

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator CONOCO INC.		Contact: DEBORAH MARBERRY E-Mail: deborah.moore@usa.conoco.com	
3. Address P.O. BOX 2197 DU 3066 HOUSTON, TX 77252		3a. Phone No. (Include area code) Ph: 281.268.1005	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE 1030FSL 1025FEL At top prod interval reported below At total depth		10. Field and Pool, or Exploratory BASIN DAKOTA	
14. Date Spudded 10/14/2001		15. Date T.D. Reached 10/24/2001	
18. Total Depth: MD TVD 8110		19. Plug Back T.D.: MD TVD 8108	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL, TDT		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)	
11. Date Completed 12/28/2001		12. County or Parish RIO ARriba	
13. State NM		17. Elevations (DF, KB, RT, GL)* 6817 GL	
16. Date Completed 12/28/2001		20. Depth Bridge Plug Set: MD TVD	

23. Casing and Liner Record (Report all strings set in well)

[illegible]

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	7988							

25. Producing Intervals

25. Producing intervals						
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BASIN DAKOTA	7848	8070	7990 TO 8070		36	OPEN
B)			7848 TO 7963		45	OPEN
C)						
D)						

26. Perforation Record

25. Producing intervals						
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BASIN DAKOTA	7848	8070	7990 TO 8070		36	OPEN
B)			7848 TO 7963		45	OPEN
C)						
D)						



27. Acid Fracture Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7990 TO 8070	FRAC W/48,500 GAL X/L SPECTRA G 2500, 60,000# 20/40 SAND
7848 TO 7963	FRAC W/61,362 GAL X/L SPECTRA G 2500, 115,000# 20/40 SAND

28. Production - Interval A

Date First Produced 12/26/2001	Test Date 12/26/2001	Hours Tested 24	Test Production ▶	Oil BBL 0.0	Gas MCF 1650.0	Water BBL 15.0	Oil Gravity Corr. API	Gas Gravity	Production Method FLOWS FROM WELL
Choke Size 1/2	Tbg. Press. Flwg. 250 SI	Csg. Press. 1500.0	24 Hr. Rate ▶	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status 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. 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)

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

ELECTRONIC SUBMISSION #10007 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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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
OJO ALAMO	2769	2881		OJO ALAMO KIRTLAND FRUITLAND FORMATION PICTURED CLIFFS LEWIS CHACRA CLIFFHOUSE MENEFE POINT LOOKOUT GALLUP GREENHORN GRANEROS TWO WELLS PAGUATE CUBERO	2769 2882 3324 3602 4002 4555 5243 5429 5746 7741 7741 7807 7841 7927 7950

32. Additional remarks (include plugging procedure):

This well is currently producing from the Basin Dakota, it will be downhole commingled at a later date. Attached is the daily information that provides more detail.

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 #10007 Verified by the BLM Well Information System.
For CONOCO INC., sent to the Farmington**

Name (please print) DEBORAH MARBERRYTitle SUBMITTING CONTACTSignature (Electronic Submission)Date 01/09/2002

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.

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Daily Summary

API	County	State/Province	Surface Legal Location	NS Dist. (ft)	NS Flag	EW Dist. (ft)	EW Flag
300392606500	RIO ARRIBA	NEW MEXICO	NMPM-28N-7W-12-P	1030.0	S	1025.0	E
Ground Elev (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)			
6817.00	4/28/1999	5/12/1999					

