

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See 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. LC-058126			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A			
2. NAME OF OPERATOR Anadarko Petroleum Corporation				7. UNIT AGREEMENT NAME Ballard Grayburg SA Unit			
3. ADDRESS OF OPERATOR PO Box 37, Loco Hills, NM 88255				8. FARM OR LEASE NAME BGSA Unit Tract #6			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface UL I, 1400' FSL & 1250' FEL At top prod. interval reported below Same At total depth Same				9. WELL NO. 20			
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUDDED 1-27-97				16. DATE T.D. REACHED 2-3-97		17. DATE COMPL. (Ready to prod.) 3-25-97	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3604' GR				19. ELEV. CASINGHEAD 3602'			
20. TOTAL DEPTH, MD & TVD 3249' KB		21. PLUG, BACK T.D., MD & TVD 3123' KB		22. IF MULTIPLE COMPL., HOW MANY N/A		23. INTERVALS DRILLED BY 0-3249'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 2809' - 2980' San Andres (MD)				25. WAS DIRECTIONAL SURVEY MADE No			
26. TYPE ELECTRIC AND OTHER LOGS RUN Density Neutron Gamma Ray, Laterolog/MCFL Gamma Ray, CCL Log				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#	372' KB	12 1/4"	225 sx Circ		--	
5 1/2"	15.5#	3163' KB	7 7/8"	850 sx Circ		--	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2821'	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
2809	2892	2956	1 SPF	DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
2817	2919	2961	(1/2" Hole Diam)	2809 - 2980'		Acidized w/3500 Gals 15% HCL	
2829	2929	2967		2809 - 2980'		Fraced w/38,000 Gals 25 PPG	
2842	2943	2980	14 Holes			& 96,000# Brady Sand (16/30)	
2877	2950					Delta Frac	
33. PRODUCTION							
DATE FIRST PRODUCTION 3-25-97		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 4-3-97	HOURS TESTED 24	CHOKE SIZE --	PROD'N. FOR TEST PERIOD --	OIL—BBL. 9	GAS—MCF. 7	WATER—BBL. 7	GAS-OIL RATIO 777
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE --	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.) 37.2	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY Frank Waters / Anadarko	
35. LIST OF ATTACHMENTS Density Neutron Gamma Ray, Laterolog/MCFL Gamma Ray & CCL Log							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Howard H. Keith</u>				TITLE <u>Field Foreman</u>		DATE <u>04-07-97</u>	

*(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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Queen	1919'	2297'	Top of Salt	340'	
Grayburg	2297'	2652'	Base of Salt	825'	
San Andres	2652'	N/A	Yates	1206'	
			7 Rivers	1670'	
			Queen	1919'	
			Grayburg	2297'	
			San Andres	2652'	