

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.  
NMSF078496A

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. NMMN78413C	
2. Name of Operator CONOCOPHILLIPS COMPANY		8. Lease Name and Well No. SAN JUAN 28-7 UNIT 214G	
3. Address PO BOX 2197 WL3 4066 HOUSTON, TX 77252		9. API Well No. 30-039-27053-00-C1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 4 T27N R7W Mer NMP NENE 410FNL 360FEL At top prod interval reported below At total depth		10. Field and Pool, or Exploratory BLANCO MV / BASIN DAKOTA	
14. Date Spudded 11/23/2002		15. Date T.D. Reached 11/29/2002	
16. Date Completed <input checked="" type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/13/2003		17. Elevations (DF, KB, RT, GL)* 6669 GL	
18. Total Depth: MD 7695 TVD		19. Plug Back T.D.: MD 7692 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL GR OTH	
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)			

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	232		86		0	
8.750	7.000 J-55	20.0	0	3556		524		0	
6.250	4.500 J-55	11.0	0	7695		300		3100	

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	7469							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	7494	7660	7494 TO 7660	3.180	56	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7494 TO 7660	FRAC W/SLICKWATER @ 1G/MG FR. 50,000 # 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
02/24/2003	01/13/2003	24	→	0.0	396.0	2.0			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	240	→					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		→						

ACCEPTED FOR RECORD

MAR 06 2003

FARMINGTON FIELD OFFICE

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

ELECTRONIC SUBMISSION #18699 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	1086		NACIMIENTO	1166
NACIMIENTO	1086	2372		OJO ALAMO	2388
OJO ALAMO	2372	2543		KIRTLAND	2519
				FRUITLAND	2920
				PICTURED CLIFFS	3239
				CHACRA	4187
				CLIFF HOUSE	4911
				MENEFEE	5032
				POINT LOOKOUT	5484
				GALLUP	6721
				GREENHORN	7383
				DAKOTA	7443

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

This well is a downhole commingled well producing in 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 #18699 Verified by the BLM Well Information System.

For CONOCOPHILLIPS COMPANY, sent to the Farmington

Committed to AFMSS for processing by Adrienne Garcia on 03/06/2003 (03AXG0805SE)

Name (please print) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 03/05/2003

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 300392705300	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-27N-7W-4-A	N/S Dist. (ft) 410.0	N/S Ref. N	E/W Dist. (ft) 360.0	E/W Ref. E
Ground Elevation (ft) 6669.00	Spud Date 11/23/2002	Rig Release Date 11/30/2002	Latitude (DMS) 36° 36' 34.3404" N	Longitude (DMS) 107° 34' 12.6192" W			