Start	Ops This Rpt
11/12/2001	MIRU Schlumberger wireline unit. PU CBL tools, and RIH and tag @ 7934' WLM. (171' above float collar). Notified engineering. RU Stinger pressure pump and put 1000# on csg. Pulled CBL/GR/CCL log from 7934' to 3000'. TOC @ 3280'. 7" csg. to 4020'. Cement 740' into 7". POOH w/ wireline and pressure test csg. to 4300#. Test was good. RD Service companys. Secure well and SDFN. We will be drilling out w/ CUDD coil unit.
11/26/2001	Held safety mtg. RU Cudd coil unit, pump and boom truck. PU 3 7/8" mill and motor. Test motor and was good. TIH and tag @ 8103'. Start pump and motor @ 2 bpm and drill to 8105' CTM w/kb. Circulate hole clean @ 3 bpm. good cement returns and a few pieces of rubber. Circulated total of 135 bbl. Pressure tested csg. to 4500#. test was good. 213' off of bottom the power pack went down. Secure well and SDFN.
11/27/2001	Held safety mtg. RU crane truck, and Dawn rigup truck. Stand injector head back on swedge. Boom injector down. POOH w/ 1 1/2" coil, motor and mill. RD CTU, and other service companys. Secure well and SDFN.
11/28/2001	Held safety mtg. RU Schlumberger wireline unit. PU TDT tools and RIH and tag @ 8105' wlm. Pull TDT/GR/CCL from 8105' to 2550', continuing the GR/CCL to surface. RD service company. Secure well and SDFN.
12/5/2001	Held safety mtg. RU Stinger frac valve RUBlue jet wireline. RU lubricator. PU 3 1/8" csd. hole guns w/ 12g 306T 90° pp charges and RIH and perforate the lower DK sands as follows: 7990-8002', 8020'-8026', 8032'-8039', 8059'-8062', 8067'-8070'. All shots are 1 spf for a tot. of 36 holes. RU BJ Services frac unit. Pressure test lines to 4800#. Set pop-off @ 3820#. St. B/D formation broke @ 3100#. Start 1000 gal 15%, and 44 7/8" 1.3 sg ball sealers. Balled off @ 3800#. RIH and retrieve 30 balls. Re-test lines, St. step test, @ 30 bpm down to 11 bpm. ISDP= 1650#, FG=.65 psi/ft. Leak off is as follows: 10 min= 1210#, 15 min= 1121#. Fraced lower DK w/ 48,500 gal X/L Spectra G 2500, and 60,000# 20/40 TLC. AIR= 35.5 bpm, ATP= 2750#, FTR=1836 bbl. Frac treated @ a .70 FG. Flushed w/ 125 bbl. Secure well and SDFN
12/6/2001	Held safety mtg. PU halliburton 4.5" comp plug and RIH and set @ 7975'. POOH and test plug to 4400#. Tested good. PU 3 1/8" guns w/ 12g 306T 90° pp charges and RIH and perforate upper DK sands as follows: 7848'-7880', 7884'-7914', 7952'-7963'. for a tot of 45 holes. RU BJ services, test lines to 4800# set pop-off @ 3820#. B/D formation broke @ 3150#. Pumped 1000 gal 15% HCLw/additives. Dropped 54 7/8" 1.3 sg ballsealers and balled off @ 3800#. RIH and retrieve 46 balls. Frac upper DK w/ 61,362gal X/L Spectra G 2500, and 115,000# 20/40/TLC. Max sand concentration 2.5#, AIR= 45 bpm, ATP=3200# ISDP=2200#, 5 Min= 2041, 10 min= 1920#, 15 min= 1774#, final SIP=1774#. Formation fraced @ .70 FG. FTR=2409 bbl. RD service companys. Secure well and SDFN.
12/15/2001	sicp 1500 psig, bleed dwn well, kill well w/ 120 bbls wtr, n/d frac valve, nu and test bop's, rig up all gas compressors and blooie line, rig up pump and pit, secure well and sdfn.
12/16/2001	flow well thru 1/2" choke to ready well for c/o
12/17/2001	fcp 700 psig, bleed dwn well p/u 3 7/8" mill and bit sub w/ 2 3/8" tbg, rih w/ same to 4000', unload well w/ gas wait on compressor for start up, put on 1/2" choke and flow well thru nite w/ stabilized press of 85 psig making no sand and hvy mist.
12/18/2001	fcp 200 psig, bleed dwn well, finish rih and tag cibp @ 7975', unload well w/ gas and foam 2 bbls sweep, p/u 4 stds and flow test upper dakota, test as follows 125 psig (825 mcf) thru 1/2" choke, w/ mist guesstimation of 5 bpd wtr prod, w/ no oil, flow well thru nite w/ same test results
12/19/2001	fcp 125 psig, bleed dwn well, rih tag cibp @ 7975' drill plug and push to bottom, tag sand fill @ 8000' c/o to pbtd of 8105' kb, p/u above all perfs and flow thru 1/2" choke thru nite 150 psig, (990 mcf), 15 bbls wtr prod/day w/ no oil.
12/20/2001	fcp 150 psig, bleed dwn well, rih and tag 60' sand fill/entry thru nite, c/o and pull above perfs and flow well 3 hrs, rih and tag 0 sand fill, pull above all perfs and put on 1/2" choke and flow thru nite, press increased from 150 psig to 190 psig, to 235 psig @ 0600 hrs, 235 psig(1551 mcf), w/ 20 bbls wtr production/day, 0 oil and no sand,
12/21/2001	FCP 235 psig thru 1/2" choke, bleed dwn well and run in hole tag fill of 15' c/o w/ gas, pull above perfs and wait 2 hrs, rih and check for fill, found to have no fill, put on 1/2" choke, flow well thru nite 235 psig w/ lite sand production
12/22/2001	Fcp 235 psig, w/ slugging wtr production of 15 bbls/day, 0 oil and slugging sand from lit to med when slugging fluid.
12/23/2001	FCP thru 1/2" choke 235-250 psig, slugging wtr (15 bpd), slight sand and 0 oil, well shut in @ 0800 hrs
12/26/2001	Sicp 1500 psig, bleed dwn well, rih and tag 6' fill in rat hole, c/o to pbtd, pull out of hole w/ mill and rih w/ 1 std tbg and miru Computalog and run Spinner/Production log, R/D wire line unit, p/u mule shoe and seating nipple and rih part way to 7700', rig to flow well thru 1/2" choke, Final Test for both Dakota zones as follows, 250 psig (1650 mcf), thru 1/2" choke. 15 bpd water production, 0 oil and no trace of sand, using subtraction method 1650 mcf minus 825 mcf (upper Dak zone) leaving 825 mcf for lower Dak zone. 1500 sicp. continue to flow well thru nite @ 250 psig thru 1/2" choke.
12/27/2001	FCP 250 psig, bleed dwn press kill well finish rih and land tbg w/ 252 jts @ 7988.60 KB, blow well around, land tbg, broach tbg. nd bop's and nu well head, rig dwn all equip and rig prep to move, turn over to production dept.
12/28/2001	Safety Meeting, 100% rig dwn rig release @ 1200 hrs, rig maintenance, install rear end.

Form Status Menu

Well Completion Report

This Well Completion Report was received by the BLM Well Information System and will be processed by the Farmington BLM office.

Current status of Transaction Number **10007**:

Date Sent: **1/9/2002**

Current status of submission: **RECVD**

Sent to BLM office: **Farmington**

Lease number: **NMSF 079289**

Submitted attachments: **1**

Well name(s) and number(s):

SAN JUAN 28-7 UNIT #218E

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