

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-104  
Revised July 28, 2000

Submit to Appropriate District Office

5 Copies

☐ AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address CONOCO, INC. P.O. BOX 2197 DU 3084 HOUSTON TX 77252		<sup>2</sup> OGRID Number 005073
		<sup>3</sup> Reason for Filing Code/ Effective Date
<sup>4</sup> API Number 30-039-21083	<sup>5</sup> Pool Name Blanco Mesaverde	<sup>6</sup> Pool Code 72319
<sup>7</sup> Property Code 016608	<sup>8</sup> Property Name San Juan 28-7 Unit	<sup>9</sup> Well Number 244

**II. <sup>10</sup> Surface Location**

UL or lot no. M	Section 7	Township 27N	Range 7W	Lot.Idn	Feet from the 1090	North/South Line south	Feet from the 990	East/West line west	County Rio Arriba
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**<sup>11</sup> Bottom Hole Location**

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Lse Code	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
009018	GIANT REFINERY BLOOMFIELD, NM			
151618	EPFS BLOOMFIELD, NM			

**IV. Produced Water**

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description
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**V. Well Completion Data**

<sup>25</sup> Spud Date 12/12/1992	<sup>26</sup> Ready Date 05/31/2002	<sup>27</sup> TD 7588	<sup>28</sup> PBTD 7587	<sup>29</sup> Perforations 5068 - 5386	<sup>30</sup> DHC, MC DHC #2995
<sup>31</sup> Hole Size	<sup>32</sup> Casing & Tubing Size	<sup>33</sup> Depth Set	<sup>34</sup> Sacks Cement		
13.75	9.625	213			
8.75	7	3248			
6.25	4.5	7588			

**VI. Well Test Data**

<sup>35</sup> Date New Oil 05/23/2002	<sup>36</sup> Gas Delivery Date 05/31/2002	<sup>37</sup> Test Date 05/23/2002	<sup>38</sup> Test Length 24	<sup>39</sup> Tbg. Pressure 125	<sup>40</sup> Csg. Pressure 300
<sup>41</sup> Choke Size 1/2	<sup>42</sup> Oil 2	<sup>43</sup> Water 25	<sup>44</sup> Gas 495	<sup>45</sup> AOF	<sup>46</sup> Test Method

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Deborah Marberry*

Printed name: DEBORAH MARBERRY

Title: REGULATORY ANALYST

Date: 05/31/2002

Phone: (281)293-1005

**OIL CONSERVATION DIVISION**

Approved by:

Title:

Approval Date:

JUN 1

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

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 SWSW 1090FSL 990FWL  
At top prod interval reported below  
At total depth

5. Lease Serial No.  
NMSF 078835-A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
SAN JUAN 28-7 UNIT 244

9. API Well No.  
30-039-21083

10. Field and Pool, or Exploratory  
BLANCO MESAVERDE

11. Sec., T., R., M., or Block and Survey  
or Area Sec 7 T27N R7W Mer NMP

12. County or Parish  
RIO ARRIBA 13. State  
NM

14. Date Spudded  
05/27/1975 15. Date T.D. Reached  
07/21/1975 16. Date Completed  
☐ D & A ☒ Ready to Prod.  
05/23/2002

17. Elevations (DF, KB, RT, GL)\*  
6625 GL

18. Total Depth: MD 7588  
TVD 19. Plug Back T.D.: MD 7587  
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. (BBL)	Cement Top*	Amount Pulled
13.750	9.625 K-55	32.0		213		224		0	
8.750	7.000 K-55	20.0		3248		256		2200	
6.250	4.500 K-55	11.0		7558		669		2850	

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	7352							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLANCO MESAVERDE	5068	5386	5068 TO 5386		44	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5068 TO 5386	FRAC W/4830 BBLs SLICKWATER, 137,000# 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
05/31/2002	05/23/2002	24	→	2.0	495.0	25.0			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	125	300.0	→					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
			→						ACCEPTED FOR RECORD
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						JUL 05 2002

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #11975 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

FARMINGTON FIELD OFFICE

BY

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
				CHACRA	3965
				MESAVERDE	4679
				POINT LOOKOUT	5273
				GALLUP	6450
				GREENHORN	7213
				GRANEROS	7273
				DAKOTA	7402

## 32. Additional remarks (include plugging procedure):

This well is now a downhole trimingle well in the Otero Chacra, Blanco Mesaverde and Basin Dakota.

## 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 #11975 Verified by the BLM Well Information System.  
For CONOCO INC., sent to the Farmington  
Committed to AFMSS for processing by Jim Lovato on 07/02/2002 ()

Name (please print) DEBORAH MARBERRYTitle SUBMITTING CONTACT

Signature \_\_\_\_\_ (Electronic Submission)

Date 06/11/2002

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	County	State/Province	Surface Legal Location	NS Dist. (ft)	NS Flag	EW Dist. (ft)	EW Flag
300392108300	RIO ARRIBA	NEW MEXICO	NMPM-27N-7W-7-M	1090.0	S	990.0	W
Ground Elev (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)			
6625.00	5/27/1975	5/31/2002	36° 35' 0.132" N	107° 37' 15.96" W			

