

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.  
NMSF078498

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
NMMN78413A

2. Name of Operator  
CONOCO INC  
Contact: DEBORAH MARBERRY  
E-Mail: deborah.moore@usa.conoco.com

8. Lease Name and Well No.  
SAN JUAN 28-7 UNIT 229E

3. Address PO BOX 2197, DU 3084  
HOUSTON, TX 77252-2197  
3a. Phone No. (include area code)  
Ph: 281.295.1905

9. API Well No.  
30-039-26206-00-S2

4. Location of Well (Report location clearly and in accordance with Federal requirements)

10. Field and Pool, or Exploratory  
BLANCO MESAVERDE

At surface NENE 790FNL 855FEL

11. Sec., T., R., M., or Block and Survey  
or Area Sec 32 T28N R7W Mer NMP

At top prod interval reported below

12. County or Parish  
RIO ARRIBA  
13. State  
NM

At total depth

14. Date Spudded  
12/11/2000  
15. Date T.D. Reached  
12/18/2000  
16. Date Completed  
 D & A  Ready to Prod  
09/19/2001

17. Elevations (DF, KB, RT, GL)\*  
6256 GL

18. Total Depth: MD 7320 TVD  
19. Plug Back T.D.: MD 7232 TVD  
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL W GR CCL VDL  
22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit analysis)  
Directional Survey?  No  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        |          | 283         |                      | 150                         |                   | 0           |               |
| 8.750     | 7.000 J-55 | 20.0        |          | 3317        |                      | 530                         |                   | 0           |               |
| 6.250     | 4.500 7320 | 55.0        |          | 7320        |                      | 345                         |                   | 3013        |               |

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 | 7222           |                   |      |                |                   |      |                |                   |

25. Producing Intervals

26. Perforation Record

| Formation    | Top  | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|--------------|------|--------|---------------------|------|-----------|--------------|
| A) MESAVERDE | 4438 | 5160   | 4438 TO 4584        |      | 30        |              |
| B)           |      |        | 4755 TO 5160        |      | 43        |              |
| C)           |      |        |                     |      |           |              |
| D)           |      |        |                     |      |           |              |

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

| Depth Interval | Amount and Type of Material          |
|----------------|--------------------------------------|
| 4438 TO 4584   | 88,440# 20/40 SAND W/666,300 SCF N2  |
| 4755 TO 5160   | 165,000 #20/40 SAND W/904,000 SCF N2 |

28. Production - Interval A

| Date First Produced | Test Date         | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 09/19/2001          | 09/15/2001        | 24           | →               | 1.0     | 1650.0  | 4.0       |                       |             | FLOWS FROM WELL   |
| Choke Size          | Tbg. Press. Flwg. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
| 1/2                 | SI 250            | 500.0        | →               |         |         |           |                       | GSI         |                   |

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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                   |              | →               |         |         |           |                       |             | OR RECORD         |
| Choke Size          | Tbg. Press. Flwg. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
|                     | SI                |              | →               |         |         |           |                       |             |                   |

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

ELECTRONIC SUBMISSION #7597 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOCD

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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.)  
**SOLD**

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    | 971    |                              | OJO ALAMO       | 1954        |
| NACIMIENTO | 971  | 1969   |                              | KIRTLAND        | 2100        |
| OJO ALAMO  | 1969 | 2062   |                              | FRUITLAND       | 2498        |
|            |      |        |                              | PICTURED CLIFFS | 2791        |
|            |      |        |                              | MESAVERDE       | 3191        |
|            |      |        |                              | CHACRA          | 3756        |
|            |      |        |                              | CLIFF HOUSE     | 4437        |
|            |      |        |                              | MENEFEE         | 4567        |
|            |      |        |                              | POINT LOOKOUT   | 5032        |
|            |      |        |                              | GALLUP          | 6218        |
|            |      |        |                              | GREENHORN       | 6948        |
|            |      |        |                              | DAKOTA          | 7033        |

32. Additional remarks (include plugging procedure):

THIS WELL IS DHC'D IN THE BLANCO MESAVERDE AND BASIN DAKOTA. THE PICTURED CLIFFS AND FRUITLAND COAL WILL NOT BE PRODUCED.

ATTACHED ARE THE DAILY'S.

