

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM035601a. 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 INCContact: DEBORAH MARBERRY
E-Mail: deborah.a.marberry@conoco.com8. Lease Name and Well No.
SAN JUAN 28-7 UNIT 99F3. Address PO BOX 2197, DU 3084
HOUSTON, TX 77252-21973a. Phone No. (include area code)
Ph: 281.293.10059. API Well No.
30-039-26897-00-C3

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

Sec 29 T27N R7W Mer NMP
At surface NWSE 1890FSL 2420FEL

At top prod interval reported below

At total depth

10. Field and Pool, or Exploratory
OTERO11. Sec., T., R., M., or Block and Survey
or Area Sec 29 T27N R7W Mer NMP12. County or Parish
RIO ARRIBA13. State
NM14. Date Spudded
03/13/200215. Date T.D. Reached
03/22/200216. Date Completed
☐ D & A ☒ Ready to Prod.
05/02/200217. Elevations (DF, KB, RT, GL)*
6649 GL18. Total Depth: MD 7502
TVD19. Plug Back T.D.: MD 7414
TVD20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL GR CCL22. 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	36.0	0	291		140		0	
8.750	7.000 J-55	20.0	0	3203		580		0	
6.250	4.500 J-55	11.0	0	7416		0		5130	

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	7318							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) CHACRA	3842	4068	3842 TO 4068		41	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3842 TO 4068	FRAC W/800 BBLs 25# LINEAR GEL, 97,500 LBS 20/40 S

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
10/01/2002	09/20/2002	24	→	0.0	367.0	0.0			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	250.0	→					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
			→						
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 #14819 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOCd

ACCEPTED FOR RECORD

OCT 08 2002

FARMINGTON FIELD OFFICE

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
SAN JOSE	0	926		OJO ALAMO	2208
NACIMIENTO	926	2099		KIRTLAND	2327
OJO ALAMO	2099	2278		FRUITLAND	2707
				PICTURED CLIFFS	2939
				MESAVERDE	3139
				CHACRA	3836
				CLIFF HOUSE	4608
				MENEFEE	4637
				POINT LOOKOUT	5224
				MANCOS	5524
				GALLUP	6355
				GREENHORN	7151
				DAKOTA	7249

32. Additional remarks (include plugging procedure):

This well is now a downhole trimming well in the Basin Dakota, Blanco Mesaverde and Otera Chacra. 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 #14819 Verified by the BLM Well Information System.

For CONOCO INC, sent to the Farmington

Committed to AFMSS for processing by Adrienne Garcia on 10/08/2002 (03AXG0074SE)

Name (please print) DEBORAH MARBERRY

Title SPECIALIST

Signature (Electronic Submission)

Date 10/07/2002

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 300392689700	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-27N-7W-29-J	N/S Dist. (ft) 1550.0	N/S Ref. S	E/W Dist. (ft) 220.0	E/W Ref. E
Ground Elevation (ft) 6649.00	Spud Date 3/13/2002	Rig Release Date 3/25/2002	Latitude (DMS) 36° 32' 26.71C8" N	Longitude (DMS) 107° 35' 48.156" W			

