 31 bbls/min. Cleaned out to FWD 7008. Spotted 500 gal. 7 1/2 acid. Set bridge plug at 4805. Perforated 6956-64, 6950-54 with 4 shots/ft. Frased with 44,800 gal. water treated as above with 30,000 lbs. 20-40 sand and 10,000 lbs. 10-20 sand. Breakdown pressure 1500. Treating pressure 3500 at 44.5 bbls/min. Drilled bridge plug and cleaned out to FWD 7008. On 2-15-65 well flowed at the rate of 1321 MCF/day. No DST's taken on this well.			
			Log Tops Measurds Fences Callup Base Callup Greenhorn Graneros Shale Graneros Dak Main Dakota TD 3900 4740 5915 6370 6793 6869 6922 7059 7101