Start	Ops This Rpt
5/1/2002	Held safety meeting, got rig running, drove rig to location, spot in rig - equipment, help pumper catch piston, rig up pump and pit, take psi's tubing = 160lbs, casing = 180lbs, blow well down, take wellhead off, nipple up bop's, rig up wood group, test bop's - okay, rig down wood group, work donut loose, pick up 3 joints and tag bottom - 7550', pull out of hole strapping tubing - 237 joints - 7478', close in well and shut down.
5/2/2002	Held safety meeting, check well - 300lbs, blow down, spot in wireline truck - pick up wireline, held safety meeting, set cibp at 5400', load well with 2% Kcl water - pick up and run pkr 1 joint and test to 3500psi - good test, pull pkr and rig up wireline - perforate menefee formation 5068' - 5080', 5100' - 5112', 5170' - 5178', and point lookout formation 5306' - 5318', 5332' - 5358', 5376' - 6386, total holes = 44, shots per foot = .5, 3 1/8" guns - 90 degree select fire w/12g 306T charges @ 0.34" dia, rig up frac valve on bop's, close in well and shut down.
5/3/2002	Held safety meeting with all companies, spot in BJ - stinger - blue jet, rig up to frac, held pre frac safety meeting, frac the point lookout/menefee as per recommended treatment schedule with slick water, test line to 4700psi, set pop off 3140psi, fill hole - break down at 2570psi - 7.5 bpm, establish rate - 20.5 bpm - 2300psi, drop 53 balls, psi up to max several times but no ball off, retrieve 49 balls with wireline junk basket, rig back up stinger & bj, retest to 4500psi, pop off to 3100psi, st pre pad 33.5 bpm - 2850, drop rt 26 bpm - 1800psi, drop rt 17 bpm - 1030psi, drop rt to 14 bpm - 900psi, shut down - isip=400 -0, st pad 61.5 bpm 2700, .5# sand 2650 61.5 bpm, 1# - 2550psi - 50 bpm, 1.5# sand 2650psi - 45 bpm, displacement at 51 bpm 2750 - soft shut in, isip 785psi, fluid to recover = 4830 bbls slickwater - sand pumped = 137,000lbs 20/40, min treat psi=1381psi, max treat psi=3062psi, avge treat psi=2607psi, complete treatment report to be sent by BJ to conoco houston asap, close in well, rig down stinger, rig up wireline and go in hole, set cibp at 4500', test with pkr 1 joint in hole to 3500psi - okay, rig up wireline and perf the lower chacra at 4258' - 4264', 4312' - 4318', 4358' - 4364', 4398' - 4404', 4434' - 4444', 4452' - 4462' - .5 holes per foot - 28 holes total, shot with 3 1/8" guns, 90 degree select fire w/ 12g 306T charges @ 0.34" dia., close in well, shut down
5/6/2002	Held safety meeting for all service companies, rig up stinger, spot Blue jet, spot in and rig up BJ, held safety meeting for 2 stages of N2 foam frac on the lower and upper chacra, test lines to 4500psi, pop off to 3120lbs, break down the LOWER CHACRA for foam frac. - 2000lbs - 33 bpm 15% Hcl acid with 34 balls, no ball off - good breaks, run wireline junk basket - retrieve 31 balls, retest-4550psi, pop off to 3150, st pre-pad - 23 bpm - 1670psi, drop rt 17bpm - 1300psi, drop rt -13 bpm 1050, drop rt-8 bpm - 900psi, isip=775, 5 min=752lbs, 10 min=751lbs, 15 min=743lbs, 20 min=737lbs, 25 min=733lbs, 30 min=730lbs, pump pad foam rate of 40 bpm & 2500psi ( ALL JOB AT 65Q FOAM), st #1 1.0#sand-2500psi - 40bpm, st #2 2#sand-2450psi - 40 bpm, st 3 3# sand-2370psi-40bpm, flush 30 bpm - 1900psi, isip=883psi, 5 min=833psi, total fluid to recover 941bbls linear gel, N2 pumped 8532, sand 113,000lbs 20/40, full report to be sent to CONOCO houston by BJ, stinger off wellhead, rig blue jet - set cibp at 4210', test with pkr to 3500psi, perf the UPPER CHACRA 3944' - 3950', 3990' - 4000', 4018' - 4026', 4118' - 4144', 4176' - 4182', 33 holes .5 spf r/d blue jet, r/u stinger, safety meeting b4 foam frac.test lines - 4450, pop off - 3150, b/d 1800psi and 22 bpm, go to acid - drop 40 balls, went to 3100psi, isip=780lbs, off well, r/u wireline, run j/b and retri 39 balls, rig to well head w/stinger-BJ, test lines -4500, pop off - 3200, pump pre pad at 30 bpm & 1830psi, drop rt - 22 bpm - 1250psi, drop rt - 18 bpm - 1100psi, drop rt 11 bpm - 880 psi, isip=704psi, 5 min=680, 10 min=671, 15 min=665, 20 min=661, 25 min=656, 30 min=652, rest of job 65Qfoam, pad 2270psi 40 bpm, 1#sand - 40bpm-2300psi, 2# sand-40bpm-2200psi, 3# sand - = 40bpm-2250psi sand belt stopped, 80 of 135k in,flush 40bpm 2200psi, isip=1470psi, shut in, post safety meeting,report sent CONOCO HOUSTON. pumped - fluid 910bbl, N2 9890, sand 140K
5/7/2002	Held safety meeting, check well - 1200lbs, rig up 2" blooie line to pit, open through 1/8" chock, flow back rest of day with well making N2 and water, at 4:00 PM change over to 1/4" choke to flow back over night.
5/8/2002	Held safety meeting, check well - 500psi after flowing overnight, took out 2 loads water overnight, roustabout crew on location this morning, shut in well and rig up 6" blooie line and gas compressors, keep flowing back on 1/4" choke with well making lots of water - take out 2 more loads today, cannot get gas from EPFS till next morning, will continue to flow today and overnight on 1/4" choke.
5/9/2002	Held safety meeting, check well - still flowing at 120lbs through 1/4" choke, open well on 2" to blow down well, kill well and trip in hole with 132 joints and tag fill at 4164' ( bottom perf-4182') (cibp-4210'), standby waiting on EPFS to change line plate in meter house and deliver drill gas, lost 4 1/2 hours, got equipment running and clean out to cibp at 4210' (44'), pump soap sweeps, pull up to 3839' (122 joints left in hole), close in well and shut down.
5/10/2002	Held safety meeting, check well psi's, tubing = 600lbs, casing=540lbs, blowdown well, kill and go in hole - tag up at 4195', clean out to 4210' - cibp, drill out plug and clean out to 4500' with gas and soap sweeps, blow on well gas compressors and pump soap sweeps, pull above perforations to 3839', close in well and shut down.
5/13/2002	Held safety meeting, check well - tubing 800lbs, casing=760lbs, blow down well and trip in hole and tag at 4460' (30' fill), rig up gas comps and unload well, cleanup fill to cibp at 4500', stay there rest of the day pumping soap sweeps every hour to clean sand, pull above perms, left in well 122 joints (3839'), close in well and shut down.

