

**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.

NM-0498

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

John Schumacher

9. WELL NO.

1E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

NW/NW, Section 8, T30N, R12W

12. COUNTY OR PARISH

San Juan

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
501 Airport Drive, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **790' FNL x 1570' FWL**
At top prod. interval reported below **Same**
At total depth **Same**

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUNDED **5-15-83** 16. DATE T.D. REACHED **5-28-83** 17. DATE COMPL. (Ready to prod.) **6-10-83** 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* **5887' KB** 19. ELEV. CASINGHEAD **5874' GL**

20. TOTAL DEPTH, MD & TVD **6817'** 21. PLUG, BACK T.D., MD & TVD **6574'** 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)*
6585'-6737' Dakota 25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
SP-GR-DIL, FDC, CNL 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# J-55	333'	12-1/4"	360 cu.ft. Class B w/2% CaCl ₂ . Stage 1)	501
4-1/2"	10.5# J-55	6817'	7-7/8"	cu.ft. Class B 50:50 POZ. Stage 2)	2807
				Class B 65:35 POZ. Tailed in w/118 cu.ft.	
				Class B neat and circulated to surface.	(Both STAGES)

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"	6521'	

31. PERFORATION RECORD (Interval, size and number)

6585'-6594', 6628'-6634', 6639'-6664', 6667'-6670', 6711'-6737' for a total of 142 holes .38" in diameter.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6711'-6737'	40,404 gals 30# gelled water and 54,000# 20-40 mesh sand.
6585'-6670'	68,000 gals 30# gelled water and 74,000 20-40 mesh sand.

33.* PRODUCTION

DATE FIRST PRODUCTION **6-21-83** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing** WELL STATUS (Producing or shut-in) **SI**

DATE OF TEST **6-22-83** HOURS TESTED **3** CHOKE SIZE **.75** PROD'N. FOR TEST PERIOD **→** OIL—BBL. _____ GAS—MCF. **229** WATER—BBL. _____ GAS-OIL RATIO _____

FLOW. TUBING PRESS. **145 psi** CASING PRESSURE **642 psi** CALCULATED 24-HOUR RATE **→** OIL—BBL. _____ GAS—MCF. **1830** WATER—BBL. _____ OIL GRAVITY-API (CORE.) _____

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **To be sold.** TEST WITNESSED BY **ACCEPTED FOR**

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.
SIGNED _____ TITLE **Dist. Admin. Supvr.** DATE **7/28/83**

*(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 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: "Sack's 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 VERT. DEPTH
Ojo Alamo	530'	586'			
Pictured Cliffs	2043'	2147'			
Mesaverde	3642'	4506'			
Gallup	5708'	6267'			
Dakota	6583'	TD			