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 #7597 Verified by the BLM Well Information System.  
For CONOCO INC, sent to the Farmington  
Committed to AFMSS for processing by Lucy Bee on 10/11/2001 (02LXB0116SE)**

Name (please print) DEBORAH MARBERRY Title SUBMITTING CONTACT

Signature (Electronic Submission) Date 10/10/2001

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.

## Daily Summary

| API          | County  | State/Province               | Surface Legal Location | NS Dist. (ft)    | NS Flag        | EW Dist. (ft)   | EW Flag |
|--------------|---|------------------------------|------------------------|------------------|----------------|-----------------|---------|
| 300392620600 | RIO ARRIBA  | NEW MEXICO                   | NMPM-28N-7W-32-A       | 790.0            | N              | 855.0           | E       |
| KB Elev (ft) | Ground Elev (ft)  | Plug Back Total Depth (ftKB) | Spud Date              | Rig Release Date | Latitude (DMS) | Longitude (DMS) |         |
| 6270.00      | 6257.00   | 7,314.0                      | 12/11/2000             | 12/18/2000       |                |                 |         |
| Start        | Ops This Rpt  |                              |                        |                  |                |                 |         |
| 3/6/2001     | Rig up Cudd Coil tubing. Started to RIH with coil tubing with bit. Fluid level was approx 740' from surface. Well records indicate well has a liner @ 3013'. Cannot get enough rate with coil tubing rig to circulate cuttings to surface up the 7" casing. Tested casing to 2000 psi.- OK.<br>Rig down and move off location.  |                              |                        |                  |                |                 |         |
| 3/28/2001    | Held safety mtg. MI key rig #10, MI equipment and spot.RU pump and pit lines.Open well and check for pressure.ND well head, NU BOP. PU 3 7/8" rock bit and bit sub. RIH w/ 147 jts 2 3/8" tbg. Secure well and SDFN.  |                              |                        |                  |                |                 |         |
| 3/29/2001    | Held safety mtg.TIH w/65 jts tbg and tag cement @ 6645'. Drill out and clean out to 7232'. (FC @ 7232'). Continue to drill on FC for 1 hr. Circulate hole clean and secure well and SDFN.   |                              |                        |                  |                |                 |         |
| 3/30/2001    | Held safety mtg.Drill thru FC and continue to drill out to 7300'. Circulate 200 bbl to clean tubulars. Pressure test to 2000#. Test was good. Witnessed by T.Monk w/ key energy services POOH w/ 231 jts 2 3/8" tbg. and LD.. ND BOP, NU WH. load csg. RD. FINAL REPORT<br><br>Sent 235 jts B cond tbg. to FIS for inspection.  |                              |                        |                  |                |                 |         |
| 5/30/2001    | RU schlumberger wireline and mast truck. RU Stinger test pump.RU frac valve. PU cbl tools and RIH and tag @ 7290'. Pressure up to 1200#. Pull cbl from 7290' to surface. TOC @ 1450'. Continue GR/CCL to surface. Pressure test to 4300#. Test was good. PU TDT tools and RIH and tag @ 7290' Run TDT/CCL/GR to 1700', and continue GR/CCL to surface. LD tools and RD. Secure well and SDFN.   |                              |                        |                  |                |                 |         |
| 6/8/2001     | Held safety mtg. RU Blue jet wireline and mast truck. RD master valve, RU lubricator. PU 3 1/8" csd. hole guns w/ 12g 306T 90^ PP charges and perforate DK sands as follows: 7050'-7082', 7180'-7188', 7220'-7242',7250'-7256'. All shots are 1 spf for a tot. of 38, .34" holes.RU master valve and secure well and SDFN.  |                              |                        |                  |                |                 |         |
