

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.
NMSF079298B

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.a.marberry@conoco.com	
3. Address PO BOX 2197, DU 3084 HOUSTON, TX 77252-2197		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 Sec 12 T27N R7W Mer NMP SWSE 880FSL 2300FEL At top prod interval reported below Surf. 1890/s 2280/w At total depth		8. Lease Name and Well No. SAN JUAN 28-7 128G	
14. Date Spudded 07/01/2002		15. Date T.D. Reached 07/22/2002	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/13/2002		9. API Well No. 30-039-27001-00-C1	
18. Total Depth: MD 8070 TVD		19. Plug Back T.D.: MD 7980 TVD	
20. Depth Bridge Plug Set: MD TVD		10. Field and Pool, or Exploratory BASIN	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR OTH		11. Sec., T., R., M., or Block and Survey or Area Sec 12 T27N R7W Mer NMP	
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)		12. County or Parish RIO ARRIBA	
		13. State NM	
		17. Elevations (DF, KB, RT, GL)* 6637 GL	

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0	0	252		115		0	
8.750	7.000 J-55	20.0	0	3818		791		0	
6.250	4.500 J-55	11.0	0	8070		320		0	

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	7901							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	7836	7970	7836 TO 7970	0.340	62	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7836 TO 7970	FRAC W/26,000# 20/40 SAND, 76,142 GALS SLICKWATER

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
09/26/2002	03/13/2002	24	→	9.0	1056.0	5.0			FLows FROM WELL
Choke Size	Ttg. Press Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/2	120	620.0	→					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	Ttg. Press Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

OCT 02 2002

FARMINGTON FIELD OFFICE
BY *[Signature]*

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

ELECTRONIC SUBMISSION #14617 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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
SAN JOSE	0	1158		OJO ALAMO	2626
NACIMIENTO	1158	2447		KIRTLAND	2700
OJO ALAMO	2447	2605		FRUITLAND	3158
				PICTURED CLIFFS	3465
				CHACRA	4501
				CLIFF HOUSE	5210
				MENEFEE	5310
				POINT LOOKOUT	5779
				GALLUP	7067
				GREENHORN	7731
				DAKOTA	7798

32. Additional remarks (include plugging procedure):

This well is a downhole commingled well producing from the Basin Dakota and Blanco Mesaverde. 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 #14617 Verified by the BLM Well Information System.
For CONOCO INC, sent to the Farmington
Committed to AFMSS for processing by Adrienne Garcia on 10/02/2002 (03AXG0021SE)

Name (please print) DEBORAH MARBERRYTitle SPECIALIST

Signature _____ (Electronic Submission)

Date 09/27/2002

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 300392700100	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-27N-7W-12-O	N/S Dist. (ft) 660.0	N/S Ref. S	E/W Dist. (ft) 2300.0	E/W Ref. E
Ground Elevation (ft) 6637.00	Spud Date 7/1/2002	Rig Release Date 7/1/2002	Latitude (DMS) 36° 35' 0.8988" N	Longitude (DMS) 107° 31' 26.1336" W			