## Daily Summary

API 300392108300	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-27N-7W-7-M	NS Dist. (ft) 1090.0	NS Flag S	EW Dist. (ft) 990.0	EW Flag W
Ground Elev (ft) 6625.00	Spud Date 5/27/1975	Rig Release Date 5/31/2002	Latitude (DMS) 36° 35' 0.132" N	Longitude (DMS) 107° 37' 15.96" W			

Start	Ops This Rpt
5/14/2002	Held safety meeting, check well for psi's, tubing 680lbs - casing 700lbs, blow down well, INSTALL 1/2" CHOKE begin 4 HOUR FLOW TEST of the upper chacra (perfs=3944'-3950', 3990'-4000', 4018'-4026', 4118'-4144', 4176'-4182' 33 holes) together with the lower chacra (perfs=4258'-4264', 4312'-4318', 4358'-4364', 4398'-4404', 4434'-4444', 4452'-4462', TUBING SET - 3839', tubing psi built up to 50 psi - times factor of 6.6 = 330 MCFGPD, casing buildup was 180 psi, well making 5 bbl WATER per day, trace of OIL per day, no SAND, witnessed by victor barrios and lorenzo acosta, test over, take out choke, kill tubing, go in hole and found 15' of sand on cibp, rig up gas compressors and power swivel, clean sand off cibp, drill out cibp at 4500' (3 1/2 hours), well now loading up with water and sand from menefee/point lookout, stay there until cleaned up, pumping soap sweeps, lay down power swivel, pull above perfs to 3596', close in well and shut down.
5/15/2002	Held safety meeting, check well for psi's, tubing = 760lbs, casing = 800lbs, blow well down, kill tubing and casing, take blooie line down, try to strip flow "T". had incident, close well in called for emergency care, drove injured man toward town to meet emt, went back to location - investigation was held, traveled to town for crew to take drug test.
5/16/2002	Held safety meeting, take psi's - tubing=760psi, casing=800psi, rig up and blow down. before changing flow "T" held another safety meeting, kill well, pull "T" off, rig up new flow "T" and flow lines, change out stripping rubber and go in hole tag fill at 5362' with 170 joints, rig up power swivel and gas compressors, unload hole and clean out to cibp at 5393' ( had 31' fill ), stay there rest of the day with well unloading lots water & sand - trace of oil, pump soap sweeps every hour, lay down power swivel and pull above perfs to 3786' ( 120 joints in), close in well and shut down
5/17/2002	Held safety meeting, check wellpsi's - tubing=760psi, casing=800psi, blow well down, kill tubing, trip in hole - tag at 5368' (25' fill), rig up gas compressors, unload well - well making water/sand, clean out down to cibp, stay ther rest of the day pumping soap sweeps every hour, well making lots water and sand, some oil by looks of the flare, decide to wait another day to run spinner survey, pull above perfs to 3687' (120 joints in), close in well for weekend, coll off hot spots, shut down.
5/20/2002	Held safety meeting, check well for psi's - tubing = 740lbs, casing = 800lbs, blow down well - kill tubing, trip in hole - tag fill at 5381' (12'), rig up gas compressors, unload well and clean out fill, pump soap sweeps every hour, well making too much water for 4 hour test, flow rest of the day, pull to 4680' and rig up tubing to flow well open on 2" over night.
5/21/2002	Held safety meeting, check well psi's - tubing= 36lbs, casing=320lbs, blow down well, kill tubing and go in hole, found 25' of fill, rig up gas compressors, unload well - clean up fill - pump soap sweep, wind to blow at 50 mph in afternoon - so pull up to 4680' and rig flow line from tubing to flare pit, wind blowing as expected, let well flow on own rest of the day, have flowback people to let well continue flowing for clean up over night.
5/22/2002	Held safety meeting, check well after flowing open 2" overnight, tubing= 30lbs, casing=280lbs, blow down , kill tubing, go in hole and tag - had 15' of fill from overnight, rig up gas compressors - unload well, clean out fill, sand/water, pumping soap sweep every hour, well making water 30/40 bbl per day with trace oil in flare, at 12:30 pull to 4680' and rig hard line to flow overnight, at 1:30 pm crew went to town for the accident investigation/root cause about 5/15/02 incident. flow back crew on location for afternoon/overnight flowback with well on open 2" line.