| 6/11/2001    | Held safety mtg.RD Master valve. RU Stinger isolation tool. RU BJ Services.Mix 3 tanks. Pressure test lines to 5000#, set pop-off @3850#. Start B/D Formation broke @ 2500#. Pumped 17 bpm & 2200#. S/D ISDP=780#.Start 15% HCL and 46 1.1 SG bio-sealers. @ 7 bpm & 1100#. Start flush @ 17 bpm & 2050#.Showed good ball action and balled off @ 3750#.Wait for balls for 1hr.RE-TEST lines. Start spectra-g pad @ 46 bpm & 2800#, St. .5# @ 46 bpm & 2723# , St. 1# @ 46 bpm & 2661#, St. 2# @ 46 bpm & 2510#, St. 3# @ 46 bpm & 2448#, St. 4# @ 46 bpm & 2378#, St. 5# @ 46 bpm & 2266#. St. flush @ 46 bpm & 2713#. S/D ISDP=1650# , 101060# 20/40 TLC. AV rate=46 bpm, AV psi= 2450#. Fluid to recover = 1614 bbl, Sand laden fluid = 951 bbl. Final SIP= 1627#. RD service companys. RU master valve. Secure well and SDFN.   |                              |                        |                  |                |                 |         |
| 6/14/2001    | Held safety mtg. RU blue jet wireline and mast truck. RD master valve, RU lubricator. PU 4.5" halliburton comp plug and RIH and set @ 5300'. POOH and PU 3 1/8" guns w/ 12g 306T 90^ PP charges and perforate PLO sands as follows: 4755'- 4757', 4800'-4805', 4845'-4851', 4950'-4954', 5012'-5014', 5054'-5060',5076'-5080', 5088'-5096', 5109'-5115', 5156'-5160'. The lower 5 sets of perfs are .5 spf, all other shots are 1 spf. 43 tot .34" holes. RD blue jet. RU master valve. Secure well and SDFN.   |                              |                        |                  |                |                 |         |
| 6/16/2001    | Held safety mtg. RU BJ Services frac unit. Pressure test lines to 4870#, set pop-off @ 3820#. St breakdown.Formation broke @ 2250#. Pumped 17 bpm & 0# dropped 52 7/8" 1.3 sg ball sealers w/ 2% kcl. Showed good ball action but did not ball off. RU wireline junkbasket and RIH and retrieve 52 balls w/27 hits. Re-test lines and pop-off.St. 70q linear foam pad @ 60 bpm & 2250#, St. .5# @ 60 bpm & 2256#, St. 1# @ 60 bpm& 2265#, St. 2# @ 60 bpm & 2320#, St. 3# @ 60 bpm & 2223#, St. 4# @ 60 bpm & 2180#, St. 5# @ 60 bpm & 2050#. Flush @ 30 bpm . S/D ISIP=0. Tot. fluid to recover=1016 bbl. Treating fluid =749 bbl. Pumped tot. of 165,000# 20/40 brady.Tot N2=904,000 scf. AV rate=60 bpm , AV psi 1800#. RU 4.5" halliburton comp plug and RIH and set @ 4654'. POOH and test plug to 4100#. PU 3 1/8" guns and perforate MEN/CH sands as follows:4438'-4446', 4472'-4484'4508'-4522'4534'-4546'4582'-4584'. 30 tot holes. POOH w/ guns.Break down formation @ 3020# pumped 2% kcl and 40 balls. showed good action and balled off @ 3600#. RU wireline junk basket and RIH and retrieve 40 balls w/ 20 hits. Pressure test lines and test pop-off. St. 70Q linear foam pad @ 45 bpm & 2300#, St. .5# @ 45 bpm & 2270#, St. 1# @ 45 bpm & 2350#, St. 2# @ 45 bpm & 2350#, St. 3# @ 45.5 bpm & 2200#, St. 4# @ 45 bpm & 2193#.Flush @ 20 bpm & 1552#. S/D ISDP=1250#. Tot. sand = 88,440# 20/40 brady. Tot. N2= 666,300 scf.AV rate= 45 bpm AV psi= 2100#.5 min=847#. Fluid to recover=676 bbl. Treating fluid= 378 bbl. RD service company. Secure well and SDFN. |                              |                        |                  |                |                 |         |
| 9/11/2001    | HELD SAFETY MEETING. MIRU   |                              |                        |                  |                |                 |         |
| 9/12/2001    | HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 0#. ND FRAC VALVE. NUBOP. TESTED BOP TO 250 # & 5000 #. BOTH PIPE & BLIND RAMS. HELD OK. INSTALLED BLOOEY LINE & DRILL AIR COMPRESSORS. RIH W/ 3 7/8" MILL ON 2 3/8" TBG TO 3100'. SWION.   |                              |                        |                  |                |                 |         |
| 9/13/2001    | HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 0#. RIH W/ 3 7/8" MILL ON 2 3/8" TBG. TAGGED SAND @ 4288'. 366' OF FILL. RU DRILL AIR. CLEANED OUT FROM 4288' DOWN TO COMPOSITE @ 4654'. PUH TO 4350'. SWION  |                              |                        |                  |                |                 |         |
| 9/14/2001    | HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 650 #. RIH W/ 3 7/8" MILL ON 2 3/8" TBG. TAGGED COMPOSITE PLUG @ 4654'. RU DRILL AIR. DRILLED OUT COMPOSITE PLUG @ 4654'. CLEAN OUT FROM 4654' TO 5300'. MV PERFS @ 4438' TO 5160'. CIRCULATED HOLE W/ DRILL AIR. PUH TO 4350'. SWION.  |                              |                        |                  |                |                 |         |

