## UNITED STATES

FOR APPROVED OMB NO. 1004-0137

Form 3160-4 Expires: December 31,1991 DEPARTMENT OF THE INTERIOR (October 1990) 5. LEASE DESIGNATION AND SERIAL NO. **BUREAU OF LAND MANAGEMENT** SF-078417A 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG\* 1a. TYPE OF WELL: X U OTHER 7. UNIT AGREEMENT NAME b. TYPE OF COMPLETION: SAN JUAN 28-7 UT WORK DEEP-DIFF. RESVR. X OTHER (/ 8. FARM OR LEASE NAME, WELL NO. 2. NAME OF OPERATOR SAN JUAN 28-7 UT #220M AMOCO PRODUCTION COMPANY **WAYNE BRANAM, RM 1220** 9. API WELL NO. 3. ADDRESS AND TELEPHONE NO. 3003925398 (303) 830-4912 P.O. Box 800, Denver, Colorado 80201 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\* **BASIN DAKOTA** UNITE FWI At surface 1490 **FNL** 1800 11. SEC., T., R., M., OR BLOCK, AND SURVEY OR AREA At top prod. interval reported below ביייייי שון Section 22 Township 28N At total depth Range 7W 12. COUNTY OR PARISH 14. PERMIT NO. DATE ISSUED 13. STATE **RIO ARRIBA NEW MEXICO** 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 19. ELEV. CASINGHEAD 15. DATE SPUDDED 08/19/94 05/22/94 06/02/94 6807' GR 20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS YES NO 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 25. WAS DIRECTIONAL SURVEY MADE 7932 - 7944 DAKOTA 7742-7922 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED DIL, CAL, GR, FDC, CNL, CBL N CASING RECORD (Report all strings talls well) D)[14]/ 28. CASING SIZE/GRADE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENTING RECORD AMOUNT PULLED 11.75 J55 47 430 14.75 2205X CL B 24/32 3833 10.625 980SX CL B J55 8.625 8020 7.875 665SX 50/50 200SX CL B **TOC 2900** 5.5 N80 17 29. LINER RECORD 30 **TUBING RECORD** SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 2 1/16 7927 6150 31. PERFORATION RECORD (Interval, size and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 32. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 7745,7768,7962,7872,7889,7904,7915,7926,7936,7941 W/ 16GR 7742 7922 220600 LB 20/40 SD; 2,728,651 SCF N2 7742-48,7763-75,7860-76,7888-91, CHARGE .38" HOLE 1 JSPF 7901-07,7912-18,7922, 7932-44 W/ 19 GR CHARGE .43" HOLE 2 FOAM; MAX PSI 4243; MAX RATE 4.2 BPM **JSPF** 7944 7932 5818 LB 20/40 SD; 133,019 SCF N2 FOAM MAX PSI 5092; MAX RATE 4.2 BPM 33 • PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) WELL STATUS (Producing or **FLOWING** 09 14 1994 SHUT IN HOURS TESTED CHOKE SIZE PROD'N FOR TEST PERIOD OIL - BBL GAS - MCF. WATER - BBL. GAS-OIL RATIO DATE OF TEST SEPERATOR 1350 15 09 14 1994 24 2 CALCULATED 24-HOUR RATE OII - BRI GAS - MCF. WATER - BBI. OIL GRAVITY - API (CORR.) FLOW TUBING PRESS CASING PRESSURE N/A TEST WITNESSED BY 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) 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 IED FOR RECORD 09-28-1994 **BUSINESS ANALYST** TITLE DATE SIGNED

\*(See Instructions and Spaces for Additional Data on Reverse Side) Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false. fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FARMINGTON DISTRICT OFFICE

| ng depth interval tested, c San Juan 28-7 | 1, cushion used, tin<br>-7 #220M | ne tool open, flowing and s | moluding depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):  San Juan 28-7 #220M | 38. GEO        | GEOLOGIC MARKERS |                     |
|---|----------------------------------|-----------------------------|--|----------------|------------------|---------------------|
| FORMATION                                 | ТОР                              | BOTTOM                      | DESCRIPTION, CONTENTS, ETC.  |                | TOP              | ğ                   |
|   |                                  |                             |  | NAME           | MEAS. DEPTH      | TRUE<br>VERT. DEPTH |
|   |                                  |                             |  | Ojo A          | 2650             |                     |
|   |                                  |                             |  | Kirtland       | 2748             | -                   |
|   |                                  |                             |  | Fruitland      | 3190             | ,                   |
|   |                                  |                             |  | Pictured Cliff | 3480             |                     |
|   |                                  |                             |  | Lewis          | 3545             |                     |
|   |                                  |                             |  | Cliffhouse     | 5112             |                     |
|   |                                  | #<br>#                      |  | Menefee        | 5268             |                     |
|   |                                  |                             |  | Point Lookout  | 5667             |                     |
|   |                                  |                             |  | Mancos         | 6088             |                     |
|   |                                  |                             |  | Gallup         | 6676             |                     |
|   |                                  |                             |  | Greenhorn      | 7636             |                     |
|   |                                  |                             |  | Graneros       | 7710             |                     |
|   | ;<br>;                           |                             |  | Dakota         | 7735             | <u>:</u>            |
| 1944                                      |                                  |                             |  |                |                  |                     |
| **************************************    |                                  |                             |  |                |                  |                     |
|   |                                  |                             |  |                |                  |                     |