

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.

5. LEASE DESIGNATION AND SERIAL NO.

SF-078773

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Rosa Unit

8. FARM OR LEASE NAME

9. WELL NO.

55

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

**NE/4 SE/4 Section 34,
T-31-N, R-5-W**

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

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

3. ADDRESS OF OPERATOR

301 Airport Drive, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface **1510' FSL & 1170' FEL**

At top prod. interval reported below

At total depth **Same**

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED **7-28-74** 16. DATE T.D. REACHED **8-21-74** 17. DATE COMPL. (Ready to prod.) **10-25-74** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **6576' GL** 19. ELEV. CASINGHEAD **6576'**

20. TOTAL DEPTH, MD & TVD **8282'** 21. PLUG BACK T.D., MD & TVD **8237'** 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY **0-TD** ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* **8060-70', 8106-13', 8124-34', 8143-63', 8180-86' Dakota** 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN **Induction Electric, Gamma Ray and Formation 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
10-3/4"	45.5#	306'	15"	300 sx	
7-5/8"	26.4#	3838'	9-7/8"	800 sx	
4-1/2"	11.6#	8282'	6-3/4"	775 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7990'	7990'

31. PERFORATION RECORD (Interval, size and number)
8106-8113', 8124-8134', 8143-8163' and 8180-8186' w/2 SPF
8060-8073' w/4 SPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8180-8186'	500 gal. 15% HCl
8143-8163'	500 gal. 15% HCl
8124-8134'	500 gal. 15% HCl
8106-8113'	500 gal. 15% HCl (over)

33.* PRODUCTION
DATE FIRST PRODUCTION **9-12-74** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **CON. 3** WELL STATUS (Producing or shut-in) **Shut In**

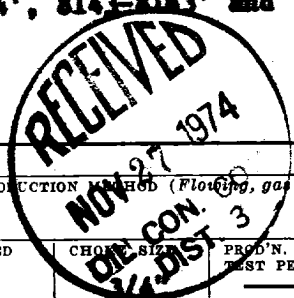
DATE OF TEST	HOURS TESTED	CHO. SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-25-74	24	3/4"	3	0	264	5	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
265	425	0	0	264	5		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **To be sold to Northwest Pipeline Corporation not contracted yet** TEST WITNESSED BY **NOV 26 1974**

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 **[Signature]** TITLE **Area Adm. Supvr.** DATE **November 22, 1974**

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



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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 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.)

Fractured 8106-8186' with 10,000 lbs. 40-60 sand and 50,200 lbs. 20-40 sand and 37,500 gals. My-T-Frac fluid. 8060-8073' and with 500 gals. 15% HCl and fraced with 10,000 lbs. 40-60 sand and 50,200 lbs. 20-40 sand and My-T-Frac.

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.
Dakota	8056	8200	Natural gas bearing.
Graneros	7948	8056	
Greenhorn	7870	7948	
Callup	7293	7443	
Mameos	5950	7293	
Point Lookout	5810	5950	
Mameos	5658	5810	
Cliffhouse	5185	5658	
Lewis	3469	4666	
Pictured Cliffs	3406	3466	
Fruitland	3174	3400	
Kirtland	2986	3060	
Ojo Alamo	2748	2986	
			NAME
			MEAS. DEPTH
			TRUE VERT. DEPTH