Start Date	Ops This Rpt
7/26/2002 00:00	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 0 #. RIH W/ 3 7/8" MILL & BAKER MOTOR ON 1 3/4" COIL TBG. TAGGED DV TOOL @ 4983'. DRILLED OUT DV TOOL FROM 4983' TO 4985'. RIH TAGGED FC @ 7980'. DRILLED OUT FC @ 7980' DOWN TO 7990' CIRCULATED HOLE W/ 2% KCL WATER. POOH W/ COIL TBG. SWION. RDMO.
7/27/2002 00:00	HELD SAFETY MEETING. RU SCHLUMBERGER. RAN TDT LOG FROM 7982' TO 2350'. RAN GR/CCL LOG FROM 7982 TO SURFACE. TESTED 4 1/2" CSG TO 4300 #. HELD OK. SWI. RD SCHLUMBERGER.
7/28/2002 00:00	HELD SAFETY MEETING. RU BLUE JET. RAN GYRO SURVEY TOOL. TOOK READING EVERY 500' FROM SURFACE TO 7982'. POOH W/ TOOLS. SWI. RD BLUE JET.
8/1/2002 00:00	HELD SAFETY MTG. RU BLUE JET WIRELINE. PU 3 1/8" 120 PP GUNS W/ 12 306T .34" DIA. CHARGES AND RIH. CORRELATE TO SCHLUMBERGER GR/CCL/TDT LOG DATED 7/27/02. PERFORATE THE DAKOTA SANDS AS FOLLOWS: 7836'- 7856' W/ 1 SPF FOR 21 HOLES 7868'-7888' W/ 1 SPF FOR 21HOLES 7960'- 7970' W/ 1 SPF FOR 20 HOLES TOTAL OF 62 .34" DIAMETER HOLES POOH W/ WIRELINE. SECURE WELL AND SDFN.
8/5/2002 00:00	HELD SAFETY MTG. RU HALLIBURTON SERVICES. PRESSURE TEST LINES TO 5261#, SET POP-OFF AND TEST 2X TO 3858#. BREAK DOWN FORMATION @ 2364#. ESTABLISH RATE @ 12.6 BPM & 1350#. START 1000 GAL 15% HCL AND (74) 7/8" 1.3 SG RCN BALLS @ 5 BPM AND 746#.FLUSHED @ 18.6 BPM & 1930#. SHOWED GOOD BREAKS BUT DID NOT BALL OFF. MAX PSI=3730#. RU BLUE JET WIRE LINE AND RIH W/ JUNK BASKET AND RETRIVE 35 BALLS. RE-TEST LINES AND POP-OFF. START STEP TEST @ 33.6 BPM & 3715#, STEP TO 26 BPM & 2644#, STEP TO 17.2 BPM & 2100#, STEP TO 9.1 BPM & 1583#. ISDP=1300#, FG= .60 PSI/FT. LEAK OFF IS AS FOLLOWS: 5 MIN= 745#, 10 MIN= 395#, 15 MIN= 91#. START SLICK WATER PAD @ 60.5 BPM & 3217#, START .5# 20/40 BRADY SAND @ 60 BPM & 3248#. PRESSURE CLIMBING AS SOON AS .75# IS ON FORMATION. TRYED TO BRING RATE UP TO 64 BPM AND HAD TO SLOW DUE TO PRESSURES. CALLED FLUSH W/ 26,000# SAND COUNTED. FLUSHED W/ 122 BBL. MAX PRESSURE SEEN WAS 3870#. ISDP=1671#, 5 MIN= 1530#, 10 MIN= 1404#, 15 MIN= 1286#. NOTIFIED ENGINEERING. WAIT FOR 5.5 HRS FOR DECISION TO GO UP HOLE AND FRAC MV OR POSSIBLY RE-FRAC DAKOTA. DECISION WAS TO MI RIG AND C/O AND TEST DK. RELEASE SERVICE COMPANY'S. SECURE WELL AND SDFN.
