

**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 LOG***

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other ☐	5. LEASE DESIGNATION AND SERIAL NO.	
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
Amoco Production Company						7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR						8. FARM OR LEASE NAME	
501 Airport Drive, Farmington, NM 87401						Rosa Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						9. WELL NO.	
At surface 1660' FNL x 700' FEL, Section 28, T31N, R4W						86	
At top prod. interval reported below Same						10. FIELD AND POOL, OR WILDCAT	
At total depth Same						Wildcat Gallup	
14. PERMIT NO.						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
DATE ISSUED						SE/4, NE/4, Section 28, T31N, R4W	
15. DATE SPUDDED						12. COUNTY OR PARISH	
9-10-81						Rio Arriba	
16. DATE T.D. REACHED						13. STATE	
10-28-81						New Mexico	
17. DATE COMPL. (Ready to prod.)						19. ELEV. CASINGHEAD	
2-23-82						6938' KB	
18. ELEVATIONS (DF, RSB, ST, GS, ETC.)*						6925' GL	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
8775'		8729'		2		0-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*							25. WAS DIRECTIONAL SURVEY MADE
7509'-7826'; Gallup							No
26. TYPE ELECTRIC AND OTHER LOGS RUN							27. WAS WELL CORED
Dual Induction - GR-SP; Compensated Neutron-Comp-FM Density							No
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		MOUNT PULLED	
13-3/8"	48#	295'	17-1/2"	530 SX	Refer to	Attached	
9-5/8"	40# 36# 32.3#	4200'	12-1/4"	1575 SX	spud sundry	--	
5-1/2"	17#	8775'	7-7/8"	980 SX	dated 11/17/81	--	
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"	7843'	7930'
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
7509'-7520', 7546'-7590', 7620'-7647', 7730'-7760', 7815'-7826', with 4 SPF, a total of 492 .38" holes.				DEPTH INTERVAL (MD)			
				7509'-7826'			
				AMOUNT AND KIND OF MATERIAL USED			
				132,000 gallons of frac fluid and 331,000 pounds of 20-40 sand.			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or Shut-in)	
3-31-82		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-31-82	3	.75"	→	--	192	--	NA
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
120 psig	1190 psig	→	--	1534	--	NA	
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 <u>D.D. ELLIST</u>				TITLE <u>Dist. Admin. Supvr.</u>		DATE <u>MAY 19 1982-82</u>	

ACCEPTED FOR RECORD

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

FARMINGTON DISTRICT

** Date will be reported when well is first delivered.

BY MMOCC Ellist

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 32.

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: "Stacks 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 completed 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3170'	3325'				
Kirtland	3325'	3348'				
Pruittland	3348'	3772'				
Pictured Cliffs	3772'	4050'				
Chama	4885'	5140'				
Cliffhouse	5752'	6066'				
Menefee	6066'	6204'				
Point Lookout	6204'	6378'				
Gallup	7504'	7900'				
Dakota	8450'	8772'				