

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.  
NMSFC79294

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: YOLANDA PEREZ  
E-Mail: yolanda.perez@usa.conoco.com

8. Lease Name and Well No.  
SAN JUAN 28-7 UNIT 18

3. Address P. O. BOX 2197, DU 3084  
HOUSTON, TX 77252-2197 3a. Phone No. (include area code)  
Ph: 281.293.1613

9. API Well No.  
30-039-07289

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

At surface SWSW 990FSL 990FWL

At top prod interval reported below

At total depth

10. Field and Pool, or Exploratory  
BLANCO P.C. SOUTH

11. Sec., T., R., M., or Block and Survey  
or Area Sec 25 T28N R7W Mer NMP

12. County or Parish  
RIO ARriba 13. State  
NM

14. Date Spudded  
10/29/2054 15. Date T.D. Reached  
11/16/2054 16. Date Completed  
☐ D & A ☒ Ready to Prod.  
06/26/2001

17. Elevations (DF, KB, RT, GL)\*  
6166 DF

18. Total Depth: MD 5268 TVD 19. Plug Back T.D.: MD 5268 TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 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. (EBL)	Cement Top*	Amount Pulled
13.750	10.750	33.0		215		250			
8.750	7.000	23.0		4478		400			

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	4706							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Hoses	Perf. Status
A) BLANCO P. C. SOUTH	2838	2962	2838 TO 2962			
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
2838 TO 2962	FRAC W/220,000# BRADY SAND, 780 BBLs OF 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
06/28/2001	06/15/2001	24	→	0.0	616.0	0.0			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"	145	200.0	→					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 #7539 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

WVCOG

K

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.)  
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
FRUITLAND	2624	2855		FRUITLAND PCTURED CLIFFS CLIFFHOUSE MENELEE POINT LOOKOUT MANCOS	2624 2855 4455 4646 5093 5248

32. Additional remarks (include plugging procedure):

For further information, please refer to attached daily summary report.

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 #7539 Verified by the BLM Well Information System.  
For CONOCO INC., sent to the Farmington  
Committed to AFMSS for processing by Lucy Bee on 10/02/2001 ()

Name (please print) YOLANDA PEREZ Title COORDINATOR

Signature \_\_\_\_\_ (Electronic Submission) Date 10/01/2001

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

## Daily Summary

API 300390728900	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-28N-7W-25-M	NS Dist. (ft) 990.0	NS Flag S	EW Dist. (ft) 990.0	EW Flag W
KB Elev (ft) 6166.00	Ground Elev (ft) 6156.00	Plug Back Total Depth (ftKB) 5,268.0	Spud Date 10/29/1954	Rig Release Date	Latitude (DMS) 36° 37' 39.10"N	Longitude (DMS) 107° 31' 47.28" W	

