

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 Jicarilla Apache					
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				8. FARM OR LEASE NAME Jicarilla Contract 146					
2. NAME OF OPERATOR Amoco Production Company				9. WELL NO. 39					
3. ADDRESS OF OPERATOR 501 Airport Dr., Farmington, NM 87401				10. FIELD AND POOL, OR WILDCAT Gonzales Mesaverde					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1600' FSL x 1780' FEL At top prod. interval reported below Same At total depth Same				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NW/4, SE/4, Section 3, T25N, R5W					
14. PERMIT NO. _____ DATE ISSUED _____				12. COUNTY OR PARISH Rio Arriba		13. STATE New Mexico			
15. DATE SPUDDED 12-30-82		16. DATE T.D. REACHED 1-9-81		17. DATE COMPL. (Ready to prod.) 10-6-81		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6618' KB		19. ELEV. CASINGHEAD 6605' GL	
20. TOTAL DEPTH, MD & TVD 5407'		21. PLUG BACK T.D., MD & TVD 5253'		22. IF MULTIPLE COMPL., HOW MANY? 2		23. INTERVALS BY ROTARY TOOLS 0 - TD		25. WAS DIRECTIONAL SURVEY MADE NO	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5076 - 5228' - Mesaverde								27. WAS WELL CORED NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, GR, SP, Compensated Density Neutron Log									
28. CASING RECORD (Report all strings set in well) Casing Size Weight, lb./ft. Depth Set (MD) Hole Size Casing Record Amount Pulled 8-5/8" 24# 303' 12-1/4" 300 SX 5-1/2" 15.5# 5407' 7-7/8" 955 SX									
29. LINER RECORD Size Top (MD) Bottom (MD) Sacks Cement* Screen (MD) 2-1/16" 5214' 3950'					30. TUBING RECORD Size Depth Set (MD) Packer Set (MD) 2-1/16" 5214' 3950'				
31. PERFORATION RECORD (Interval, size and number) 5076-5086', 5106-5134', 5196-5200', 5211-5215', 5224-5228', with 2 SPF, a total of 100, .38" holes					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Depth Interval (MD) Amount and Kind of Material Used 5076-5228' 40,710 gallons of frac fluid and 49,710 pounds of 10-20 sand.				
33.* PRODUCTION Date First Production 5-30-82 Production Method (Flowing, gas lift, pumping—size and type of pump) Flowing Well Status (Producing or shut-in) Shut-In Date of Test 6-1-82 Hours Tested 3 Choke Size .75" Prod'n. for Test Period -- Gas—MCF. 171 Water—BBL. -- Gas-Oil Ratio -- Flow. Tubing Press. 102 psig Casing Pressure -- Calculated 24-Hour Rate -- Oil—BBL. 1368 Gas—MCF. -- Water—BBL. -- Oil Gravity-API (COR.) --								ACCEPTED FOR RECORD	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold to Northwest Pipeline								TEST WITNESSED BY JUL 22 1982	
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 B.T. Roberson TITLE Admin. Supvr. DATE 7-19-82									

*** (See Instructions and Spaces for Additional Data on Reverse Side)**

NMOCC

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 23. 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	2207	2433				
Kirtland	2433	2712				
Fruitland	2712	2895				
Pictured Cliffs	2895	2945				
Chacra	3770	3815				
Cliff House	4580	4630				
Menefee	4630	5100				
Point Lookout	5100	5228				