

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: November 30, 2000

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMSF079289

|  |  |  |  |
|--|--|--|--|
| 1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other  |  | 6. If Indian, Allottee or Tribe Name   |  |
| b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.<br>Other _____  |  | 7. Unit or CA Agreement Name and No.   |  |
| 2. Name of Operator<br>CONOCO INC  |  | 8. Lease Name and Well No.<br>SAN JUAN 28-7 218M                                     |  |
| 3. Address PO BOX 2197, DU 3084<br>HOUSTON, TX 77252-2197  |  | 9. API Well No.<br>30-039-27012-00-C1  |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)<br>At surface Sec 12 T28N R7W Mer NMP<br>NWSE 1715FSL 2205FEL<br>At top prod interval reported below<br>At total depth   |  | 10. Field and Pool, or Exploratory<br>BLANCO MV / BASIN DAKOTA                       |  |
| 14. Date Spudded<br>10/27/2002   |  | 15. Date T.D. Reached<br>11/06/2002  |  |
| 16. Date Completed<br>12/13/2002   |  | 17. Elevations (DF, KB, RT, GL)*<br>6780 GL  |  |
| 18. Total Depth: MD 8033<br>TVD  |  | 19. Plug Back T.D.: MD 8027<br>TVD   |  |
| 20. Depth Bridge Plug Set: MD<br>TVD   |  | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>PROLOG GR OTH |  |
| 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) |  |  |  |

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 12.250    | 9.625 J-55 | 36.0        | 0        | 237         |                      | 135                         |                   | 0           |               |
| 8.750     | 7.000 J-55 | 20.0        | 0        | 3743        |                      | 422                         |                   | 0           |               |
| 6.250     | 4.500 J-55 | 11.0        | 0        | 8027        |                      | 480                         |                   | 1700        |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |

24. Tubing Record

| Size  | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.375 | 7820           |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation | Top  | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-----------|------|--------|---------------------|------|-----------|--------------|
| A) DAKOTA | 7814 | 7988   | 7814 TO 7988        |      | 63        | OPEN         |
| B)        |      |        |                     |      |           |              |
| C)        |      |        |                     |      |           |              |
| D)        |      |        |                     |      |           |              |

26. Perforation Record

| Depth Interval | Amount and Type of Material                       |
|----------------|---|
| 7814 TO 7988   | FRAC W/SLICKWATER, 50,000# 20/40 SAND & 2294 BBLs |
|                |   |
|                |   |
|                |   |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 12/20/2002          | 12/09/2002           | 24           | →               | 1.0     | 2244.0  | 5.0       |                       |             | FLows FROM WELL   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
| 1/2                 | 340                  | 700.0        | →               |         |         |           |                       | PGW         |                   |

28a. Production - Interval B

| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                      |              | →               |         |         |           |                       |             |                   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #17298 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

NMOC

ACCEPTED FOR RECORD

JAN 08 2003

FARMINGTON FIELD OFFICE

## 28b. Production - Interval C

|                     |                            |              |                      |         |         |           |                          |             |                   |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio            | Well Status |                   |

## 28c. Production - Interval D

|                     |                            |              |                      |         |         |           |                          |             |                   |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio            | Well Status |                   |

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
FLARED

## 30. Summary of Porous Zones (Include Aquifers):

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.

## 31. Formation (Log) Markers

| Formation  | Top  | Bottom | Descriptions, Contents, etc. | Name            | Top         |
|------------|------|--------|------------------------------|-----------------|-------------|
|            |      |        |                              |                 | Meas. Depth |
| SAN JOSE   | 0    | 1412   |                              | NACIMIENTO      | 1788        |
| NACIMIENTO | 1412 | 2685   |                              | OJO ALAMO       | 2739        |
| OJO ALAMO  | 2685 | 2847   |                              | KIRTLAND        | 2832        |
|            |      |        |                              | FRUITLAND       | 3279        |
|            |      |        |                              | PICTURED CLIFFS | 3570        |
|            |      |        |                              | CHACRA          | 4524        |
|            |      |        |                              | CLIFF HOUSE     | 5214        |
|            |      |        |                              | MENEFEE         | 5397        |
|            |      |        |                              | POINT LOOKOUT   | 5755        |
|            |      |        |                              | GALLUP          | 7015        |
|            |      |        |                              | GREENHORN       | 7700        |
|            |      |        |                              | DAKOTA          | 7764        |

## 32. Additional remarks (include plugging procedure):

This well is a downhole commingled well in the Basin Dakota and Blanco Mesaverde. Attached are the daily summaries.

