

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 Contract 155	
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, New Mexico 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 1160' FSL and 1540' FWL, Unit "N"						7. UNIT AGREEMENT NAME	
At top prod. interval reported below Same						8. FARM OR LEASE NAME Jicarilla Contract 155	
At total depth Same						9. WELL NO. 20	
14. PERMIT NO.						12. COUNTY OR PARISH Rio Arriba	
DATE ISSUED						13. STATE New Mexico	
15. DATE SPUDDED 9-20-69	16. DATE T.D. REACHED 10-4-69	17. DATE COMPL. (Ready to prod.) 11-13-69	18. ELEVATIONS (DF. RKP, RT. GR, ETC.)* GR 6434', RKB 6448'		19. ELEV. CASINGHEAD 6434'		
20. TOTAL DEPTH, MD & TVD 7327'	21. PLUG, BACK T.D., MD & TVD 7200'	22. IF MULTIPLE COMPL., HOW DRY	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0 - TD	CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4877-5128' Mesaverde - Point Lookout						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electrical & Gamma Ray Sonic						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"	24#	446'	12-1/4"	300 8x (Cire)			
4-1/2"	10.5#	7326'	7-7/8"	1950 8x w/DV @ 2926 & 5287			
				(1st 600 sx, 2nd 600 sx, 3rd 750 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"	6842'	6842'
31. PERFORATION RECORD (Interval, size and number) 4877-82, 4960-70, 4992-97, 5003-08, 5034-39, 5051-56, 5065-70, 5100-03, 5124-28 X 1 SPF Mesaverde				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)			
				AMOUNT AND KIND OF MATERIAL USED			
				Sand-water frac in two stages			
				1st Stage: 20,160 gal wtr & 10,000 lb 10-20 sand & 10,000 lb 8-12 sand.			
				2nd Stage: 20,160 gal wtr & 10,000 lb 10-20 sand & 10,000 lb 8-12 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 10-4-73	HOURS TESTED 3	CHOKE SIZE 0.750	PROD'N. FOR TEST PERIOD →	OIL—BBL. 0	GAS—MCF. 0	WATER—BBL. 0	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE 59	CALCULATED 24-HOUR RATE →	OIL—BBL. 0	GAS—BBL. 0	WATER—BBL. 0	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold						TEST WITNESSED BY T. M. Oliver	
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 SIGNED J. ARNOLD SNELL				Area Engineer TITLE		DATE October 30, 1973	

*(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 38, 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
Graneros Dakota	6930	7063	Natural Gas with some condensate and water.	Kirtland	2348	
Main Dakota	7063	7160	Natural Gas with some condensate and water.	Pictured Cliffs	2752	
Massaverde				Lewis Shale	2830	
Point Lookout	4896	5154	Natural Gas.	Cliffhouse	4417	
				Menassee	4482	
				Point Lookout	4896	
				Bancos Shale	5154	
				Gallup	6097	
				Greenhorn	6850	
				Graneros Shale	6909	
				Graneros Dakota	6930	
				Main Dakota	7063	