

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 Contract 155	
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	
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, NM 87401		8. FARM OR LEASE NAME Jicarilla Contract 155	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface 1560' FSL x 790' FWL At top prod. interval reported below Same At total depth Same		9. WELL NO. 13E	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Otero Chacra	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NW/4, SW/4, Section 30 T26N, R5W	
15. DATE SPURRED 8-12-80		12. COUNTY OR PARISH Rio Arriba	
16. DATE T.D. REACHED 8-28-80		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 1-8-81		18. ELEVATIONS (DF, REB, RT, OR, ETC.)* 6619' GL	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 7456'	
21. PLUG, BACK T.D., MD & TVD 7411'		22. IF MULTIPLE COMPL., HOW MANY* 2	
23. INTERVALS DRILLED BY 0-TD		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3827-3858, 3924-3939 - Chacra	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN DIL; GR; SP; Compensated Neutron; Compensated Density	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.	
9 5/8"		32.3#	
7"		23.0#	
Depth Set (MD)		Hole Size	
312'		12 1/4"	
7464'		8 3/4"	
Cementing Record		Amount Pulled	
240 SX		1180 SX	
MAR 18 1981		OIL COM. COM.	
DIST. COM.			
29. LINER RECORD		30. TUBING RECORD	
Size		Top (MD)	
Bottom (MD)		Sacks Cement*	
Screen (MD)		Size	
2 1/16"		Depth Set (MD)	
3933'		Packer Set (MD)	
7136'			
31. PERFORATION RECORD (Interval, size and number) 3827-3858, 3924-3939, with 2 spf, a total of 92, .38" holes.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Perforation Interval (MD) 3827-3939 Amount and Kind of Material Used 90,000 gallons of frac fluid & 542,700# 10-20 sand.	
33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold.	
Date First Production		Production Method (Flowing, gas lift, pumping—size and type of pump) Flowing	
Well Status (Producing or shut-in) Shut-In		35. LIST OF ATTACHMENTS	
Date of Test		Hours Tested	
2-16-81		3 Hrs.	
Choke Size		Prod'n. for Test Period	
.75"		Oil—BBL.	
GAS—MCF.		192	
Flow. Tubing Press.		Casing Pressure	
116		340	
Calculated 24-Hour Rate		Oil—BBL.	
1539		GAS—MCF.	
Water—BBL.		Oil Gravity-API (CORR.)	
1		1981	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		37. TEST WITNESSED BY RAB	
SIGNED By		TITLE Dist. Admin. Supvr.	
DATE 3-6-81		FARMINGTON DISTRICT	

*(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 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 FORMER 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 Cliff	2954	3006				
Chacra	3826	3940				
Cliffhouse	4614	4650				
Menefee	4650	5108				
Point Lookout	5108	5338				
Dakota	7164	7368				
Ojo Alamo	2310	2520				
Kirtland	2520	2760				
Fruitland	2760	2915				

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2. NAME OF OPERATOR Amoco Production Company		7. UNIT AGREEMENT NAME	
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4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1560' FSL x 790' FWL At top prod. interval reported below Same At total depth Same		9. WELL NO. 13E	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NW/4, SW/4, Section 30, T26N, R5W	
15. DATE SPUDDED 8-12-80		12. COUNTY OR PARISH Rio Arriba	
16. DATE T.D. REACHED 8-28-80		13. STATE NM	
17. DATE COMPL. (Ready to prod) 1-8-81		19. ELEV. CASINGHEAD	
18. ELEVATIONS (DF, RESB, RT, GR, ETC.)* 6619' GL		20. TOTAL DEPTH, MD & TVD 7456'	
21. PLUG, BACK T.D., MD & TVD 7411'		22. IF MULTIPLE COMPL., HOW MANY* 2	
23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0-TD		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7166-7183, 7300-7320, 7338-7342, 7347-7366 - Dakota	
25. TYPE ELECTRIC AND OTHER LOGS RUN DIL; GR; SP; Compensated Neutron; Compensated Density		26. WAS WELL CORED No	
27. CASING RECORD (Report all strings set in well)		28. LINER RECORD	
CASING SIZE 9 5/8" 7"		WEIGHT, LB./FT. 32.3# 23.0#	
DEPTH SET (MD) 312' 7464'		HOLE SIZE 12 1/4" 8 3/4"	
CEMENTING RECORD 240 SX 1180 SX		AMOUNT PULLED	
29. SIZE 2 3/8"		30. SIZE 2 3/8"	
TOP (MD) 7375'		BOTTOM (MD) 7136'	
SACKS CEMENT* 7375'		SCREEN (MD) 7136'	
31. PERFORATION RECORD (Interval, size and number) 7166-7183, 7300-7320, 7338-7342, 7347-7366 a total of 120, .38" holes.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 7166-7366 AMOUNT AND KIND OF MATERIAL USED 103,705 gal of frac fluid & 233,000# 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 2-16-81		HOURS TESTED 3 Hrs.	
CHOKE SIZE .75"		PROD'N. FOR TEST PERIOD OIL—BBL. 46	
FLOW, TUBING PRESS. 20		CASING PRESSURE CALCULATED 24-HOUR RATE 368	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To Be Sold.		TEST WITNESSED BY FARMINGTON DISTRICT DATE 3-6-81	
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. Supvr.	
DATE		DATE	

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