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7 Other:      |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #17298 Verified by the BLM Well Information System.

For CONOCO INC, sent to the Farmington

Committed to AFMSS for processing by Adrienne Garcia on 01/08/2003 (03AXG0524SE)

Name (please print) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 01/06/2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

## Daily Summary

|                                  |                         |                               |  |  |               |                          |               |
|----------------------------------|-------------------------|-------------------------------|--|--|---------------|--------------------------|---------------|
| API/UWI<br>300392701200          | County<br>RIO ARRIBA    | State/Province<br>NEW MEXICO  | Surface Legal Location<br>NMPM-28N-7W-12-J | N/S Dist. (ft)<br>1715.0               | N/S Ref.<br>S | E/W Dist. (ft)<br>2205.0 | E/W Ref.<br>E |
| Ground Elevation (ft)<br>6780.00 | Spud Date<br>10/27/2002 | Rig Release Date<br>11/8/2002 | Latitude (DMS)<br>36° 40' 23.4696" N       | Longitude (DMS)<br>107° 31' 22.0008" W |               |                          |               |

| Start Date       | Ops This Rpt   |
|------------------|--|
| 11/14/2002 00:00 | HELD SAFETY MEETING. RU SCHLUMBERGER PRESSURED UP CSG TO 2000 #. RAN CBL LOG FROM 8006' TO 1500'. TOP OF CEMENT @ 1700'. RAN TDT LOG FROM 8006' TO 2300'. RAN GR/CCL LOG FROM 8006' TO SURFACE. PRESSURED TESTED 4 1/2" CSG TO 4300 #. HELD OK. RD SCHLUMBERGER. (SSM)   |
| 11/25/2002 00:00 | HELD SAFETY MEETING. RU BLUE JET. PERFORATED THE DAKOTA. RIH W/ 3 1/8" 120 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 7814' - 7836' W/ 1 SPF, 7912' - 7926' W/ 1 SPF, 7948' - 7960' W/ 1 SPF, 7982' - 7988' W/ 2 SPF. A TOTAL OF 63 HOLES. SWION. RD BLUE JET. (SSM)   |
| 11/26/2002 00:00 | HELD SAFETY MEETING. RU HALLIBURTON. FRAC'D THE DAKOTA. TESTED LINES TO 5000 #. SET POP OFF @ 3980 #. BROKE DOWN FORMATION @ 7 BPM @ 2414 #. DROPPED 24 BALL SEALERS IN 1000 GALS 15% HCL ACID @ 1 BALL PER BBL AND 2 BALLS PER BBL FOR THE REMAINING 52 BALL SEALERS @ 20 BPM @ 2326 #. A TOTAL OF 76 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3800 #. RU BLUE JET. RIH W/ JUNK BASKET. RETRIEVED 69 BALL SEALERS. PUMPED PRE PAD @ 34 BPM @ 3668 #. STEPPED DOWN RATE TO 27 BPM @ 2917 #. STEPPED DOWN RATE TO 17 BPM @ 2014 #. STEPPED DOWN RATE TO 10 BPM @ 1560 #. ISIP 1295 #. 5 MIN 1012 #. 10 MIN 882 #. 15 MIN 773 #. 20 MIN 681 #. 25 MIN 612 #. 30 MIN 519 #. FRAC'D THE DAKOTA W/ SLICKWATER @ 1g/mg FR, 50,000 # 20/40 SUPER LC SAND & 2294 BBLs FLUID. AVG RATE 60 BPM. AVG PRESSURE 3460 #. MAX PRESSURE 3695 #. MAX SAND CONS .80 # PER GAL. ISIP 1580 #. FRAC GRADIENT .60. RA TAGGED FRAC. TAGGED 0.5 # SAND W/ IRRIDUM. TAGGED .65 # SAND W/ ANTIMONY. TAGGED .80 SAND W/ SCADIUM. SWI. RD BJ HALLIBURTON. (SSM)  |
