

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 146	
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 870' FNL x 840' FEL At top prod. interval reported below same At total depth same						7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME Jicarilla Contract 146	
14. PERMIT NO. _____ DATE ISSUED _____						9. WELL NO. 29	
15. DATE SPULDED 12/17/80						10. FIELD AND POOL, OR WILDCAT So. Blanco Pictured Cliffs	
16. DATE T.D. REACHED 12/23/80						11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA NE/4, NE/4, Section 9 T25N, R5W	
17. DATE COMPL. (Ready to prod.) 2/13/81						12. COUNTY OR PARISH Rio Arriba	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6743' GL						13. STATE N.M.	
20. TOTAL DEPTH, MD & TVD 4054'		21. PLUG, BACK T.D., MD & TVD 4013'		22. IF MULTIPLE COMPL., HOW MANY* 2		19. ELEV. CASINGHEAD	
23. INTERVALS DRILLED BY →						ROTARY TOOLS 0-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2980-3004 Pictured Cliffs						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL; GR; SP; Compensated Neutron Compensated Density; BHC Sonic; Mud Log						27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8-5/8"		24.0#		294'		12-1/4"	
5-1/2"		14.0#		4054'		7-7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
1-1/4"		3020		3200			
31. PERFORATION RECORD (Interval, size and number) 2980-3004 with 2 SPF a total of 48, .75" holes							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
2980-3004				60,000 gals. of foam & 105,000# 10-20 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 3/2/81		HOURS TESTED 3 hrs.		CHOKE SIZE .75"		PROD'N. FOR TEST PERIOD →	
FLOW. TUBING PRESS. 90		CASING PRESSURE 382		CALCULATED 24-HOUR RATE →		OIL—BBL. 153	
						GAS—MCF. 1223	
						WATER—BBL.	
						OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold						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							
SIGNED _____		TITLE Dist. Admin. Supr.		DATE 3/17/81		BY RB	

*(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 DOWN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2531	2617				
Kirtland	2617	2782				
Fruitland	2782	2975				
Pictured Cliffs	2975	3050				
Chacra	3858	3975				

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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						Jicarilla Contract 146	
3. ADDRESS OF OPERATOR						Jicarilla Apache	
501 Airport Drive, Farmington, New Mexico 87401						7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						S. FARM OR LEASE NAME	
At surface 870' FNL x 840' FEL						Jicarilla Contract 146	
At top prod. interval reported below Same						9. WELL NO.	
At total depth Same						29	
14. PERMIT NO.						10. FIELD AND POOL, OR WILDCAT	
DATE ISSUED						Otero Chacra	
12. COUNTY OR PARISH						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
Rio Arriba						NE/4, NE/4, Section 9	
13. STATE						T25N, R5W	
New Mexico						12. COUNTY OR PARISH	
15. DATE SPUDDED						13. STATE	
12/17/80						Rio Arriba	
16. DATE I.D. REACHED						14. PERMIT NO.	
12/28/80						DATE ISSUED	
17. DATE COMPL. (Ready to prod.)						15. DATE SPUDDED	
2/13/81						12/17/80	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)*						16. DATE I.D. REACHED	
6743' GL						12/28/80	
19. ELEV. CASINGHEAD						17. DATE COMPL. (Ready to prod.)	
20. TOTAL DEPTH, MD & TVD						2/13/81	
4054'						18. ELEVATIONS (DF, REB, RT, GR, ETC.)*	
21. PLUG BACK T.D., MD & TVD						19. ELEV. CASINGHEAD	
4013'						6743' GL	
22. IF MULTIPLE COMPL., HOW MANY*						20. TOTAL DEPTH, MD & TVD	
2						4054'	
23. INTERVALS DRILLED BY						21. PLUG BACK T.D., MD & TVD	
ROTARY TOOLS						4013'	
CABLE TOOLS						22. IF MULTIPLE COMPL., HOW MANY*	
0-TD						2	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*						23. INTERVALS DRILLED BY	
3860-3892 Chacra						ROTARY TOOLS	
25. WAS DIRECTIONAL SURVEY MADE						CABLE TOOLS	
No						0-TD	
26. TYPE ELECTRIC AND OTHER LOGS RUN						24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*	
DIL; GR; SP; Comp. Neutron; Comp. Density; BHC Sonic; Mud logs						3860-3892 Chacra	
27. WAS WELL CORED						25. WAS DIRECTIONAL SURVEY MADE	
Yes						No	
28. CASING RECORD (Report all strings set in well)						26. TYPE ELECTRIC AND OTHER LOGS RUN	
DIL; GR; SP; Comp. Neutron; Comp. Density; BHC Sonic; Mud logs						DIL; GR; SP; Comp. Neutron; Comp. Density; BHC Sonic; Mud logs	
29. LINER RECORD						27. WAS WELL CORED	
30. TUBING RECORD						Yes	
31. PERFORATION RECORD (Interval, size and number)						No	
3860-3892 with 2 SPF, a total of 64, .75" holes						28. CASING RECORD (Report all strings set in well)	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						DIL; GR; SP; Comp. Neutron; Comp. Density; BHC Sonic; Mud logs	
DEPTH INTERVAL (MD)						29. LINER RECORD	
3860-3892						30. TUBING RECORD	
AMOUNT AND KIND OF MATERIAL USED						31. PERFORATION RECORD (Interval, size and number)	
69,000 gals. of foam & 221,100# 20-40 sand						3860-3892 with 2 SPF, a total of 64, .75" holes	
33. PRODUCTION						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DATE FIRST PRODUCTION						DEPTH INTERVAL (MD)	
PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)						3860-3892	
flowing						AMOUNT AND KIND OF MATERIAL USED	
WELL STATUS (Producing or shut-in)						69,000 gals. of foam & 221,100# 20-40 sand	
shut-in						33. PRODUCTION	
DATE OF TEST						DATE FIRST PRODUCTION	
HOURS TESTED						PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	
CHOKE SIZE						flowing	
PROD'N. FOR TEST PERIOD						WELL STATUS (Producing or shut-in)	
OIL--BBL.						shut-in	
GAS--MCF.						DATE OF TEST	
WATER--BBL.						HOURS TESTED	
GAS-OIL RATIO						CHOKE SIZE	
3-9-81						3 hrs.	
FLOW. TUBING PRESS.						.75"	
CASING PRESSURE						PROD'N. FOR TEST PERIOD	
CALCULATED 24-HOUR RATE						OIL--BBL.	
95						GAS--MCF.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						WATER--BBL.	
To be sold						OIL GRAVITY-API (CORR.)	
TEST WITNESSED BY						3-9-81	
ACCEPTED FOR RECORD						95	
35. LIST OF ATTACHMENTS						1284	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.						34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
SIGNED						To be sold	
TITLE						TEST WITNESSED BY	
District Administ. Supr.						ACCEPTED FOR RECORD	
DATE						35. LIST OF ATTACHMENTS	
3-17-81						36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.	
BY						SIGNED	
RB						TITLE	
FARMINGTON DISTRICT						District Administ. Supr.	
* (See Instructions and Spaces for Additional Data on Reverse Side)						DATE	
MAR 20 1981						3-17-81	
FARMINGTON DISTRICT						BY	
RB						RB	

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

NMGCC

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Item 29: Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Each additional interval to be separately produced, showing the additional cementing operations, should be shown on a separate record.

Item 27: *Success Outcome* : Attached Supplemental Record for this web site should show the details of any multiple usage scenarios and the location of the

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