

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 Security Life Building, Denver, Colorado 80202							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 790 FSL, 2310 FWL, Section 33 SE SW At top prod. interval reported below At total depth							
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUDDED 11-17-65				16. DATE T.D. REACHED 11-27-65		17. DATE COMPL. (Ready to prod.) 12-22-65	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5429 RDB, 5415 GR				19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 6037		21. PLUG. BACK T.D., MD & TVD 6002		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY Surface-6037	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5850-64, 5932-39, 5952-62 Basin Dakota						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GMS						27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8"		24#		359		12 1/4"	
4 1/2"		10.5#		6037		7 7/8"	
						250 sacks	
						500 sacks - 1st stage	
						650 sacks - 2nd stage	
						stage tool at 4141	
						AMOUNT PULLED	
						None	
						None	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8"		5844					
31. PERFORATION RECORD (Interval, size and number)							
5850-64, 5932-39, 5952-62 with 4 shots/ft.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
5932-62				500 gal 7 1/2% acid			
5850-64				50,000 lbs. sand			
				35,200 lbs. sand, 4000 AMOCO			
				506 HCF-2			
33.* PRODUCTION							
DATE FIRST PRODUCTION 12-22-65		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut in	
DATE OF TEST 12-30-65		HOURS TESTED 3		CHOKE SIZE 3/4		PROD'N. FOR TEST PERIOD →	
FLOW. TUBING PRESS. 743		CASING PRESSURE 1347		CALCULATED 24-HOUR RATE →		OIL—BBL. 1190	
						GAS—MCF. 9516	
						WATER—BBL.	
						GAS-OIL RATIO	
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							
ORIGINAL SIGNED BY D. I. TOLLEFSON							
SIGNED D. I. Tollefson		TITLE Administrative Assistant				DATE Jan. 17, 1966	

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

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.)

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
38. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		GEOLOGIC MARKERS						
No DST's on this well.								
Supplementary Well History.								
Drilled to 359. Cemented 8 1/8" 24# J-55 STAG Casing at 359 with 250 sacks Type "A" with 2% Cascl. Drilled and Cored to TD 6037. Set 4 1/2" 10.5# J-55 STAG Casing at 6037 with stage tool at 4141. Cemented first stage with 400 sacks Type "C" with 6% gel and 2 lbs. Tuf plug per sack, followed by 180 sacks Type "C" Neat. Cemented second stage with 450 sacks Type "C" with 6% gel and 2 lbs. Tuf plug per sack. Drilled out to FWD 6002. Displaced hole with water containing .8% NGL with 2 1/2 lbs. FL-2 per 1000 gal. Fraced with 36,498 gal water treated as above with 5952-62 with 4 shots/ft. Fraced with 40,000 lbs. 20-40 sand. Breakdown pressure 1550. Treating pressure 3000 at 57 Bbls/Min. Set Bridge plug at 5890. Perforated 5850-64 with 4 shots/ft. Fraced with 10,920 gal water treated as above with 11,200 lbs. 20-40 sand. Breakdown pressure 1300. Treating pressure 3500 at 52 Bbls/Min. Cleaned out to Bridge plug at 5890. Fraced with 29,400 gal water treated as above with 24,000 lbs. 20-40 sand and 4000 lbs. AMCO 506 NEF-2 with 1/4 to 1/2 gal AMCO surfactant per 1000 gal. No breakdown pressure. Treating pressure 3300 at 43 Bbls/Min. Drilled out Bridge plug and cleaned out to FWD 6002. On 12-30-65 well flowed at the rate of 9516 MCF/day on 3/4" choke. TFF 743. GPF 1347. Core #1. - 5830-5847. Recovered 17'. 5730-44 Hard, black, poker-chip shale. 5744-47 clean dense sandstone. Core #2. - 5847-5907. Recovered 60'. 5847-59 1/2 clean sandstone with vertical fraccs, shaly at 5861. 5959 1/2-60 sandy shale. 5860-62 sandstone with vertical fraccs, shaly at 5861.		<u>Log Tops</u> Pictured Cliffs Lewis Shale Messaverde Mamcos Gallup Besse Gallup Greenhorn Greneros Shale Greneros Dakota Main Dakota TD	1320 1458 3058 4050 4970 5341 5741 5809 5843 5918 6037					