

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See o. In-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

4197

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 Anadarko Petroleum Corporation																			
3. ADDRESS OF OPERATOR PO Box 37, Loco Hills, NM 88255																			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1560' FSL & 1235' FWL At top prod. interval reported below Same At total depth Same																			
14. PERMIT NO.				DATE ISSUED															
15. DATE SPUDDED 3-4-97		16. DATE T.D. REACHED 3-11-97		17. DATE COMPL. (Ready to prod.) 3-27-97		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3527' GR		19. ELEV. CASINGHEAD 3525'											
20. TOTAL DEPTH, MD & TVD 3155' KB		21. PLUG, BACK T.D., MD & TVD 3109' KB		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS 0 - 3155'		CABLE TOOLS --											
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2757' - 3022' San Andres								25. WAS DIRECTIONAL SURVEY MADE NO											
26. TYPE ELECTRIC AND OTHER LOGS RUN Density Compensated Neutron/GR, GR/CCL Log, Laterolog/MCFL Gamma Ray								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"		23#		360'		12 1/2"		240 sx Circ		--									
5 1/2"		15.5#		3154'		7 7/8"		960 sx Circ		--									
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"		2788'							
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
2757 2825 2907 2986				2771 2841 2916 2993 1/2" Dia. Hole				2786 2852 2941 3000				2801 2859 2946 3008				2823 2881 2968 3022 20 Holes			
												DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
												2757 - 3022				3500 Gals 15% HCL Acid.			
												2757 - 3022				Fraccd w/40,000 Gals 25 PPG			
																Delta Frac w/103 K# 16/30			
																Brady Sand @ 32 BPM.			
33.* PRODUCTION										34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)									
DATE FIRST PRODUCTION 3-27-97		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2" x 1 1/2" x 16" RWTC								WELL STATUS (Producing or shut-in) Producing									
DATE OF TEST 4-15-97		HOURS TESTED 24		CHOKE SIZE --		PROD'N. FOR TEST PERIOD --		OIL—BBL. 9		GAS—MCF. 2		WATER—BBL. 277		GAS-OIL RATIO 222					
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE --		OIL—BBL. --		GAS—MCF. --		WATER—BBL. --		OIL GRAVITY-API (CORR.) 37.2							
35. LIST OF ATTACHMENTS Laterolog/MCFL Gamma Ray, Density Neutron/GR, GR/CCL Log										36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records									
SIGNED Howard D. Zinke		TITLE Field Foreman								DATE 04-15-97									

* (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.)

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				38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Queen Grayburg San Andres	1908 2265 2664	2265 2664	Sandstone & dolomite Dolomite, Anhydrite & Shale Dolomite, Sandstone & Anhydrite	Top of Salt Base of Salt Yates 7 Rivers Queen Grayburg San Andres	330' 825' 1204' 1670' 1908' 2265' 2664'		