

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 _____						5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Apache 102											
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache											
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY						7. UNIT AGREEMENT NAME Jicarilla Apache 102											
3. ADDRESS OF OPERATOR 501 Airport Drive Farmington, NM 87401						8. FARM OR LEASE NAME Jicarilla Apache 102											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1070' FSL x 1150' FWL, Section 10, T-26-N, R-4-W At top prod. interval reported below Same At total depth Same						9. WELL NO. 31											
14. PERMIT NO. _____ DATE ISSUED _____						10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde											
15. DATE SPUDDED 10/11/78 16. DATE T.D. REACHED 10/19/78 17. DATE COMPL. (Ready to prod.) 3/2/79 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6839' GL, 6852' KB						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SW/4 SW/4 Section 10, T-26-N, R-4-W											
20. TOTAL DEPTH, MD & TVD 7397' 21. PLUG, BACK T.D., MD & TVD 6790' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS O-TD CABLE TOOLS _____						12. COUNTY OR PARISH Rio Arriba 13. STATE NM											
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5208'-5732', Mesaverde						19. ELEV. CASINGHEAD _____											
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma-Ray Bond, Induction Gamma-Ray, Compensated Densilog						25. WAS DIRECTIONAL SURVEY MADE NO											
27. WAS WELL CORED NO																	
23. CASING RECORD (Report all strings set in well)																	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED							
9-5/8"		32.3		294'		13-3/4"		270 SX									
8-3/4"		23		3800'		8-3/4"		600 SX									
6-1/4"		11.6		7397'		6-1/4"		840 SX									
29. LINER RECORD								30. TUBING RECORD Cmt. Retainer									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		AMOUNT PULLED			
										2-3/8"		5580'		6910'			
31. PERFORATION RECORD (Interval, size and number) 5208 -13', 5226-50', 5258-74', 5306-24' x 2 SPF of .4" diameter; total of 156 holes 5674-5704', 5720-32' x 2 SPF of .4" diameter; total of 84 holes								32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
								DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED							
								5208-5324		27,000 gal frac fluid, 128,000 pounds sand							
								5674-5732'		36,650 gal frac fluid, 69,300 pounds sand							
33.* PRODUCTION																	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in) SI									
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO			
3/9/79		3		.75"		→				108							
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)					
60 psig		434 psig		→				862									
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To Be Sold												TEST WITNESSED BY [Signature]					
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		E. E. SVOBODA				TITLE				Dist. Adm. Supervisor				DATE		3/19/79	

*(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
Pictured Cliffs	3600'	3800'		Pictured Cliffs	3600'	+3252'
Mesaverde	5204'	5824'		Mesaverde	5204'	1648
Gallup	6870'	7200'		Gallup	6870'	- 18