| 11/27/2002 00:00 | HELD SAFETY MEETING. RU BLUE JET. RIH W/ 4 1/2" FRAC PLUG. SET @ 6050'. TESTED PLUG TO 4300 #. HELD OK. PERFORATED THE POINT LOOKOUT. RIH W/ 3 1/8" 120 DEGREE SELECT FIRE. PERFORATED FROM 5762- 5774' W/ 1/2 SPF, 5784'-5798' W/ 1/2 SPF, 5806'- 5808' W/ 1/2 SPF, 5814' - 5822' W/ 1/2 SPF, 5834' - 5848' W/ 1/2 SPF, 5862' - 5868' W/1/2 SPF, 5890' - 5898' W/1/2 SPF. A TOTAL OF 49 HOLES. RU HALLIBURTON. FRAC'DTHE POINT LOOKOUT. TESTED LINES TO 5061 #. SET POP-OFF @ 3810 #. BROKE DOWN FORMATION @ 6 BPM @ 3034 #. DROPPED 32 BALL SEALERS @ 1 BALL PER BBL @ 20 BPM @ 348 #. GOOD BALL ACTION. BALLED OFF @ 3800 #. RIH W/ JUNK BASKET AND RETRIEVED 32 BALLS. PUMPED PRE PAD @ 30 BPM @ 962 #. STEPPED DOWN RATE TO 25 BPM @ 531 #. STEPPED DOWN RATE TO 20 BPM @ 111 #. STEPPED DOWN RATE TO 15 BPM @ 0 #. ISIP 0 #. FRAC'D THE POINT LOOKOUT W/ 65 Q SLICKWATER FOAM, 100,000 # OF 20/40 BRADY SAND 1,045,432 SCF N2 AND 1298 BBLs FLUID. AVG RATE 44 BPM. AVG PSI 1620 #. MAX PSI 1778 #. MAX SAND CONS 1.50 # PER GAL. ISIP 150 #. FRAC GRADIENT .44. (SSM)   |
| 11/27/2002 00:00 | HELD SAFETY MEETING. RU BLUE JET. RIH W/ 4 1/2" COMPOSITE PLUG. SET @ 5572'. TESTED PLUG TO 4300 #. HELD OK. PERFORATED THE CLIFFHOUSE. RIH W/ 3 1/8" 120 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 5216- 5228' W/ 1/2 SPF, 5242'-5244' W/ 1/2 SPF, 5304'- 5332' W/ 1/2 SPF, 5350' - 5354' W/ 1/2 SPF, 5361' - 5371' W/ 1/2 SPF, 5382' - 5394' W/1/2. A TOTAL OF 40 HOLES. RU HALLIBURTON. FRAC'DTHE CLIFFHOUSE. TESTED LINES TO 5140 #. SET POP-OFF @ 3804 #. BROKE DOWN FORMATION @ 3 BPM @ 3750 #. DROPPED 32 BALL SEALERS @ 1 BALL PER BBL @ 19 BPM @ 2495 #. A TOTAL OF 32 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3800 #. RIH W/ JUNK BASKET AND RETRIEVED 32 BALLS. PUMPED PRE PAD @ 31 BPM @ 1572 #. STEPPED DOWN RATE TO 26 BPM @ 1148 #. STEPPED DOWN RATE TO 21 BPM @ 680 #. STEPPED DOWN RATE TO 10 BPM @ 96 #. ISIP 0 #. 5 MIN 0 #. FRAC'D THE CLIFFHOUSE W/ 65 Q SLICKWATER FOAM W/ 1 G/MG FR, 75,000 # OF 20/40 BRADY SAND 1,019,696 SCF N2 AND 1135 BBLs FLUID. AVG RATE 45 BPM. AVG PSI 2025 #. MAX PSI 2078 #. MAX SAND CONS 1.50 # PER GAL. ISIP 150 #. FRAC GRADIENT .44. SWI. RD HALLIBURTON. (SSM) TOTAL FRAC COST FOR MV IS ON THE CLIFFHOUSE REPORT |
| 12/2/2002 00:00  | HELD SAFEY MTG. SICP= 810#. ROAD UNIT TO LOCATION. RU UNIT AND EQUIPMENT. RU GAS COMPRESSORS,SEPERATOR AND SUCTION LINES.NU CAMERON ENVIROMENTAL FLOW-BACK SAND SEPERATOR AND EQUIPMENT.ND FRAC STACK. NU BOP. INSTALL PLUGGED TBG. HANGER. RU WOODGROUP PRESSURE TEST UNIT. TEST BOP(blind and pipe rams). 250# LOW AND 5000#. HIGH. TEST WAS GOOD.WITNESSED BY W.SHENEFIELD AND T.MONK. ND WOOD GROUP. SECURE WELL AND SDFN. AWS.  |
| 12/3/2002 00:00  | HELD SAFETY MTG.SICP=1100# BLEED DOWN CSG. PU 3 7/8" WS MILL NIPPLE,AND TIH W/ 93 JTS 2 3/8" TBG. PICKING UP. UNLOAD HOLE @ 2940'. CONTINUE TO TIH W/ 77 JTS AND TAG FILL @ 5365'. C/O W 4 JTS TO 5532'. CIRCULATE CLEAN. TOOH W/ 12 JTS. SECURE WELL. DRAIN PUMP AND LINES. SDFN. AWS.  |

