

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLI

(See under 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 _____				7. UNIT AGREEMENT NAME _____					
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other Re-Entry				8. FARM OR LEASE NAME Federal KK					
2. NAME OF OPERATOR Anadarko Production Company				9. WELL NO. 4					
3. ADDRESS OF OPERATOR Box 67 Loco Hills, New Mexico 88255				10. FIELD AND POOL, OR WILDCAT Square Lake					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 660' FSL & 1980' FEL At top prod. interval reported below Sec. 3, T 17 S, R 30 E At total depth Eddy County, New Mexico				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 3-17-30					
14. PERMIT NO. _____ DATE 1-6-73 ARTESIA, OFFICE				12. COUNTY OR PARISH Eddy		13. STATE New Mexico			
15. DATE SPUDDED 11-17-72		16. DATE T.D. REACHED 12-3-72		17. DATE COMPL. (Ready to prod.) 1-29-73		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3725 GL		19. ELEV. CASINGHEAD 3724 GL	
20. TOTAL DEPTH, MD & TVD 3375		21. PLUG, BACK T.D., MD & TVD 3154		22. IF MULTIPLE COMPL., HOW MANY* _____		23. INTERVALS DRILLED BY _____		ROTARY TOOLS _____ CABLE TOOLS 0-3375	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Grayburg 2786-2988 San Andres 3126-36								25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Acoustic								27. WAS WELL CORED No	
28. CASING RECORD (Report all strings and intervals)									
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		AMOUNT PULLED	
10 3/4"		36		543		13 3/4"		250 LX	
5 1/2"		14		3154		7 7/8"		450 JX	
29. LINER RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)	
8 1/4"		2227		2347		75			
30. TUBING RECORD									
SIZE		DEPTH SET (MD)		PACKER SET (MD)					
2 3/8		3142		-					
31. PERFORATION RECORD (Interval, size and number)									
3126-36		.45 - 20		2842-48		.45 - 12			
2980-88		" 16		2792-96		" 8			
2914-18		" 8		2786-90		" 8			
2900-04		" 8							
2880-90		" 20							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED					
2786-2848				500 gal 15% Hcl acid, 25,000					
2880-2914				gal. gelled water, & 25,000#					
2980-2988				sand in each interval					
3126-3136									
33. PRODUCTION									
DATE FIRST PRODUCTION 2-1-73		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 2-10-73		HOURS TESTED 24		CHOKE SIZE _____		PROD'N. FOR TEST PERIOD 18		OIL—BBL. 12	
FLOW. TUBING PRESS. _____		CASING PRESSURE _____		CALCULATED 24-HOUR RATE _____		OIL—BBL. _____		GAS—MCF. 100(load)	
								WATER—BBL. 667	
								OIL GRAVITY-API (CORR.) 37	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Fuel								TEST WITNESSED BY _____	
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. R. Layton TITLE Area Supervisor DATE 2-13-73									

***(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 each 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
<u>Grayburg:</u>					
Loeo Hills	2786	2796	See Original Drilling Record	Top Salyt.	500
Metex	2842	2918		Base Salt	1290
Premier	2980	2988		Yates	1375
				Seven Rivers	1670
San Andres:				Queen	2290
				Grayburg	2710
Lovington	3126	3136		San Andres	3010