5/23/2002	Held safety meeting, check well for psi's after flowing overnight, tubing=30lbs, casing=280lbs, blow down and go in hole - tag up - had 20' of fill, rig up gas compressors and clean out sand fill to cibp, pump sweep to clean hole and dry up, let tubing blow down, pull tubing to 4680' and rig for test. HELD 4 HOUR TEST OF THE MENEFEE/POINT LOOKOUT ON 1/2" CHOKE, TUBING SET AT 4680', OPEN PERFS ARE MENEFEE 5068'-5080' - 7 holes, 5100'-5112' - 7 holes, 5170'-5178' - 5 hloes, 5256'-5270' - 8 holes, (27 total holes) POINT LOOKOUT 5306'-5318' - 7 holes, 5352'-5358' - 4 holes, 5376'-5386' - 6 holes, (17 holes) AFTER 4 HOURS WELL STABILIZED - CASING = 300PSI, TUBING = 125 PSI, times factor of 6.6 = 825MCFGPD minus the Chacra test (5/13/2)of 330MCFGPD = 495MCFGPD for the menefee/point lookout, WATER 25 bpd, SAND trace, OIL trace 2/5bpd, witnessed by joe balkus and victor barrios, blow well down and go in hole - tagged up - 12' of new sand above cibp since test started, rig up power swivel/gas compressors and clean out sand to cibp, drill out cibp - pump soap sweep, lay down power swivel, pull 3 stands, close in well, shut down.
5/24/2002	Held safety meeting, check well psi's, tubing=500lbs, casing=600psi, blow down and go hole to tag at 7542', rig up power swivel - unload well and clean out to pbtd, stay there rest of the day pumping soap sweeps every hour getting back lots of water, lay down power swivel and pull tubing to 4680', rig up 2" line to flow well over weekend for final clean up.
5/28/2002	Held safety meeting, check well after flowing on open 2" over weekend - tubing=18lbs, casing=180lbs, blow well down, trip out of hole, lay down metal muncher and pick up mule shoe and seating nipple, go in hole and tag up, found 32' of new fill, rig up gas compressors and unload hole - lots of water, clean out fill to pbtd, circulate clean with soap sweeps, well making sand/water-15/20 bpd (bucket test showed 1-2 cups fine sand), pull up to 7302', close in well and shut for night.

## Daily Summary

API	300392108300	County	RIO ARRIBA	State/Province	NEW MEXICO	Surface Legal Location	NMPM-27N-7W-7-M	NS Dist. (ft)	1090.0	NS Flag	S	EW Dist. (ft)	990.0	EW Flag	W
Ground Elev (ft)	6625.00	Spud Date	5/27/1975	Rig Release Date	5/31/2002	Latitude (DMS)	36° 35' 0.132" N	Longitude (DMS)	107° 37' 15.96" W						

Start	Ops This Rpt
5/29/2002	Held safety meeting, check well for psi's, casing=500lbs, tubing=400lbs, blow down well, go to pbtd and found 12' of new fill from overnight, rig up gas compressors and clean out to bottom, run sweep, blow with gas compressors to 12 noon, pull tubing up to 3740' for spinner survey, held safety meeting, rig up computalog to go through tubing flowing to pit with 1/2" CHOKE for production log, run spinner survey / fluid density / temperature / pressure / gamma ray, log across dakota, point lookout, menefee, upper and lower chakra, after 4 hours during logging tubing perssure stablized at 140lbs times factor of 6.6 = 924 MCFGPD, (4 hour test on menefee / point lookout - upper/lower chakra was 825 MCFGPD) -- leaves the dakota with approximately 99 MCFGPD, rig down computalog, close in well and shut down.
5/30/2002	computalog will have production data processed and sent to conoco houston asap Held safety meeting, check well for psi's - tubing=400lbs, casing=500lbs, blow well down, kill tubing, trip in hole from 3830' to and tag up, found 10' of fill, rig up gas compressors - unload well - clean out fill - pump sweep every hour to 1:00 pm, let tubing blow down - pull to 7352' (total tubing +seating nipple/mule shoe=7353.5'), land donut, rig up down bop's, rig up well head, take 6" and 2" blooie lines down, got gas compressors ready to move, rig down pump and pit, clean up location, rig down, brakes will need to be fixed before rig will go to yard for repairs for 2/3 days