## Daily Summary

|                                  |                         |                               |  |  |               |                          |               |
|----------------------------------|-------------------------|-------------------------------|--|--|---------------|--------------------------|---------------|
| API/UWI<br>300392701200          | County<br>RIO ARRIBA    | State/Province<br>NEW MEXICO  | Surface Legal Location<br>NMPM-28N-7W-12-J | N/S Dist. (ft)<br>1715.0               | N/S Ref.<br>S | E/W Dist. (ft)<br>2205.0 | E/W Ref.<br>E |
| Ground Elevation (ft)<br>6780.00 | Spud Date<br>10/27/2002 | Rig Release Date<br>11/8/2002 | Latitude (DMS)<br>36° 40' 23.4696" N       | Longitude (DMS)<br>107° 31' 22.0008" W |               |                          |               |

| Start Date       | Ops This Rpt  |
|------------------|---|
| 12/4/2002 00:00  | HELD SAFETY MTG. SICP=800#. BLEED CSG DOWN KILL BG. TIH W/ 11 JTS 2 3/8" TBG. AND TAG FILL @ 5544'. C/O TO PLUG W/ 4 JTS. PU SWIVEL AND DRILL PLUG @ 5572'. TIH W/ 11 JTS AND TAG FILL @ 5923'. CIRCULATE CLEAN. TOOH W/ 25 JTS. TO 5132'. GET FLOWING UP TBG AND TEST MESA VERDE FORMATION. TEST IS AS FOLLOWS:<br>MV PERFS 5216'-5898'<br>2 3/8" TBG. SET @ 5132' KB<br>TESTED ON 1/2" CHOKE ( COEFICIENTOF 6.6)<br>FTP=320#<br>SICP=600#<br>MV PRODUCTION= 2112 MCFPD<br>3 BWPD<br>1 BOPD<br>1/2 BCPD<br>NO SAND<br>TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES.<br>SECURE WELL AND SDFN. AWS.  |
| 12/5/2002 00:00  | HELD SAFETY MTG. SICP=750#. BLEED CSG DOWN, KILL TBG. TIH W/ 25 JTS 2 3/8" TBG AND TAG FILL @ 5903'. C/O W/5 JTS TO PLUG @ 6050'. PU SWIVEL AND DRILL PLUG. CIRCULATE CLEAN. POOH W/ 30 JTS. SECURE WELL AND SDFN. AWS.   |
| 12/6/2002 00:00  | HELD SAFETY MTG. SICP= 800#, BLEED CSG. DOWN, KILL TBG. TIH W/ 90 JTS 2 3/8" TBG. AND TAG FILL @ 7950'. FINISH DRILLING PLUG AND C/O TO PBTD @ 8025'. CIRCULATE CLEAN. POOH W/ 12 JTS. SECURE WELL AND SDFN. AWS.   |
| 12/7/2002 00:00  | HELD SAFETY MTG. SICP=750# BLEED CSG. DOWN, KILL TBG. IH W/ 12 JTS 2 3/8" TBG. AND TAGGED FILL @ 8015'. CLEAN OUT TO PBTD. CIRCULATE CLEAN. POOH W/ 112 JTS TBG. SECURE WELL AND SDFN. AWS.   |
| 12/9/2002 00:00  | HELD SAFETY MTG. SICP=800#. BLEED CSG DOWN, KILL TBG. TOOH W/ 140 JTS 2 3/8" TBG. PU HALLIBURTON RTTS PKR AND TBG. VALVE. TIH AND SET PKR @ 7711'. OPEN TBG VALVE AND FLOW TEST DAKOTA . PULLED 2 DK GAS SAMPLES. DK TEST IS AS FOLLOWS.<br>DK PERFS TESTED -7814'-7988'<br>2 3/8" TBG W/ RTTS PKR SET@ 7811' KB<br>TESTED ON 1/2" CHOKE & CHARTED BY CAMERON ENVIROMENTAL.<br>CHOKE COEFFICIENT OF 6.6<br>FTP= 340#<br>SICP= 700#<br>DK PRODUCTION=2244 MCFPD<br>5 BWPD<br>1 BOPD<br>1/2 BCPD<br>NO SAND.<br>TEST WAS WITNESSED BY T. MONK W/ KEY ENERGY SERVICES.<br>ATEMT TO RELEASE PKR AND COULD NOT. WORKED UNTIL DARK TO RELEASE W/NO LUCK. COULD NOT TELL IF BY-PASS WAS OPEN. SECURE WELL AND SDFN. AWS. |
| 12/10/2002 00:00 | HELD SAFETY MTG. SICP=800#, WORK TO RELEASE RTTS PKR. CALLED OUT WIRELINE SPECIALTYS PIPE RECOVERY TRUCK. RU WIRE LINE. RIH AND FIND FREE POINT @ 7708' WLM. POOH AND PU CHEM. CUTTER. RIH AND CUT TBG. @ 7708 UNDER TENSION. TBG. RELEASED. POOH W/244 JTS AND LD CUT JT. PU SHOE, WP EXTENSIONS, OVER SHOT,UPPER EXTENSIONS, TOP SUB, BUMPER SUB, JARS,AND X/O. STAND BACK IN DERRICK. SECURE WELL AND SDFN. AWS.   |
| 12/11/2002 00:00 | HELD SAFETY MTG. PU DRILL COLLARS , INTENSIFIER, AND X/O, ( TOTAL BHA = 239'. ) TIH W/118 STANDS 2 3/8" TBG.TO 7696'. BLOW WELL AROUND. TAG FISH AND WASH OVER. TAGGED BRIDGE @ 7706'. CIRCULATED CLEAN. PU 1 JTS AND DID NOT TAG PKR @ 7711'. PACKER FELL DOWN HOLE. CHASED PKR DOWN HOLE AND LATCHED ONTO @ 8014'. POOH W/TBG. , LD COLLARS AND TOOLS. LD PKR AND TBG. VALVE. PU, MS,SN AND TIH W/ 100 JTS 2 3/8" TBG. SECURE WELL AND SDFN. AWS.   |
| 12/12/2002 00:00 | HELD SAFETY MTG. SICP=750#. BLEED CSG. DOWN KILL TBG. TIH W/252 JTS. AND TAG FILL @ 7979".CLEAN OUT TO 8001'. . BLOW WELL AROUND.POOH W/ 11 JTS TO 7650'. RU PROTECHNICS AND EXPERT DH. PU ISOTOPE LOGGING TOOLS AND RIH AND LOG DK INTERVAL W/ GAS FLOWING UP TBG. POOH AND PU MEMORY PRODUCTION LOGGING TOOLS. RIH AND LET PRESSURE STABILIZE, LOG DK INTERVAL. RESULTS WILL BE SENT TO ENGINEERING. RD SERVICE COMPANYS. SECURE WELL AND SDFN. AWS.  |