8/7/2002 00:00	HELD SAFETY MTG. SICP= 740 psi. MI SPOT UNIT AND EQUIPMENT. RU UNIT AND EQUIPMENT. ND FRAC Y. NU BOP . RU WOOD GROUP AND TEST BOP. 250# LOW SIDE AND 5000# ON HIGH SIDE. TESTS WERE GOOD. RU BLOOIE LINES. A.W.S.
8/8/2002 00:00	Check well pressures. Csg - 540 psi. Blow well down. RIH with Mule Shoe Collar, SN and 2 3/8" tubing. Ran 124 jts. start air units and unload well. Continue to RIH with 2 3/8" tubing. Tagged sand fill @ 7922'. Started air units and cleaned sand to 7951' and hit tight spot. Pulled up above the perms. GDH. SHUT DOWN
8/9/2002 00:00	HELD SAFETY MTG. SICP= 1700# BLEED CSG DOWN. tih W/ 7 JTS 2 3/8" TBG. AND TAG FOR FILL. NO FILL IN WELL. BUILD AIR AND UNLOAD WELL. PUH TO 7824'. GET FLOWING UP TBG. AND TEST ON 1/2" CHOKE. LEAVE W/ DRY WATCH @ 5:00 PM. SICP= 600#, FTP= 175# W/ LIGHT WATER. AND NO SAND. AWS.
8/10/2002 00:00	DRY WATCH FLOW BACK TEST-- STARTING 12:01 AM SICP= 460#, FTP=160# 1 BBL HR WATER NO SAND. FLOWING W/ TBG. SET @ 7797' W/ KB ON 1/2" CHOKE. DK PRODUCTION=1056 MCFPD. ENDING 11:59 PM. SICP=450#, FTP= 150# DK PRODUCTION = 990 MCFPD. W/ 5 BWPD, NO SAND. CONTINUE TO FLOW TEST W/ DRY WATCH.
8/11/2002 00:00	DRY WATCH FLOW BACK TEST-- STARTING 12:01 AM SICP= 4500#, FTP=150# 5 BWPD NO SAND. FLOWING W/ TBG. SET @ 7797' W/ KB ON 1/2" CHOKE. DK PRODUCTION=990 MCFPD. ENDING 12:00 PM. SICP=420#, FTP= 150# DK PRODUCTION = 990 MCFPD. W/ 3 BWPD, NO SAND. WELL TESTED @ 1000 MCFPD FOR ENTIRE WEEK END BUT CASING PRESSURE IS ON A STEADY DECLINE. NOTIFIED ENGINEERING AND SIFN.
8/12/2002 00:00	HELD SAFETY MTG. SICP= 1540# BLEED CSG. DOWN KILL TBG. TOOH LAYING DOWN W/ 248 JTS 2 3/8" TBG. RD BOP, RU FRAC VALVE. SECURE WELL. RD UNIT AND EQUIPMENT. MOVE TO SJ 28-7# 125G ON SAME PAD AS 128G. THIS IS NOT THE FINAL REPORT FOR THIS WELL. WE WILL SET PLUG OVER DK AND PERF / FRAC MV SAND FORMATION. THIS IS SCHEDULED FOR 8/17/02.
8/16/2002 00:00	HELD SAFETY MTG. SICP=1620#. RU BLUE JE WIRELINE. RU 2000# RATED LUBRICATOR. PU BAKER 4.5" CBP AND RIH AND SET @ 6000'. POOH W/ WIRELINE. EST PLUG TO 3500# W/ RIG PUMP. TEST WAS GOOD. BLEED OFF. PU 3 1/8" SF 90° PP GUNS W/ 12G 306T CHARGES AND RIH AND PERFORATE THE PLO SANDS AS FOLLOWS:5770'-5776', 5794'-5818', 5828'-5850', 5872'-5882', ALL SHOTS ARE 1/2 SPF FOR A TOTAL OF 35 .34" HOLES. RD WIRELINE. SECURE WELL AND SDFN. AWS.

