

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.
NMSF 079289

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Reavr.
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.a.marberry@conoco.com

8. Lease Name and Well No.
SAN JUAN 28-7 UNIT 23

3. Address P.O. BOX 2197 WL3 3044
HOUSTON, TX 77252 3a. Phone No. (include area code)
Ph: 832.486.2326

9. API Well No.
30-039-07433

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

At surface NENE 990FNL 990FEL

At top prod interval reported below

At total depth

10. Field and Pool, or Exploratory
SO. BLANCO PICTURED CLIFFS 72439

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 5500 TVD 19. Plug Back T.D.: MD 5448 TVD 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625	25.4		175		125		0	
8.750	7.000	23.0		4480		500			
6.250	4.500	10.5		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
SO. BLANCO 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 BBLs FLUID

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			FLWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/2		100.0	→					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. SI	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

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

OCD FYI

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
				CLIFFHOUSE MENEFEE 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**

Name (please print) DEBORAH MARBERRYTitle SUBMITTING CONTACTSignature (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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Daily Summary

API/JWI 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 NMOCB @ 4:33 PM, 9/27/02 of intent to squeeze. Also contacted BLM & left message with BLM of intent 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% CaCl ₂ @ 12.1 ppg, 2.10 yield F/B 70 sx (17.5 bbls) Type III + 2% CaCl ₂ @ 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" tbq. Tagged sand @ 4147'. Built mist, unloaded hole, cleaned out frac sand from 4147'-4450' (CIBP). Circ'd well clean. PUH to 2812'. SWI-SDON.

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' 56.654" N	Longitude (DMS) 107° 33' 16.2" W			

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:</p> <p>Flowed 4 hrs to pit.</p> <p>Choke: 1/4"</p> <p>Perfs: 2884-2932 (PC)</p> <p>FCP: 100 psi</p> <p>SITP: 0 psi</p> <p>Water: 1 bbl</p> <p>Oil: 0 bbl</p> <p>Estimated flow rate: 148 mcf</p> <p>Witnesses: Mark Mabe and Cresencio Hernandez</p> <p>Tubing to be landed @ 5123'</p> <p>TIH with BHA and tubing. Tagged CIBP. Built mist and broke circulation. Drilled CIBP from 4450'-4452' in 45 mins. TI Hand tagged @ 5237'. Cleaned out to 5400'. TOH LD DC's. SWI-SDON.</p>