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

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

2. Name of Operator  
CONOCO INC. Contact: DEBORAH MARRBERRY  
E-Mail: deborah.marrberry@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 SWSW 1090FSL 990FWL  
At top prod interval reported below  
At total depth

5. Lease Serial No.  
NMSF 078835-A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
SAN JUAN 28-7 UNIT 244

9. API Well No.  
30-039-21083

10. Field and Pool, or Exploratory  
OTERO CHACRA

11. Sec., T., R., M., or Block and Survey  
or Area Sec 7 T27N R7W Mer NMP

12. County or Parish  
RIO ARRIBA 13. State  
NM

14. Date Spudded  
05/27/1975 15. Date T.D. Reached  
07/21/1975 16. Date Completed  
☐ D & A ☒ Ready to Prod.  
05/23/2002

17. Elevations (DF, KB, RT, GL)\*  
6625 GL

18. Total Depth: MD  
TVD 7588 19. Plug Back T.D.: MD  
TVD 7587 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. (BBL)	Cement Top*	Amount Pulled
13.750	9.625 K-55	32.0		213		224		0	
8.750	7.000 K-55	20.0		3248		256		2200	
6.250	4.500 K-55	11.0		7558		669		2850	

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	7352							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) OTERO CHACRA	3944	4462	4258 TO 4462		28	OPEN
B)			3944 TO 4182		33	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
4258 TO 4462	FRAC W 941 BBLs LINEAR GEL, N2 PUMPED 8532, 113,000# 20/40 SAND
3944 TO 4182	FRAC W/910 BBL FLUID, N2 9890, 140,000# 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
05/31/2002	05/14/2002	24	→	1.0	330.0	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	50	180.0	→					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
			→						JUL 05 2002
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	SI		→					FARMINGTON FIELD OFFICE	
								BY	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #11973 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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
				CHACRA MESAVERDE POINT LOOKOUT GALLUP GREENHORN GRANEROS DAKOTA	3965 4679 5273 6450 7213 7273 7402

## 32. Additional remarks (include plugging procedure):

This well is now a downhole trimingle well in the Otero Chacra, 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 #11973 Verified by the BLM Well Information System.  
For CONOCO INC., sent to the Farmington  
Committed to AFMSS for processing by Jim Lovato on 07/02/2002 ()

Name (please print) DEBORAH MARBERRYTitle SUBMITTING CONTACTSignature (Electronic Submission)Date 06/11/2002

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	300392108300	County	RIO ARRIBA	State/Province	NEW MEXICO	Surface Legal Location	NMPM-27N-7W-7-M	NS Dist. (ft)	1090.0	NS Flag	S	EW Dist. (ft)	990.0	EW Flag	W
Ground Elev (ft)	6625.00	Spud Date	5/27/1975	Rig Release Date	5/31/2002	Latitude (DMS)	36° 35' 0.132" N	Longitude (DMS)		107° 37' 15.96" W					