## Daily Summary

|                       |            |                  |                        |                     |          |                |          |
|-----------------------|------------|------------------|------------------------|---------------------|----------|----------------|----------|
| API/JWI               | County     | State/Province   | Surface Legal Location | N/S Dist. (ft)      | N/S Ref. | E/W Dist. (ft) | E/W Ref. |
| 300392701200          | RIO ARRIBA | NEW MEXICO       | NMPM-28N-7W-12-J       | 1715.0              | S        | 2205.0         | E        |
| Ground Elevation (ft) | Spud Date  | Rig Release Date | Latitude (DMS)         | Longitude (DMS)     |          |                |          |
| 6780.00               | 10/27/2002 | 11/8/2002        | 36° 40' 23.4696" N     | 107° 31' 22.0008" W |          |                |          |

| Start Date       | Ops This Rpt   |
|------------------|--|
| 12/13/2002 00:00 | <p>HELD SAFETY MTG. SICP=780#, BLEED CSG DOWN. TIH W/11 JTS AND TAG FILL @ 7988'. C/O TO PBTD OF 8023 W/2 JTS. CIRCULATE CLEAN. POOH W/8 JTS AND LAND TBG, @ 7820' W/KB. RD BOP, RU WH. GET FLOWING UP TBG. AND DHC TEST WHILE RIGGING UNIT AND EQUIPMENT DOWN. TEST IS ASFOLLOWS:</p> <p>DK PERFS- 7814'-7988'</p> <p>MV PERFS' 5216'-5394'</p> <p>2 3/8" TBG. SET @ 8020'</p> <p>TESTED ON 1/2" CHOKE ( COEFICIENT OF 6.6)</p> <p>FTP=260#</p> <p>SICP=700#</p> <p>DHC PRODUCTION=1716 mcfpd</p> <p>CROSS FLOW IS EVIDENT IN THIS WELL.</p> <p>5 BWPD</p> <p>5 BOPD</p> <p>3 BCPD</p> <p>NO SAND</p> <p>TEST WITNESSED BY T. MONK W/ KEY ENRGY SERVICES.</p> <p>FINAL REPORT. TURN OVER TO OPERATOR AND EPNG FOR PRODUCTION.</p> |