

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 ☐ 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.

2. Name of Operator
CONOCO INC

Contact: DEBORAH MARBERRY
E-Mail: deborah.marberry@conocophillips.com

8. Lease Name and Well No.
SJ 28-7 23

3. Address PO BOX 2197, DU 3084
HOUSTON, TX 77252-2197

3a. Phone No. (include area code)
Ph: 832.486.2326

9. API Well No.
30-039-07433-00-C2

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

Sec 15 T28N R7W Mer NMP

At surface NENE 0990FNL 0990FEL 36.66574 N Lat, 107.55452 W Lon

At top prod interval reported below

At total depth

10. Field and Pool, or Exploratory
SOUTH BLANCO PICTURED CLIFFS

11. Sec., T., R., M., or Block and Survey
or Area Sec 15 T28N R7W Mer NMP

12. County or Parish
RIO ARRIBA

13. State
NM

14. Date Spudded
04/04/1955

15. Date T.D. Reached
04/19/1955

16. Date Completed
☐ D & A ☒ Ready to Prod.
04/19/1955 10-14-02

17. Elevations (DF, KB, RT, GL)*
6141 GL

18. Total Depth: MD
TVD 5500

19. Plug Back T.D.: MD
TVD 5448

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL

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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 12.250 | 9.625 | 25.0 | | 175 | | 125 | | 0 | |
| 8.750 | 7.000 | 23.0 | | 4480 | | 500 | | | |
| 6.250 | 4.500 | 11.0 | | 5500 | | 200 | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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 | 5123 | | | | | | | |

25. Producing Intervals

26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|--------------------|------|--------|---------------------|------|-----------|--------------|
| A) PICTURED CLIFFS | 2884 | 2932 | 2884 TO 2932 | | 25 | OPEN |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 2884 TO 2932 | FRAC W/75,560# 20/40 SAND, 636,204 SCF N2, 720 BBL |
| | |
| | |
| | |

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 10/14/2002 | 10/05/2002 | 24 | → | 0.0 | 148.0 | 1.0 | | | FLOW 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 | | 100.0 | → | 0 | 148 | 1 | | PGW | |

28a. Production - Interval B

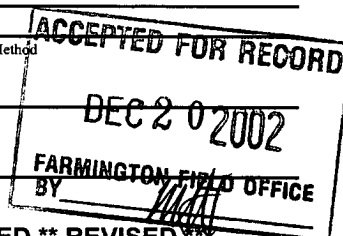
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| 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 #15981 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

NMOC



28b. Production - Interval C

| | | | | | | | | | |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 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 | |

28c. Production - Interval D

| | | | | | | | | | |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 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 | |

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 |
|-----------|-----|--------|------------------------------|---|------------------------------|
| MESAVERDE | | | | MESAVERDE CLIFF HOUSE MENEFE POINT LOOKOUT MANCOS | 4504 4642 5045 5416 |

32. Additional remarks (include plugging procedure):

This well is now downhole commingled in the Blanco Mesaverde and So. Blanco Pictured Cliffs.

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 #15981 Verified by the BLM Well Information System.
For CONOCO INC, sent to the Farmington
Committed to AFMSS for processing by Matthew Halbert on 12/20/2002 (03MXH0292SE)

Name (please print) DEBORAH MARBERRYTitle SUBMITTING CONTACT

Signature _____ (Electronic Submission)

Date 11/12/2002

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 ****

Daily Summary

| | | | | | | | |
|----------------------------------|-----------------------|------------------------------|--|-------------------------------------|---------------|-------------------------|---------------|
| API/UWI 300390743300 | County RIO ARRIBA | State/Province NEW MEXICO | Surface Legal Location NMPM-28N-7W-15-A | N/S Dist. (ft) 990.0 | N/S Ref. N | E/W Dist. (ft) 990.0 | E/W Ref. E |
| Ground Elevation (ft) 6141.00 | Spud Date 4/4/1955 | Rig Release Date | Latitude (DMS) 36° 39' 56.664" N | Longitude (DMS) 107° 33' 16.2" W | | | |