Start	Ops This Rpt
5/1/2002	Held safety meeting, got rig running, drove rig to location, spot in rig - equipment, help pumper catch piston, rig up pump and pit, take psi's tubing = 160lbs, casing = 180lbs, blow well down, take wellhead off, nipple up bop's, rig up wood group, test bop's - okay, rig down wood group, work donut loose, pick up 3 joints and tag bottom - 7550', pull out of hole strapping tubing - 237 joints - 7478', close in well and shut down.
5/2/2002	Held safety meeting, check well - 300lbs, blow down, spot in wireline truck - pick up wireline, held safety meeting, set cibp at 5400', load well with 2% Kcl water - pick up and run pkr 1 joint and test to 3500psi - good test, pull pkr and rig up wireline - perforate menefee formation 5068' - 5080', 5100' - 5112', 5170' - 5178', and point lookout formation 5306' - 5318', 5332' - 5358', 5376' - 6386, total holes = 44, shots per feet = .5, 3 1/8" guns - 90 degree select fire w/12g 306T charges @ 0.34" dia, rig up frac valve on bop's, close in well and shut down.
5/3/2002	Held safety meeting with all companies, spot in BJ - stinger - blue jet, rig up to frac, held pre frac safety meeting, frac the point lookout/menefee as per recommended treatment schedule with slick water, test line to 4700psi, set pop off 3140psi, fill hole - break down at 2570psi - 7.5 bpm, establish rate - 20.5 bpm - 2300psi, drop 53 balls, psi up to max several times but no ball off, retrieve 49 balls with wireline junk basket, rig back up stinger & bj, retest to 4500psi, pop off to 3100psi, st pre pad 33.5 bpm - 2850, drop rt 26 bpm - 1800psi, drop rt 17 bpm -1030psi, drop rt to 14 bpm - 900psi, shut down - isip=400 -0, st pad 61.5 bpm2700, .5# sand 2650 61.5 bpm, 1# - 2550psi - 50 bpm, 1.5# sand 2650psi - 45 bpm, displacement at 51 bpm 2750 - soft shut in, isip 785psi, fluid to recover = 4830 bbls slickwater -- sand pumped = 137,000lbs 20/40, min treat psi=1381psi, max treat psi=3062psi, avge treat psi=2607psi, complete treatment report to be sent by BJ to conoco houston asap, close in well, rig down stinger, rig up wireline and go in hole, set cibp at 4500', test with pkr 1 joint in hole to 3500psi - okay, rig up wireline and perf the lower chacra at 4258' - 4264', 4312' - 4318', 4358' - 4364', 4398' - 4404', 4434' - 4444', 4452' - 4462' - .5 holes per feet - 28 holes total, shot with 3 1/8" guns, 90 degree select fire w/ 12g 306T charges @ 0.34" dia., close in well, shut down
5/6/2002	Held safety meeting for all service companies, rig up stinger, spot Blue jet, spot in and rig up BJ, held safety meeting for 2 stages of N2 foam frac on the lower and upper chacra, test lines to 4500psi, pop off to 3120lbs, break down the LOWER CHACRA for foam frac. - 2000lbs - 33 bpm 15% Hcl acid with 34 balls, no ball off - good breaks, run wireline junk basket - retrieve 31 balls, retest-4550psi, pop off to 3150, st pre-pad - 23 bpm - 1670psi, drop rt 17bpm - 1300psi, drop rt -13 bpm1050, drop rt-8 bpm - 900psi, isip=775, 5 min=752lbs, 10 min=751lbs, 15 min=743lbs, 20 min=737lbs, 25 min=733lbs, 30 min=730lbs, pump pad foam rate of 40 bpm & 2500psi ( ALL JOB AT 65Q FOAM), st #1 1.0#sand-2500psi - 40bpm, st #2 2#sand-2450psi - 40 bpm, st 3 3# sand-2370psi-40bpm, flush 30 bpm - 1900psi, isip=883psi, 5 min=833psi, total fluid to recover 941bbls linear gel, N2 pumped 8532, sand 113,000lbs 20/40, full report to be sent to CONOCO houston by BJ, stinger off wellhead, rig blue jet - set cibp at 4210', test with pkr to 3500psi, perf the UPPER CHACRA 3944' - 3950', 3990' - 4000', 4018' - 4026', 4118' - 4144', 4176' - 4182', 33 holes .5 spf r/d blue jet, r/u stinger, safety meeting b4 foam frac.test lines - 4450, pop off - 3150, b/d 1800psi and 22 bpm, go to acid - drop 40 balls, went to 3100psi, isip=780lbs, off well, r/u wireline, run j/b and retri 39 balls, rig to well head w/stinger-BJ, test lines -4500, pop off - 3200, pump pre pad at 30 bpm & 1830psi, drop rt - 22 bpm - 1250psi, drop rt - 18 bpm - 1100psi, drop rt 11 bpm - 880 psi, isip=704psi,5 min=680,10 min=671, 15 min=665, 20 min=661, 25 min=656, 30 min=652, rest of job 65Qfoam, pad 2270psi 40 bpm, 1#sand - 40bpm-2300psi, 2# sand-40bpm-2200psi, 3# sand - 40bpm-2250psi sand belt stopped, 80 of 135k in,flush 40bpm 2200psi, isip=1470psi, shut in, post safety meeting,report sent CONOCO HOUSTON. pumped - fluid 910bbl, N2 9890, sand 140K
5/7/2002	Held safety meeting, check well - 1200lbs, rig up 2" blooie line to pit, open through 1/8" choke, flow back rest of day with well making N2 and water, at 4:00 PM change over to 1/4" choke to flow back over night.
5/8/2002	Held safety meeting, check well - 500psi after flowing overnight, took out 2 loads water overnight, roustabout crew on location this morning, shut in well and rig up 6" blooie line and gas compressors, keep flowing back on 1/4" choke with well making lots of water - take out 2 more loads today, cannot get gas from EPFS till next morning, will continue to flow today and overnight on 1/4" choke.
5/9/2002	Held safety meeting, check well - still flowing at 120lbs through 1/4" choke, open well on 2" to blow down well, kill well and trip in hole with 132 joints and tag fill at 4164' ( bottom perf-4182') (cibp-4210'), standby waiting on EPFS to change line plate in meter house and deliver drill gas, lost 4 1/2 hours, got equipment running and clean out to cibp at 4210' (44'), pump soap sweeps, pull up to 3839' (122 joints left in hole), close in well and shut down.
5/10/2002	Held safety meeting, check well psi's, tubing = 600lbs, casing540lbs, blowdown well, kill and go in hole - tag up at 4195', clean out to 4210' - cibp, drill out plug and clean out to 4500' with gas and soap sweeps, blow on well gas compressors and pump soap sweeps, pull above perforations to 3839', close in well and shut down.
5/13/2002	Held safety meeting, check well - tubing 800lbs, casing=760lbs, blow down well and trip in hole and tag at 4460' (30' fill), rig up gas comps and unload well, cleanup fill to cibp at 4500', stay there rest of the day pumping soap sweeps every hour to clean sand, pull above perfs, left in well 122 joints (3839'), close in well and shut down.

