

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions 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						5. LEASE DESIGNATION AND SERIAL NO.									
Amoco Production Company						Jicarilla Contract 155									
3. ADDRESS OF OPERATOR						6. IF INDIAN, ALLOTTEE OR TRIBE NAME									
501 Airport Drive, Farmington, NM 87401						Jicarilla Apache									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						7. UNIT AGREEMENT NAME									
At surface 1685' FSL x 1570' FEL						S. FARM OR LEASE NAME									
At top prod. interval reported below Same						Jicarilla Contract 155									
At total depth Same						9. WELL NO.									
14. PERMIT NO.						27									
DATE ISSUED						10. FIELD AND POOL, OR WILDCAT									
15. DATE SPUNDED						Otero Chacra									
16. DATE T.D. REACHED						11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA									
17. DATE COMPL. (Ready to prod.)						NW/4, SE/4, Section 33, T26N, R5W									
18. ELEVATIONS (DF, RSB, RT, GR, ETC.)*						12. COUNTY OR PARISH									
6513' GL						Rio Arriba									
19. ELEV. CASINGHEAD						13. STATE									
20. TOTAL DEPTH, MD & TVD						NM									
21. PLUG, BACK T.D., MD & TVD						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*									
5300'						3675-3698 and 3776-3791 - Otero Chacra									
22. IF MULTIPLE COMPL., HOW MANY*						25. WAS DIRECTIONAL SURVEY MADE									
2						No									
23. INTERVALS DRILLED BY						26. TYPE ELECTRIC AND OTHER LOGS RUN									
0-TD						GR; SP; IFL; Compensated Neutron; Compensated Density									
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#		295'		12 1/4"		315 SX							
5 1/2"		14#		5300'		7 7/8"		1085 SX							
29. LINER RECORD								30. TUBING RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										1 1/4"		3807'			
31. PERFORATION RECORD (Interval, size and number)								32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
3675-3698 and 3776-3791, with 2 spf, a total of 76, .38" holes.								DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
								3675-3791				80,000 gallons of foam and 130,500 pounds of 10-20 sand.			
33.* PRODUCTION															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)							
		Flowing						Shut-In							
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
5-29-81		3 Hrs.		.75"						126					
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
72 psig		772 psig						1005							
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY					
To be sold.															
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		Signed By		TITLE		Dist. Admin. Subvr.		DATE		JUL 6 1981					
										JUL 09 1981					

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

NMOCC

BY Dean Elliott
FARMINGTON DISTRICT

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	NAME	MEAS. DEPTH	TRUE VEET. DEPTH
Ojo Alamo	2195	2380			
Kirtland	2380	2640			
Fruitland	2640	2780			
Pictured Cliffs	2780	2840			
Chacra	3674	3800			
Cliffhouse	4450	4510			
Menefee	4510	5000			
Point Lookout	5000	5182			

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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							
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, NM 87401							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface 1685' FSL x 1570' FEL At top prod. interval reported below Same At total depth Same							
14. PERMIT NO.				DATE ISSUED			
15. DATE SPURRED				16. DATE T.D. REACHED			
1-2-81				1-11-81			
17. DATE COMPL. (Ready to prod.)				18. ELEVATIONS (DF, RES, RT, GR, ETC.)*			
3-23-81				6513' GL			
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
5300'		5249'		2		0-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5024-5028, 5079-5082, 5096-5100, 5106-5110, 5124-5128, and 5163-5167 - Gonzales Mesaverde							25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN GR; SP; IEL; Compensated Neutron; Compensated Density							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#	295'	12 1/4"	315 SX			
5 1/2"	14#	5300'	7 7/8"	1085 SX			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 1/16"	5184'	
31. PERFORATION RECORD (Interval, size and number) 5024-5028, 5079-5082, 5096-5100, 5106-5110, 5124-5128, and 5163-5167, with 2 spf, a total of 46, .38" holes.				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				5024-5167		48,000 gallons of frac fluid and 69,000 pounds of 10-20 sand.	
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-4-81	3 Hrs.	.75"			251		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
154 psig	---			2006			
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			DATE		
J. D. MOCC		Dist. Admin. Supvr.			JUL 6 1981		

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FARMINGTON DIST. OFF.
Dean Elliott

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