

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 078840

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMAJN 78413A

8. Lease Name and Well No.
SAN JUAN 28-7 UNIT 237

9. API Well No.
30-039-21663 C2

10. Field and Pool, or Exploratory
BLANCO MESAVERDE

11. Sec., T., R., M., or Block and Survey
or Area Sec 19 T27N R7W Mer NMP

12. County or Parish
RIO ARRIBA

13. State
NM

17. Elevations (DF, KB, RT, GL)*
6676 KB

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

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

3. Address P.O. BOX 2197 DU 3066
HOUSTON, TX 77252 3a. Phone No. (include area code)
Ph: 281-293-1005

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SENE 1600FNL 1180FEL

At top prod interval reported below

At total depth

14. Date Spudded
10/02/1978 15. Date T.D. Reached
10/22/1978 16. Date Completed
☐ D & A ☒ Ready to Prod.
07/01/2002

18. Total Depth: MD 7641 TVD 19. Plug Back T.D.: MD 7625 TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL/GR 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 J-55	32.0	0	223		224			
5.625	4.500 J-55	11.0	0	7641		1445			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.325	7448							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLANCO MESAVERDE	5044	5360	5044 TO 5360		34	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5044 TO 5360	FRAC W/57021 GALS OF FLUIDS 65Q FOAM, 85,180# 20/40 SAND

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
07/12/2002	06/28/2002	24	→	0.0	198.0	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	530	530.0	→					POW	

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 #14020 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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NMOCD

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
				PICTURED CLIFFS	2994
				CHACRA	3850
				CLIFFHOUSE	4667
				POINT LOOKOUT	5271
				GALLUP	6443
				GREENHORN	7228
				DAKOTA	7448

32. Additional remarks (include plugging procedure):

This well is now a downhole commingled well in the Blanco Mesaverde and Basin Dakota. 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 #14020 Verified by the BLM Well Information System.
For CONOCO INC., sent to the Farmington
Committed to AFMSS for processing by Matthew Halbert on 09/16/2002

Name (please print) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 09/10/2002

ACCEPTED FOR RECORD

SEP 16 2002

BY

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.

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Daily Summary

API/UWI 300392166300	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-27N-7W-19	N/S Dist. (ft) 1600.0	N/S Ref. N	E/W Dist. (ft) 1180.0	E/W Ref. E
Ground Elevation (ft) 6665.00	Spud Date 10/2/1978	Rig Release Date	Latitude (DMS)	Longitude (DMS)			

Start Date	Ops This Rpt
6/19/2002 00:00	Safety meeting. Road rig to location. Rig up rig an equipment.
6/19/2002 00:00	Safety meeting. Csg an tbg press. 160#. Blow well down, kill well with 20 bbls. 2% KCL. NDWH, NUBOP. RU BOP tester. Test BOP 250#/3000# on both blinds an rams. tested okay. RD Tester. PU an remove tbg. hanger. RIH with five joints of tbg. tag up. POOH with tbg. tally out. Tally shows tag at 7650'. RIH with bit an scraper for 4.5" csg. Ran in hole to 3125'. Secure well SDFN
6/20/2002 00:00	Safety meeting. Csg. press. 0#. Finish running in hole with scraper to 5530'. POOH with tbg. , an scraper. RU wireline unit, RIH with comp. plug. Set plug at 5500'. POOH with wireline. RIH with logging tool. Run CBL/GR. from 5493' to surface. Ran with 1500# on csg. POOH with logging tool. Sent /email logs to eng. Cement look good in area we are going to perf an frac. RD wireline. Problems with BOP. Change out BOP. Secure well SDFN
6/23/2002 00:00	Safety meeting. Csg press. 0# RU BOP tester, Test BOP. 250#/3000# on blinds an rams. Tested okay. RD tester. RIH with packer an 2 7/8" tbg, N80. Pick up from trailer an tally in, set packer at 1882'. RU frac valve. RU pump unit, Press. plug an tbg to 3800#, Held presss, for 15 mins. tested okay. Blow down, RD pump unit. Release packer an POOH with tbg. an packer. Stand back RU wireline unit. RIH with 3 1/8" select fire perf gun, Perf as followed:5368', 66', 64', 62', 60', 58', 56', 54', 52', 04', 02', 00', 5298', 96', 94', 92', 90', 88', 86', 84', 82', 80', 78', 76', 74', 5052', 51', 50', 49', 48', 47', 46', 45', 5044'. Total shots 34. POOH with perf gun, all shots fired. RD wireline. RIH with packer an tbg. , set packer at 1882'. RU frac valve. Secure well SDFN
6/25/2002 00:00	Safety meeting. RU BJ Frac unit. RU different frac valve. 180# on well. Test line, 4794#, down to 4723# IN 15 MINS. Okay. Set an test pop off, went offat 4240#. reset, went off 3850# , next try 3840#. ready. Put 500# on backside. Load hole with 16BBIs. Break point 2260#. at 16BPM/3315# drop balls(41 BIO_ Balls) rate at 11.5BPM/2084#, Balls on great breaks, Got to 3750# twice but not a complete ball off. Shut down one hour. Remove ball gun. Retest line an pop off. Start prepad, Est. rate at 20.4 BBIs/ 3527#, 200bbls. pump, step down 12.4BPM/1786#, 10BPM/1178#, 6BPM/582#. Shut down, ISIP 210#, 5 mins. 110#. Pad, pump 133bbls. at 30.6 BPM/3540#, .5 # sand 90 bbls, 31BPM/3168#, 1# sand 195 BBIs. at 30BPM/3214#, 2# sand 303 BBIs. at 29.8BPM/3291#. Flush with 29bbls. ISIP 1475# in 10 mins. 1210# Shut in. Used 57021 gals of fluids/65Q foam/2% KCL- with 85180# of 20/40 brown sand. Avg treating press. 3213#, Avg rate 29.3 BPM RD Frac unit. RU flow to pit on 1/2" choke 1140# on well. Haul in air unit an rig up. Well flowing to flow back tank, Will dry watch tonight.
6/26/2002 00:00	Travel to location, Held safety meeting, pumped 20 bbls down tbg, rig down flow line, release pkr, POOH, l/d frac string, took stripper head off, rig up blooie line flow "T", on the raised rig floor, change everything over to 2 3/8's, TIH 2500', rig blooie lines to pit with roustabouts, unload hole with air package, TIH & tag fill at 5403', clean out fill to 5465, blow around, well making medium sand and lots of heavy water, pooh to 4900', secure well/shut down for day, travel to yard
6/27/2002 00:00	travel to location, held safety meeting, check psi's, csg=530 psi, tbg=530 psi, blow down well, pumped 20 bbls down tbg, TIH, tag fill at 5465, blow around and clean out fill, cleaned out to plug at 5500', blow around, pumps sweeps, well making lots of fluid and medium sand, clean for 3 hours - well cleaning up in late afternoon, pump 5 bbl sweep, circ good - well looking clean, pull above perms, rig up flow back lines from tbg w/ 1/2" choke, secure well, shut down, travel to yard.
7/1/2002 00:00	Safety meeting, Blow well down, kill tbg with 20 b bls of 2% KCL. RIH with tbg. drift in , land tbg at 7448'. RD floor, NDBOP, NUWH, RU air unit to backside, unload well . Shut down air, RD equipment , rig down rig, move off. Last report.

ACCEPTED FOR RECORD

SEP 16 2002

BY