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Start Date	Ops This Rpt
8/17/2002 00:00	HELD SAFETY MEETING. RU HES. 1ST STAGE. FRAC'D THE PLO. TESTED LINES TO 5000 #. SET POP-OFF @ 3870 #. BROKE DOWN FORMATION @ 6 BPM @ 950#. DROPPED 25 BALL SEALERS @ 1 BALL PER BBL & 2 BALLS PER BBL FOR REMAINING 15 BALL SEALERS @ 20 BPM @ 1200 #. A TOTAL OF 40 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3756#. RU BLUE JET. RIH W/ JUNK BASKET. RETRIVED 30 BALLS SEALERS. PUMPED PRE-PAD @ 47 BPM @ 3330 #. STEPPED DOWN RATE TO 37 BPM @ 2446 #. STEPPED DOWN RATE TO 29 BPM @ 1644 #. STEPPED DOWN RATE TO 10 BPM @ 425 #. ISIP 150 #. FRAC'D THE PLO W/ 65 Q 25 # LINEAR FOAM, 55,000# 20/40 BRADY SAND, 45,000# 16/30 AZ IN 2# STAGE, 1,280,000 SCF N2, & 1267 BBL FLUID. AVG RATE 35 BPM. AVG PSI 2410 #. MAX PSI 2600 #. MAX SAND CONS 2 # PER GAL. ISIP 350 #. FRAC GRADIENT .44. RU BLUE JET. RIH W/ 4 1/2" COMPOSITE PLUG. SET @ 5350'. TESTED PLUG TO 4300 #. HELD OK. PERFORATED THE CLIFFHOUSE. RIH W/ 3 1/8" 90 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 5234' - 5244' W/ 1 SPF, 5262' - 5278' W/ 1 SPF, 5298' - 5304' W/ 1 SPF. A TOTAL OF 35 HOLES. 2nd STAGE - FRAC'D THE CLIFFHOUSE. TESTED LINES TO 5040 #. SET POP-OFF # 3840 #. BROKE DOWN FORMATION @ 5 BPM @ 2262 #. DROPPED 20 BALLS SEALERS @ 1 BALL PER BBL & 2 BALLS PER BBL FOR THE REMAINING 20 BALL SEALERS @ BPM @ 2617 #. A TOTAL OF 40 BALLS. GOOD BALL ACTION. BALLED OFF @ 3800 #. RIH W/ JUNK BASKET RETRIVED 5 BALLS. PUMPED PRE-PAD @ 29 BPM @ 1915 #. STEPPED DOWN RATE TO 24 BPM @ 1572 #. STEPPED DOWN RATE TO 19 BPM @ 1278#. STEPPED DOWN RATE TO 10 BPM @ 810 #. ISIP 420 # - 5 MIN 0 # FG= .52 PSI/FT- FRAC'D THE CLIFFHOUSE W/ 65 Q 25 # LINEAR FOAM, 96,000# 16/30 AZ SAND, 954,259 SCF N2, & 825 BBLs FLUID. AVG RATE 38 BPM. AVG PSI 2948 #. MAX PSI 3884 #. MAX SAND CONS 3 # PER GAL. ISIP 3587#. RD HES SERVICES. AWS.
8/30/2002 00:00	Rig up. Spot all equipment. Check well pressure. Csg - 2000 psi. Blow well down. ND Frac Valves. NUBOP. Test BOP'S. 250 psi low pressure. 5000 psi high pressure. - Tested OK. Rig up Blowie line. RIH with Mill and 125 jts. of 2 3/8" tubing. Start air units and unload well @ 3900'. Well flowing heavy fluid and sand. GDH SHUT DOWN
9/3/2002 00:00	Check well pressure. Csg - 50 psi. Blow well down. RIH and tagged sand fill @ 4379'. We have 855' of sand above the top perf. (WELL SCREENED OUT). Start up air unit and clean sand fill to 4600'. Circulate well to clean up. GDH SHUT DOWN
9/4/2002 00:00	Check well pressure. Csg - 40 psi. Blow well down. RIH and tagged sand fill @ 4570'. Start air package and cleaned sand fill to 4756'. Well still making a lot of sand. Pulled 8 jts. GDH SHUT DOWN
9/5/2002 00:00	Check well pressures. Csg - 50 psi. Blow well down. RIH and tagged sand fill @ 4726'. Start air unit and cleaned sand fill to 5195'. Cleaned a total of 469'. Pull 6 stands. GDH SHUT DOWN
9/6/2002 00:00	Check well pressure. Csg - 260 psi. Blow well down. RIH and tagged sand fill @ 5227'. Start air units and clean sand to plug @ 5350'. Let well circulate to clean up. Pulled up to 5195'. Tested Cliffhouse thru 1/2" choke nipple. Tubing stabilized @ 40 psi. Csg - 240 psi. MCFPD = 264. NOTE: THIS IS A TEST FOR THE CLIFFHOUSE ONLY. GDH SHUT DOWN
9/9/2002 00:00	Check well pressure. Csg - 380 psi. Blow well down. RIH and tagged sand fill @ 5280'. Started air unit and cleaned sand fill to plug @ 5300'. Drilled up Plug @ 5300'. Continued to RIH and tagged sand fill @ 5875'. Started air unit and cleaned sand fill to 5885'. Pulled 11 jts. GDH SHUT DOWN
9/10/2002 00:00	Check well pressure. Csg - 650 psi. Blow well down. RIH and tagged sand fill @ 5873'. Started air unit and cleaned sand fill to 5962'. Power swivel is torquing up because of severe deviation. Pulled 2 3/8" tubing up to 5195'. Tested Mesa Verde formation as follows. 2 3/8" tubing @ 5195'. Flowed thru 1/2" choke nipple. Tbg - 170 psi. Csg - 420 psi. MCFPD = 1122. Oil = 0 BBLs Water = 20 BBLs. Test witnessed by Noe Parra with Key Energy. GDH SHUT DOWN
9/12/2002 00:00	Check well pressures. Csg - 650 psi. Blow well down. RIH with 12 stands and tagged sand @ 5962'. Started air package and cleaned sand to Baker Composite Plug @ 6000'. Drilled up Baker Composite Plug @ 6000'. Let well clean up. POOH with 80 jts. of 2 3/8" tubing. GDH SHUT DOWN
9/13/2002 00:00	Check well pressure. CSG - 850 psi. Blow well down. POOH with 114 jts. of 2 3/8" tubing with Baker Metal Muncher Mill. RIH with Mule Shoe Collar, SN and 2 3/8" tubing to tag for fill. Tagged PBTD @ 7990'. NO FILL. Pulled 2 3/8" tubing up to 7900'. Tested Dakota formation as follows. Tested thru 1/2" choke nipple. Tbg - 160 psi. Csg - 620 psi. MCFPD = 1056. Oil = 0 BBLs. Water = 5 BBLs. Test witnessed by Noe Parra with Key Energy. THIS IS THE DAKOTA TEST ONLY. Landed 2 3/8" tubing @ 7901' with Mule Shoe Collar and SN on the bottom. Total tubing 242 jts. NDBOP & NUWH. Rig down and move off location. GDH FINAL REPORT