## Daily Summary

API	County	State/Province	Surface Legal Location	NS Dist. (ft)	NS Flag	EW Dist. (ft)	EW Flag
300392108300	RIO ARRIBA	NEW MEXICO	NMPM-27N-7W-7-M	1090.0	S	990.0	W
Ground Elev (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)			
6625.00	5/27/1975	5/31/2002	36° 35' 0.132" N	107° 37' 15.96" W			

Start	Ops This Rpt
5/14/2002	Held safety meeting, check well for psi's, tubing 680lbs - casing 700lbs, blow down well, INSTALL 1/2" CHOKE begin 4 HOUR FLOW TEST of the upper chakra (perms=3944'-3950', 3990'-4000', 4018'-4026', 4118'-4144', 4176'-4182' 33 holes) together with the lower chakra (perms=4258'-4264', 4312'-4318', 4358'-4364', 4398'-4404', 4434'-4444', 4452'-4462', TUBING SET - 3839', tubing psi built up to 50 psi - times factor of 6.6 = 330 MCFGPD, casing buildup was 180 psi, well making 5 bbl WATER per day, trace of OIL per day, no SAND, witnessed by victor barrios and lorenzo acosta, test over, take out choke, kill tubing, go in hole and found 15' of sand on cibp, rig up gas compressors and power swivel, clean sand off cibp, drill out cibp at 4500' (3 1/2 hours), well now loading up with water and sand from menefee/point lookout, stay there until cleaned up, pumping soap sweeps, lay down power swivel, pull above perms to 3596', close in well and shut down.
5/15/2002	Held safety meeting, check well for psi's, tubing = 760lbs, casing = 800lbs, blow well down, kill tubing and casing, take blooie line down, try to strip flow "T". had incident, close well in called for emergency care, drove injured man toward town to meet emt, went back to location - investigation was held, traveled to town for crew to take drug test.
5/16/2002	Held safety meeting, take psi's - tubing=760psi, casing=800psi, rig up and blow down. before changing flow "T" held another safety meeting, kill well, pull "T" off, rig up new flow "T" and flow lines, change out stripping rubber and go in hole tag fill at 5362' with 170 joints, rig up power swivel and gas compressors, unload hole and clean out to cibp at 5393' ( had 31' fill ), stay there rest of the day with well unloading lots water & sand - trace of oil, pump soap sweeps every hour, lay down power swivel and pull above perms to 3786' ( 120 joints in), close in well and shut down
5/17/2002	Held safety meeting, check wellpsi's - tubing=760psi, casing=800psi, blow well down, kill tubing, trip in hole - tag at 5368' (25' fill), rig up gas compressors, unload well - well making water/sand, clean out down to cibp, stay ther rest of the day pumping soap sweeps every hour, well making lots water and sand, some oil by looks of the flare, decide to wait another day to run spinner survey, pull above perms to 3687' (120 joints in), close in well for weekend, coll off hot spots, shut down.
5/20/2002	Held safety meeting, check well for psi's - tubing = 740lbs, casing = 800lbs, blow down well - kill tubing, trip in hole - tag fill at 5381' (12'), rig up gas compressors, unload well and clean out fill, pump soap sweeps every hour, well making too much water for 4 hour test, flow rest of the day, pull to 4680' and rig up tubing to flow well open on 2" over night.
5/21/2002	Held safety meeting, check well psi's - tubing= 36lbs, casing=320lbs, blow down well, kill tubing and go in hole, found 25' of fill, rig up gas compressors, unload well - clean up fill - pump soap sweep, wind to blow at 50 mph in afternoon - so pull up to 4680' and rig flow line from tubing to flare pit, wind blowing as expected, let well flow on own rest of the day, have flowback people to let well continue flowing for clean up over night.
5/22/2002	Held safety meeting, check well after flowing open 2" overnight, tubing= 30lbs, casing=280lbs, blow down, kill tubing, go in hole and tag - had 15' of fill from overnight, rig up gas compressors - unload well, clean out fill, sand/water, pumping soap sweep every hour, well making water 30/40 bbl per day with trace oil in flare, at 12:30 pull to 4680' and rig hard line to flow overnight, at 1:30 pm crew went to town for the accident investigation/root cause about 5/15/02 incident. flow back crew on location for afternoon/overnight flowback with well on open 2" line.
5/23/2002	Held safety meeting, check well for psi's after flowing overnight, tubing=30lbs, casing=280lbs, blow down and go in hole - tag up - had 20' of fill, rig up gas compressors and clean out sand fill to cibp, pump sweep to clean hole and dry up, let tubing blow down, pull tubing to 4680' and rig for test. HELD 4 HOUR TEST OF THE MENEFE/POINT LOOKOUT ON 1/2" CHOKE, TUBING SET AT 4680', OPEN PERFS ARE MENEFE 5068'-5080' - 7 holes, 5100'-5112' - 7 holes, 5170'-5178' - 5 hloes, 5256'-5270' - 8 holes, (27 total holes) POINT LOOKOUT 5306'-5318' - 7 holes, 5352'-5358' - 4 holes, 5376'-5386' - 6 holes. (17 holes) AFTER 4 HOURS WELL STABILIZED - CASING = 300PSI, TUBING = 125 PSI, times factor of 6.6 = 825MCFGPD minus the Chakra test (5/13/2)of 330MCFGPD = 495MCFGPD for the menefee/point lookout, WATER 25 bpd, SAND trace, OIL trace 2/5bpd, witnessed by joe balkus and victor barrios, blow well down and go in hole - taged up - 12' of new sand above cibp since test started, rig up power swivel/gas compressors and clean out sand to cibp, drill out cibp - pump soap sweep, lay down power swivel, pull 3 stands, close in well, shut down.
5/24/2002	Held safety meeting, check well psi's, tubing=500lbs, casing=600psi, blow down and go hole to tag at 7542', rig up power swivel - unload well and clean out to pbtd, stay there rest of the day pumping soap sweeps every hour getting back lots of water, lay down power swivel and pull tubing to 4680', rig up 2" line to flow well over weekend for final clean up.
5/28/2002	Held safety meeting, check well after flowing on open 2" over weekend - tubing=18lbs, casing=180lbs, blow well down, trip out of hole, lay down metal muncher and pick up mule shoe and seating nipple, go in hole and tag up, found 32' of new fill, rig up gas compressors and unload hole - lots of water, clean out fill to pbtd, circulate clean with soap sweeps, well making sand/water-15/20 bpd (bucket test showed 1-2 cups fine sand), pull up to 7302', close in well and shut for night.