| Start Date | Ops This Rpt |
|-----------------|--|
| 9/26/2002 00:00 | MCM, 9/26/02. MIRU AWS #376. FTP:120 psi. SICP: 160 psi. Bled well down. Held safety meeting. LO/TO surface equipment. ND tree. NU BOP. Test Blind rams to 240 & 2000 psi. Tested pipe rams to 250 & 2000 psi. Test OK. Pulled donut. TOH with 165 jts 2-3/8" tubing & SN. SLM = 5113.93' SWI-SDON. |
| 9/27/2002 00:00 | MCM, 9/27/02. 15 hr SICP: 160 psi. Held safety meeting. Bled well off. RU Blue Jet. RIH and set CIBP @ 4460'. Loaded casing with 2% KCL water. Test CIBP to 2000 psi. Test OK. RU Stinger isolation tool. Pressure test casing and CIBP to 3000 psi, test OK. RD Stinger. Blue Jet ran GR-CBL from 4450'-3200'. CBL showed good cement from 4450'-3480' with cement stringers and good cement bridge from 3360-3380'. Contacted Charlie Perron with NMOCD @ 4:33 PM, 9/27/02 of intest to squeeze. Also contacted BLM & left message with BLM of intest to squeeze @ 5:34 PM, 9/27/02. Perf'd 3 sqz holes @3350'. Pumped 70 bbls 2% KCL water down casing and circ'd with full returns out 4-1/2"x 7". SWI-SDON. |
| 9/30/2002 00:00 | MCM, 9/30/2002. RU BJ Services. Held safety meeting. Tested lines to 4000 psi, ok. Pumped 15 bbls fresh water spacer, 5 bbls dye water, 185 sx (69 bbls) Premium Lite FM+ 2% CaCl2 @ 12.1 ppg, 2.10 yield F/B 70 sx (17.5 bbls) Type III + 2% CaCl2 @ 14.5 ppg, 1.41 yield. 3 BPM @ 330-0 psi. Shut down & washed pumps & lines. Displaced cement with 51.5 bbls fresh water, 2.8 - 1.8 BPM @ 0 - 850 psi. Circ'd 1/2 bbls cement (4sx cement) to pit. Job complete and cement in place @ 11:11 AM, 9/30/2002. Shut 4-1/2" x 7" annulus. Left well shut in with 1200 psi. RD BJ Services. SDON. |
| 10/1/2002 00:00 | MCM, 10/01/02. Held safety meeting. Bled pressure off well. TIH w/ 3-7/8" MT bit, bit sub, (6) 3-1/8" OD DC's, XO on 2-3/8" tubing. Tagged cement @ 3203'. Drilled cement from 3203'-3374'. Fell out of cement @ 3374'. Circ'd well clean. Pressure test casing to 2000 psi, OK. TOH with tubing & BHA. SWI-SDON. |
| 10/2/2002 00:00 | MCM, 10/02/02. RU Blue Jet. RIH and perforate 4-1/2" casing in Pictured Cliff formation as follows: 2884-86-88-90-92-94-96-98-2900-02-04-06-08-10-12-14-16-18-20-22-24-26-28-30-2932. 25 holes total. RD Blue Jet. RU Stinger isolation tool and BJ Services. Capacities: 4-1/2" 10.50#/ft casing= .0159 bbls/l.ft Top perf: 2884'= 45.9 bbls Mid perf: 2908' = 46.2 bbls Bott perf: 2932' = 46.6 bbls Held safety meeting. Pressure test lines to 4013 -3967 psi. Set pop-off @ 2840 psi & 2750 psi. Breakdown: Initial rate/pressure: 4 BPM @ 1410 psi. Increased rate to 26 BPM @1750, 35.2 BPM@ 2560 psi. Step Rate Test: 1st step: 34.4 BPM @ 2485 psi. 2nd step: 22.2 BPM @ 1334 psi. 3rd step: 11.7 BPM @ 714 psi. ISIP: 430 psi. 5 min: 352 psi 10 min:313 psi. FG: .58 Frac: (All rates foam rate) Start pad: 10BPM @ 1307, bring up N2. Pad: 34.7 BPM @ 1778 psi. 61Q -65Q, 33.5 BPM@ 1829 psi. 126 bbls 1/2 ppg: 35.4 BPM @ 1909 psi. 66Q. Sand on form: 36.2 BPM@ 1910 -1814 psi 90.5 bbls 1 ppg: 35.3 BPM@ 1814 psi 65Q. Sand on form: 35.3 BPM@ 1764 - 1703 psi 196 bbls 2 ppg: 36.5 BPM@ 1709 psi 66Q. Sand on form: 36 BPM @ 1655 - 1666- 1670 psi 290 bbl Flush: 36.5 BPM @ 1694 psi 57Q. 17.8 bbls ISIP: 1102 psi. 5 min: 1056 psi 10min:1067 psi. Min:1307 psi Max:1910 psi AIR: 35.3 BPM @ 1739 psi. Total N2: 636,204 scf Total Fluid: 720 bbls. 75,560 lbs 20/40 sand. RD Stinger and BJ Services.. Left well shut in overnight. |
| 10/3/2002 00:00 | MCM, 10/03/02. SICP: 880 psi. Held safety meeting. Opened well to pit on a 1/4" choke. Flowed well through the day and overnight, FCP: 880-35 psi making N@ , water and a trace of sand. |
| 10/4/2002 00:00 | MCM< 10/04/2002. Held safety meeting. Built blooey line. TIH with 3-7/8" bit, bit sub, (6) 3-1/8" OD DC's, XO on 2-3/8" tbg. Tagged sand @ 4147'. Built mist, unloaded hole, cleaned out frac sand from 4147'-4450' (CIBP). Circ'd well clean. PUH to 2812'. SWI-SDON. |

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| | | | | | | | |
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| Start Date | Ops This Rpt |
|-----------------|---|
| 10/5/2002 00:00 | <p>MCM, 10/05/02. Held safety meeting. SICP: 340 psi. Flow test well to pit as follows: Flowed 4 hrs to pit. Choke: 1/4" Perfs: 2884-2932 (PC) FCP: 100 psi SITP: 0 psi Water: 1 bbl Oil: 0 bbl Estimated flow rate: 148 mcf Witnesses: Mark Mabe and Cresencio Hernandez Tubing to be landed @ 5123' TIH with BHA and tubing. Tagged CIBP. Built mist and broke circulation. Drilled CIBP from 4450'-4452' in 45 mins. TIH tagged @ 5237'. Cleaned out to 5400'. TOH LD DC's. SWI-SDON.</p> |
| 10/7/2002 00:00 | <p>MCM, 10/07/02. Held safety meeting. Bled well down. TIH with 165 jts 2-3/8" tubing. Landed tubing @ 5123'. Pumped out plug with 1250 psi air pressure. ND BOP. NU tree. Flowed well to pit for 1 hr. Left well shut in. RDMO. FINAL REPORT.</p> |