Start	Ops This Rpt
6/4/2001	Check Psi on well 200# csg 200# tbg. Blow well to pit. ND Wellhead NU BOP's Tbg Stuck worked free. This is a open hole completions. Open hole seems to have Aprox. 200' of fill. TOOH w/ 83 Stands and a single. SDFN
6/5/2001	Check Psi on well 200# on csg. Blow well to pit. PU and RIH w/ 7" CIBP and 71 stands 2 3/8" tbg. Set CIBP @ 4420' Pumped 190 bbls Loaded hole w/ 2 % KCL. TOH w/ tbg. Psi tested csg to 2500# held ok. RU Blue Jet. PU and RIH w/ CBL. Found cmt to be good from 4400' to 3050' From 3050' to 2590 40% to 50% bonded and from 2590' to 1800' to be good. POH w/ CBL. Discussed log w/ Blue Jet. Ref. BJ CMT crew. Determined Bond was good enough for Frac. SWI SDFN
6/6/2001	Check Psi on well 0# on csg. RU Blue Jet. PU and RIH w/ 3 1/8" SF Perforating gun. Perforated PC from 2838' to 2962' w/ 1 SPF. Perforated FC from 2680' to 2745' w/ 1SPF. POOH w/ Perf gun. RD Blue jet. SDFN
6/7/2001	Stand By
6/8/2001	Stand By
6/9/2001	MIRU BJ Services and Stinger Well Head. Psi Test Lines to 4500#. Held ok ST. Load and Break down. Loaded well w/17 bbls 2% KCL. Broke @ 1720# St Ball off Drop 42 Bio-ball Sealers. Good Ball Action no ball out. SD wat on Bio-balls to dissolve. St Pre-Pad (Step Down) @ 22bbls/min 2600# Step to 16bbls/min @ 1700# Step to 13bbls/min @ 1400# step to 5bbls/min @ 800# ISIP 600# F.G. .66 5 min 540# 10 min 509# 15 min 490# 20 min 474# St. Pad @ 50 bbls/min (Foam Rate) 2750#. St. 50ppg sand @ 50bbls/min (FR)1750# St. 1ppg sand @ 50 bbls/min (FR) 2250# St. 2ppg sand @ 60 bbls/min (FR) 2200# St. 3ppg sand @ 60bbls/min (FR) 2200# St. 4ppg sand @ 60bbls/min (FR) 2100# St. Flush. Flush w/ 57 bbls gel. ISIP 1100# Total Sand Vol=220000# Total 1166889scf Total Fluid Vol=780bbls Avg Treating Psi=1200#. SWI F.D Stinger Well head and BJ Services
6/11/2001	Check Psi on well 1100# on csg. RU flow back line St. flowing back on 1/4" choke @ 10:00 am RL blooey line Check Psi on well @ 12:00 650# Making Hvy wtr. no sand 3:00pm 450# hvy. wtr. no sand 6:00pm 450# hvy wt. hvy sand. SDFN.
6/12/2001	Check Psi on well 850# on csg. Open well up on 1/4" Choke 7:30 am Check psi on well @ 10:00 am 450# hvy. wtr no sand. 12:00 300# hvy wtr. no sand. 3:00 pm 200# mod. wtr Lt. sand. 6:00 pm 110# Lt wtr Lt sand. Turned well over to dry watch.
6/13/2001	Check Psi on well 0#. PU and RIH w/ NC, SN and 88 jts 2 3/8" tbg St. air Mist and unloaded hole. TIH w/ 6 more jts. tbg. Broke Circ. w/ air mist Circ well for 4 hrs. Well making Hvy wtr. no sand. PUH to 2550' Let well flow Thur 1/2" choke for 1.5 hrs. csg psi 150#. SDFN
6/14/2001	Check psi on well 800# on csg. Blow well down thur 1/2" choke TIH w/ tbg. to 2900' Break Circ. w/ air mist. Circ. well for 4 hrs well making Lt fluid. TIH w/ 47 more jts tbg. tag sand @ 4905' Broke Circ. and C/O sand to top of CIBP set @ 4420 Circ. hole clean TOOH w/ tbg SDFN
6/15/2001	Check Psi on well 800# on csg. Blow well down thur 1/2" choke. TIH w/ tbg. to CIEP @ 4420' No new sand over night. Break Circ. w/ air mist Circ. well for 2hrs No sand no wtr. PUH to 2550' Flow well thur 1/2' choke for 4hrs. FTP. 145# FCP. 200# no wtr no oil. no sand Well makinf Approx. 850mcf/day. SDFN
6/18/2001	Stand-by Waiting on spinner logging tools
6/19/2001	Check psi on well 800# on csg. 800# on tbg. RIH w/ Spinner log. Log results as follows. Appox. 75% of gas production coming from the PC perms. @2838' to 2962' and the remianing 25% coming from the FC perms @ 2680' to 2754' Total gas vol. from both PC/FC = 800mcf/day. RD Schlumberger. PU and RIH w/ 6 1/4" MT bit, bit sub, X-over 6-3 1/2" DC's and 66jts 2 3/8" tbg. Tagged fill @ 4105' C/O sand to 4420' Well making Hvy. sand Circ. well for 2 hrs. PUH to 2500 SDFN
6/20/2001	Check psi on well 800# on tbg. 800# on csg. Blow well to pit. TIH w/ tbg. Tag sand @ 4310' 110' of sand over night. Broke Circ. w/ air mist C/O tp 4420'. Well making Hvy sand Circ. well for 4 hrs. Well seem to have cleaned up D/O CIBP. PUH to 2500 SDFN.
6/21/2001	Check psi on well 420# on tbg 420# on csg. Blow well to pit TIH w/ tbg. Tagged BP @ 4550' Broke circ w/ air mist. Made 100' of hole pipe stuck, worked pipe free. Circ. hole w/ air mist. Cleaned well up St drilling. made 30' of hole. plugged DC's. TOOH w/ tbg. and DC's. SDFN
6/22/2001	Check psi on well 400# on csg. Blow well to pit TIH w/ 6 1/4" bit X-over DC's and tbg. Tagged fill @ 4609' 70' of fill over night. Broke Circ. w/ air mist. C/O open hole to 4680' Circ. psi @ 1500# Circ. well for 3 hrs psi remained the same. Ran sweep. Circ. psi @ 650# C/O to 4705' Pipe stuck. worked pipe free TOOH to 2550' SDFN
6/25/2001	Check psi on csg 400#. Blow well to pit. TIH w/ tbg. tagged fill @ 4705' no new fill over night. Broke circ. w/ air mist. C/O fill to 4900' Stopped making hole. Run sweep hole seems to be clean. tryed making hole for 2 more hrs no progress. TOOH w/ tbg LD DC's and bit. Will land tbg in AM SDFN
6/26/2001	Check psi on well 400# on csg. Blow well to pit. PU and RIH w/ Halli. Pump out plug, SN and 152 jts 2 3/8" 4.7# J-55 eue 8 rd. tbg. Landed @ 4705.51' ( Landed 250' high, enable to C/O open hole) ND BOP's NU well head. Pumped out plug @ 1700#. RDMO (FINAL REPORT)