## Daily Summary

API	County	State/Province	Surface Legal Location	NS Dist. (ft)	NS Flag	EW Dist. (ft)	EW Flag
300392138300	RIO ARRIBA	NEW MEXICO	NMPM-27N-7W-7-M	1090.0	S	990.0	W
Ground Elev. (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)			
6625.00	5/27/1975	5/31/2002	36° 35' 0.132" N	107° 37' 15.96" W			

Start

Ops This Rpt

5/16/2002

Held safety meeting, check well for psi's, casing=500lbs, tubing=400lbs, blow down well, go to pbitd and found 12' of new fill from overnight, rig up gas compressors and clean out to bottom, run sweep, blow with gas compressors to 12 noon, pull tubing up to 3740' for spinner survey, held safety meeting, rig up computalog to go through tubing flowing to pit with 1/2" CHOKE for production log, run spinner survey / fluid density / temperature / pressure / gamma ray, log across dakota, point lookout, menefee, upper and lower chacra, after 4 hours during logging tubing perssure stablized at 140lbs times factor of 6.6 = 924 MCFGPD, (4 hour test on menefee / point lookout - upper/lower chacra was 825 MCFGPD) -- leaves the dakota with approximately 99 MCFGPD, rig down computalog, close in well and shut down.

5/16/2002

computalog will have production data processed and sent to conoco houston asap  
Held safety meeting, check well for psi's - tubing=400lbs, casing=500lbs, blow well down, kill tubing, trip in hole from 3830' to and tag up, found 10' of fill, rig up gas compressors - unload well - clean out fill - pump sweep every hour to 1:00 pm, let tubing blow down - pull to 7352' (total tubing +seating nipple/mule shoe=7353.5'), land donut, rig up down bop's, rig up well head, take 6" and 2" blooie lines down, got gas compressors ready to move, rig down pump and pit, clean up location, rig down, brakes will need to be fixed before rig will go to yard for repairs for 2/3 days

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-104  
Revised July 28, 2000

Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address CONOCO, INC. P.O. BOX 2197 DU 3084 HOUSTON TX 77252		<sup>2</sup> OGRID Number 005073
		<sup>3</sup> Reason for Filing Code/Effective Date RC
<sup>4</sup> API Number 30-039-21083	<sup>5</sup> Pool Name Otero Chacra	<sup>6</sup> Pool Code 82329
<sup>7</sup> Property Code 016608	<sup>8</sup> Property Name San Juan 28-7 Unit	<sup>9</sup> Well Number 244

II. <sup>10</sup> Surface Location

UL or lot no. M	Section 7	Township 27N	Range 7W	Lot. Idn	Feet from the 1090	North/South Line south	Feet from the 990	East/West line west	County Rio Arriba
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<sup>11</sup> Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Lse Code	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
009018	GIANT REFINERY BLOOMFIELD, NM			
151618	EPFS BLOOMFIELD, NM			

IV. Produced Water

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description
-------------------	--

V. Well Completion Data

<sup>25</sup> Spud Date 12/12/1992	<sup>26</sup> Ready Date 05/31/2002	<sup>27</sup> TD 7588	<sup>28</sup> PBTD 7587	<sup>29</sup> Perforations 3944 - 4462	<sup>30</sup> DHC, MC DHC #2995
<sup>31</sup> Hole Size	<sup>32</sup> Casing & Tubing Size	<sup>33</sup> Depth Set	<sup>34</sup> Sacks Cement		
13.75	9.625	213	224		
8.75	7	3248	256		
6.25	4.5	7588	669		

VI. Well Test Data

<sup>35</sup> Date New Oil 05/14/2002	<sup>36</sup> Gas Delivery Date 05/31/2002	<sup>37</sup> Test Date 05/14/2002	<sup>38</sup> Test Length 24	<sup>39</sup> Tbg. Pressure 50	<sup>40</sup> Csg. Pressure 180
<sup>41</sup> Choke Size 1/2	<sup>42</sup> Oil 1	<sup>43</sup> Water 5	<sup>44</sup> Gas 330	<sup>45</sup> AOF	<sup>46</sup> Test Method

<sup>47</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.  
Signature: *Deborah Marberry*

Printed name: DEBORAH MARBERRY  
Title: REGULATORY ANALYST

Date: 05/31/2002 Phone: (281)293-1005

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY CHARLES T. PERPIN

Title: DEPUTY DIV. ASST. DIR. REG. AFF.

Approval Date: JUN 17 2002