

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 Amoco Production Company						5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Apache 102	
3. ADDRESS OF OPERATOR 501 Airport Dr., Farmington, N.M. 87401						6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 790' FNL x 1055' FWL At top prod. interval reported below Same At total depth Same						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						8. FARM OR LEASE NAME Jicarilla Apache 102	
DATE ISSUED						9. WELL NO. 7E	
15. DATE SPUDED 8/17/80						10. FIELD AND POOL, OR WILDCAT BS Mesa Gallup	
16. DATE T.D. REACHED 8/31/80						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NW/4 NW/4, Section 3 T26N, R4W	
17. DATE COMPL. (Ready to prod.) 11/30/80 4-11-81						12. COUNTY OR PARISH Rio Arriba	
18. ELEVATIONS (DF, RSB, RT, GR, ETC.)* 10' GL						13. STATE NM	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 8407'		21. PLUG, BACK T.D., MD & TVD 8385'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY 0-TD		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7676'-7688' - BS Mesa Gallup		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN IL/DCL/SNP/GR	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9 5/8"		32.3#		322'		13 1/2"	
7		23.0#		4250'		8 3/4"	
4 1/2"		10.5#		8407'		6 1/4"	
CEMENTING RECORD		AMOUNT PULLED					
3 1/2 SX							
2 1/2 SX							
6 1/2 SX							
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"	
						8358'	
31. PERFORATION RECORD (Interval, size and number) 7676'-7688', with 4 spf, a total of 48, .38" holes.				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
7676'-7688'		34,000 gallons of frac fluid and 132,000# of 20-40 sand					
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-In	
DATE OF TEST 4/29/81		HOURS TESTED 3 hrs		CHOKE SIZE .75"		PROD'N. FOR TEST PERIOD	
FLOW, TUBING PRESS. 20 PSIG		CASING PRESSURE 360 PSIG		CALCULATED 24-HOUR RATE		OIL—BBL. 368	
						GAS—MCF. 16	
						WATER—BBL.	
						OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold						TEST WITNESSED BY ACCEPTED FOR RECORD	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.							
SIGNED _____		TITLE Dist. Asst. Engr.		DATE MAY 13 1981 MAY 8 1981		FARMINGTON DISTRICT	

*(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	TRUE VERT. DEPTH
Ojo Alamo	3609'	3773'	Estimated			
Kirtland	3773'	3778'	Estimated			
Fruitland	3878'	3929'	Estimated			
Pictured Cliffs	3929'	3990'	Estimated			
Mesaverde	4913'	6211'	Estimated			
Gallup	7311'	7714'	Estimated			
Graneros Dakota	8144'	8286'	Estimated			
Main Dakota	8286'	8396'	Estimated			