Start Date	Ops This Rpt
9/16/2002 00:00	MIRU AWS # 376 and all equipment. Held safety meeting. SITP: 280 psi. SICP: 300 psi. Bled well down. Nd tree. NU BOP. Set two way check and ressure tested BOP blind rams and pipe rams to 300 and 5000 psi. Retrieved two way check. TOH with 115 stands + single 2-3/8" tubing and SN. RU Blue Jet. RIH and set CIBP @ 4475'. Loaded and pressure tested casing and CIBP to 3800 psi, test OK. SWI-SDON.
9/17/2002 00:00	<p>RU Blue Jet. Perforate 4-1/2" casing in Chacra formation as follows: 4068-66-64-54-52-50-48-46-44-34-32-30-28-26-24-22-3938-36-34-32-30-28-20-18-16-14-12-10-08-3897-95-93-88-86-84-52-50-48-4 ? spf, 41 holes total. RD Blue Jet. RU BJ Services frac crew. Frac Chacra formation as follows: Capacities: 4-1/2" 10.50#/ft casing = .0159 bbls/lin.ft. Top perf: 3842 = 61.0 bbls Mid perf: 3955 = 62.9 bbls Bott perf: 4068 = 64.7 bbls</p> <p>CIBP @ 4475' Tested to 3800 psi. Held safety meeting. Pressure tested lines to 5211-5164 psi. Set pcg-off @ 3825 psi. Breakdown and Ball job: SICP: 0 psi. 14 bbls to load. Initial break 8.8 BPM 3019 @ psi. Increased rate to 20.8 BPM @ 1890 psi. Balls on formation: 21.2 BPM @ 2033 psi. Balled off to 3764 psi. Lacked 36 bbls having balls flushed. Got back on flush, 9 BPM @ 2000-3274-3300-3647-3870 and pop-off went off. Shut down and pressure dropped to 700 psi. Shut in. Broke out ball gun. Wait 1 hour. (128 bbls). Remove ball gun. Re-test lines to 5101-5013 psi. Cooled down N2. Pressure test N2 line. Reset pop-off @ 3800 psi. Step Rate Test: Initial rate : 40.3 BPM @ 3350 psi 1st step: 34.8 BPM @ 2811 psi 2nd step: 27.5 BPM @ 2093-2107 3rd step: 16 BPM @ 1153 psi. ISIP: 560 psi FG=58 psi/ft 13 min 62 psi. Frac Job: Pad: fl rt 17.5 BPM @ 2657 psi, fm rt 48.2 BPM (64 Q) (166.3 bbls) ? ppg: fl rt 18.8 BPM @ 2673 psi, fm rt 50 BPM (64.6 Q) sand on form, 2613 psi (108bbls) 1 ppg: fl rt 19.7 BPM @ 2613 psi, fm rt 50 BPM (64.6 Q) sand on form 2600 psi (234.5bbls) 2 ppg: fl rt 21.1 BPM @ 2574 psi, fm rt 50.8 BPM (65.9 Q) sand on form 2566 psi (371 bbls) Flush: 21.5 BPM @ 2478 - 1810 psi (57 Q) (24 bbls) ISIP: 1440 psi. 5 min: 1400 Max: 2935 Min: 2028 Avg: AIR: 49.5 (fm rt) Frac'd with 800 bbls 25# linear gel foamed to 65Q + 97,500 lbs 20/40 sand ? ppg-2 ppg.</p> <p>SWI-SDON.</p>
9/18/2002 00:00	SICP: 1050 psi. Opened well to pit on a 1/4" choke. Flowed well to pit for 14 hrs to pit. FCP: 1050-660 making small amount of sand, water, and foam. Built blooey line and hooked air equipment. Left well flowing to pit overnight.
9/19/2002 00:00	FCP 150# thur 1/4" choke. Blow well to pit. PU and RIH w/ 3 7/8" MT bit, Bit sib w/ float, 6 -3 1/16" DC's, X- over and 68 stands 2 3/8" tbg. Tag sand @ 4225' Break circ. w/ 1100 scf air and 10 bph mist rate w/ 2gals soap/15bbls wtr. R and R pipe for 3 hrs. Well seems to be clean returns show very lt sand. C/O to 4475' (top of BP). Circ hole claeen PUH to 3746' SWI SDFN.
9/20/2002 00:00	SICP 640# Blow well to pit. TIH w/ 12 stands tbg. tag sand @ 4470'. 5' of fill overnight. Break Circ. w/ 1100scf air and 10bph mist rate. R and R pipe for 4 hrs. Returns, wtr and no sand. PUH to 3746' Test CHA. perfs from 3842' to 4068' for 4 hrs. Final PSI was 250# on 1/4" Choke, no wtr and no oil. Test witnessed By Cersencio Hernandez. AWS #376. SWI SDFWE
9/23/2002 00:00	MCM, 9/23/2002. 59 hr SICP: 630 psi. Held safety meeting. Bled well down. TOH with tubing and DC's. TIH with open ended tubing to 3740'. RU ProTechnics. Ran spinner survey form 4200'-3760', made 7 passes. Spinner survey showed flow coming from perfs 3842'-3928' (uncorrected depths). No flow coming from any pafs below 3928'. RD ProTechnics. TOH w/2-3/8" tubing. TIH with BHA and tubing to 3758'. SWI-SDON.
9/24/2002 00:00	MCM, 9/24/2002. 14 hr SICP: 590 psi. Held safety meeting. Bled well down. TIH and tagged @ 4465', 10' fill on CIBP. Broke circ and cleaned out sand from 4465'-4475'. Drilled CIBP from 4475'-4477' in 1-1/2 hrs. Circ'd hole for 1 hr. Continued TIH and tagged @ 7362'. Built mist and broke circ. Cleaned out from 7362'-7400'. Circ'd well clean. PUH to 3754'. SWI-SDON.
9/25/2002 00:00	MCM, 9/25/2002. SICP: 600 psi. Held safety meeting. Bled well down. Finished TOH. LD DC's and bit. TIH with 2-3/8" pump out plug and new 2-3/8" SN + 231 jts 2-3/8" 4.7#/ft J55 8rd EUE tubing. Landed tubing @ 7318.0'. ND BOP. NU tree. Pumped out pumpout plug with 1650 psi air pressure. Flowed well to pit for 1 hour to pit. Shut well in. RD and prep to move out. FINAL REPORT. CONTACTED DANNY ROBERTS UPON COMPLETION OF WORKOVER.