Daily Summary

|                         |                             |   |  |                                |                |                        |              |
|-------------------------|-----------------------------|---|--|--------------------------------|----------------|------------------------|--------------|
| API<br>300392620600     | County<br>RIO ARRIBA        | State/Province<br>NEW MEXICO            | Surface Legal Location<br>NMPM-28N-7W-32-A | NS Dist. (ft)<br>790.0         | NS Flag<br>N   | EW Dist. (ft)<br>855.0 | EW Flag<br>E |
| KB Elev (ft)<br>6270.00 | Ground Elev (ft)<br>6257.00 | Plug Back Total Depth (ftKB)<br>7,314.0 | Spud Date<br>12/11/2000                    | Rig Release Date<br>12/18/2000 | Latitude (DMS) | Longitude (DMS)        |              |

| Start     | Ops This Rpt  |
|-----------|---|
| 9/15/2001 | HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 600 #. RIH W/ 2 3/8" TBG. TAGGED COMPOSITE PLUG @ 5300'. NO FILL. PUH TO 5100'. TESTED THE MV THROUGH 1/2" CHOKE AND UP 2 3/8" TBG @ 5100'. WELL STABILIZED @ 250 #. TESTED WELL 4 HR AFTER WELL STABILIZED. TBG PRESSURE 250 #. CSG PRESSURE 500 #. 1650 MCFPD, 1 BOPD, 4 BWPD. MV PERFS @ 4438' TO 5160'. TEST WITNESSED BY SAM MCFADDEN AND NOE PARRA. PUH TO 4350'. SWION.  |
| 9/17/2001 | HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 600 #. RIH W/ 3 7/8" MILL ON 2 3/8" TBG. TAGGED COMPOSITE PLUG @ 5300'. RU DRILL AIR. DRILLED OUT COMPOSITE PLUG @ 5300'. RIH TAGGED SAND @ 7110'. 146' OF FILL. CLEANED OUT FROM 7110' TO 7290' - PBD. CIRCULATED HOLE W/ DRILL AIR. WELL MAKING 4 BBLs WATER PER HR AND 1 QUART SAND PER HR. PUH TO 7000'. SWION.   |
| 9/18/2001 | HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 900 #. RIH W/ 2 3/8" TBG. TAGGED SAND @ 7180'. 110' OF FILL. RU DRILL AIR. CLEANED OUT FROM 7180' TO 7290' - PBD. CIRCULATED HOLE W/ DRILL AIR. WELL MAKING 3 BBLs WATER PER HR AND 1/2 GAL SAND PER HR. PUH TO 7000'. SWION.   |
| 9/19/2001 | HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 900 #. RIH W/ 2 3/8" TBG. TAGGED @ 7290'. NO FILL. POOH W/ 3 7/8" MILL & TBG. RIH W/ 2 3/8" TBG TO 7222'. TESTED THE DAKOTA & MESA VERDE THROUGH 1/2" CHOKE & UP 2 3/8" TBG @ 7222'. WELL STABILIZED @ 500 #. TESTED WELL 4 HRS AFTER WELL STABILIZED. TBG PRESSURE 500 #. CSG PRESSURE 800 #. 3300 MCFPD. 2 BOPD. 22 BWPD. DAKOTA PERFS @ 7050' TO 7256'. MESA VERDE PERFS @ 4438' TO 5160'. DAKOTA - 1518 MCFPD, 1 BOPD, 12 BWPD. MESA VERDE - 1782 MCFPD, 1 BOPD, 10 BWPD. TEST WITNESSED BY SAM MCFADDEN & NOE PARRA. LANDED 228 JTS 2 3/8" TBG @ 7222' W/ SEAT NIPPLE & MULE SHOE. RU SAND LINE. RIH W/ 1.901" DRIFT TO SEAT NIPPLE. POOH W/ DRIFT. NDBOP. NUWH. RDMO. |