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Form approved.
Budget Bureau No. 42-R355.5.

UNITED STATES

MAY 8 1967

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structions on
reverse side)NM000 - INTENSIVE
NM000 - REPAIRS

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY

ROSWELL, NEW MEXICO

BLM WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-0351427-A	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. U.S. INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR BOX 68, HOBBS, N. M. 88240		8. FARM OR LEASE NAME CATO "D" Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL x 1980' FEL Sec. 23 (NE 1/4 NE 1/4, UNIT B) At top prod. interval reported below At total depth		9. WELL NO. 1	
14. PERMIT NO.		13. STATE N.M.	
15. DATE SPUDDED 4-10-67		12. COUNTY OR PARISH CHAUVES	
16. DATE T.D. REACHED 4-17-67		10. FIELD AND POOL, OR WILDCAT CATO San Andres	
17. DATE COMPL. (Ready to prod.) 4-22-67		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 23-8-30 NMPM	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4206' R.D.B.		19. ELEV. CASINGHEAD -	
20. TOTAL DEPTH, MD & TVD 3800'		23. INTERVALS DRILLED BY 10-TD	
21. PLUG, BACK T.D., MD & TVD 3630'		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3568-3607' San Andres	
22. IF MULTIPLE COMPL., HOW MANY*		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Neutron		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE 8 5/8" 4 1/2"	WEIGHT, LB./FT. 24" 9.5"	DEPTH SET (MD) 447' 3800'	HOLE SIZE 12 1/4" 7 7/8"
CEMENTING RECORD 300 SX 600 SX		AMOUNT PULLED	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
SCREEN (MD)			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 7/8			
31. PERFORATION RECORD (Interval, size and number)			
3717-22, 30-55 (593 w/100 SX. BPC 3710)			
3642-74, 80-82, 86-90, 94-98 (543 w/150 SX BPC 3643)			
3568-3607 W/2.15 PF			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3717-55	6500 gal 28%		
3642-98	3000 gal 28%		
3568-3607	3000 gal 28%		
33. PRODUCTION			
DATE FIRST PRODUCTION 5-1-67		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow	
DATE OF TEST 5-3-67		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24	CHOKE SIZE 16/64	PROD'N. FOR TEST PERIOD 175	GAS—MCF. 152
WATER—BBL. 22 BBL	GAS—OIL RATIO 870		
FLOW. TUBING PRESS. 75	CASING PRESSURE 800	OIL GRAVITY-API (CORR.) 26°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented			
35. LIST OF ATTACHMENTS None			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED J. N. Lutherslund		TITLE AREA SUPERINTENDENT	
DATE 5-4-67			

SIGNED

TITLE

DATE

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

3-UGS-R03
1-NSW
1-W7
1-RRY

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
San And	3568	3607	Oil to Gas Prod. Zone	Gates	1788	
				Queen	2474	
				San And	2841	