Start Date	Ops This Rpt
12/4/2002 00:00	HELD SAFETY MEETING. RU SCHLUMBERGER. PRESSURED UP CSG TO 2000 #. RAN CBL LOG FROM 7673' TO 2850'. TOP OF CEMENT @ 3100'. RAN TDT LOG FROM 7673' TO 2300'. RAN GR/CCL LOG FROM 7673' TO SURFACE. TESTED 4 1/2" CSG TO 4300 #. HELD OK. RD SCHLUMBERGER. (SSM)
12/13/2002 00:00	HELD SAFETY MEETING. RU BLUE JET. PERFORATED THE DAKOTA. RIH W/ 3 1/8" 90 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 7494' - 7514' W/ 1 SPF, 7598' - 7614' W/ 1 SPF, 7628' - 7636' W/ 1 SPF, 7652' - 7660' W/ 1 SPF. A TOTAL OF 56 HOLES. SWION. RD BLUE JET. (SSM)
12/14/2002 00:00	HELD SAFETY MEETING. RU HALLIBURTON. FRAC'D THE DAKOTA. TESTED LINES TO 5084 #. SET POP OFF @ 3930 #. BROKE DOWN FORMATION @ 5 BPM @ 1545 #. DROPPED 24 BALL SEALERS IN 500 GAL 15% HCL ACID @ 1 BALL PER BBL AND 2 BALLS PER BBL FOR THE REMAINING 44 BALL SEALERS @ 20 BPM @ 2275 #. A TOTAL OF 68 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3780 #. RU BLUE JET. RIH W/ JUNK BASKET. RETRIEVED 65 BALL SEALERS. PUMPED PRE PAD @ 34 BPM @ 3684 #. STEPPED DOWN RATE TO 29 BPM @ 3124 #. STEPPED DOWN RATE TO 20 BPM @ 2258 #. STEPPED DOWN RATE TO 10 BPM @ 1566 #. ISIP 1530 #. 5 MIN 1037 #. 10 MIN 849 #. 15 MIN 754 #. 20 MIN 641 #. 25 MIN 529 #. 30 MIN 418 #. FRAC'D THE DAKOTA W/ SLICKWATER @ 1g/mg FR, 50,000 # 20/40 SUPER LC SAND & 2531 BBL FLUID. AVG RATE 55 BPM. AVG PRESSURE 3064 #. MAX PRESSURE 3674 #. MAX SAND CONS .80 # PER GAL. ISIP 1636 #. FRAC GRADIENT .64. (SSM)
12/14/2002 00:00	HELD SAFETY MEETING. RU BLUE JET. RIH W/ 4 1/2" COMPOSITE PLUG. SET @ 5700'. TESTED PLUG TO 4300 #. HELD OK. PERFORATED THE POINT LOOKOUT & CLIFFHOUSE. RIH W/ 3 1/8" 120 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 4918' - 4928' W/ 1/2 SPF, 4940' - 4946' W/ 1/2 SPF, 4962' - 4968' W/ 1/2 SPF, 4998' - 5024' W/ 1/2 SPF, 5513' - 5515' W/ 1/2 SPF, 5530' - 5534' W/ 1/2 SPF, 5550' - 5554' W/ 1/2 SPF. A TOTAL OF 36 HOLES. RU HALLIBURTON. FRAC'D THE POINT LOOKOUT & CLIFFHOUSE. TESTED LINES TO 5423 #. SET POP-OFF @ 3960 #. BROKE DOWN FORMATION @ 4 BPM @ 2965 #. DROPPED 15 BALL SEALERS @ 1 BALL PER BBL. PUMPED 500 GALS 15% HCL ACID. DROPPED 14 BALL SEALERS @ 1 BALL PER BBL @ 20 BPM @ 1352 #. A TOTAL OF 29 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 2986 #. RIH W/ JUNK BASKET AND RETRIEVED 27 BALLS. PUMPED PRE PAD @ 30 BPM @ 1339 #. STEPPED DOWN RATE TO 25 BPM @ 941 #. STEPPED DOWN RATE TO 20 BPM @ 584 #. STEPPED DOWN RATE TO 10 BPM @ 0 #. ISIP 0 #. 5 MIN 0 #. FRAC'D THE POINT LOOKOUT & CLIFFHOUSE W/ 65 Q SLICKWATER FOAM W/ 1 G/MG FR, 136,000 # OF 20/40 BRADY SAND. TALLED IN W/ 34,000 # OF 20/40 SUPER LC SAND, A TOTAL OF 170,000 # OF SAND, 1,635,000 SCF N2 AND 1658 BBL FLUID. AVG RATE 61 BPM. AVG PRESSURE 2333 #. MAX PRESSURE 2514 #. MAX SAND CONS 1.50 # PER GAL. ISIP 1934 #. FRAC GRADIENT .44. SWI. RD HALLIBURTON. (SSM)
1/2/2003 00:00	HELD SAFETY MTG. SICP= 310#. ROAD UNIT TO LOCATION. RU UNIT AND EQUIPMENT. RU GAS COMPRESSORS, SEPERATOR AND SUCTION LINES. ND FRAC STACK. NU BOP. INSTALL PLUGGED TBG. HANGER. RU WOODGROUP PRESSURE TEST UNIT. TEST BOP (blind and pipe rams). 250# LOW AND 5000#. HIGH. TEST WAS GOOD. WITNESSED BY W. SHENEFIELD AND T. MONK. ND WOOD GROUP. NU BLOOIE T, RU BLOOIE LINES W/ L&R ROUST-ABOUT. SECURE WELL AND SDFN. AWS.
1/3/2003 00:00	HELD SAFETY MTG. SICP=360#, KILL CSG W/ 30 BBL. TIH PICKING UP W/ 3 7/8" MILL, BIT SUB AND 86 JTS 2 3/8" TBG. UNLOAD WELL W/ GAS COMPRESSORS. TIH W/ 66 JTS AND UNLOAD WELL AGIN. TIH W/ 13 JTS AND TAG FILL @ 5011'. CIRCULATE W/ GAS. WELL BRINGING HEAVY SAND AND FLUID. POOH W/ 13 JTS. SECURE WELL AND SDFN. AWS.
1/6/2003 00:00	HELD SAFETY MTG. SICP=325#. BLEED CSG. DOWN. TIH W/ 17 JTS AND TAGGED FILL @ 5343'. C/O TO 5622' W/ 9 JTS. CIRCULATE CLEAN. WELL MAKING LIGHT TO MED SAND AND FLUID. POOH W/ 26 JTS 2 3/8" TBG. SECURE WELL AND SDFN. AWS.
1/7/2003 00:00	HELD SAFETY MTG. SICP= 350#. BLEED CSG. DOWN. TIH W/ 24 JTS 2 3/8" TBG. AND TAG FILL @ 5555'. C/O W/ GAS TO 5622'. CIRCULATE CLEAN. POOH W/ 26 JTS. GET FLOWING UP TBG. AND TEST MESA VERDE FORMATION AS FOLLOWS: MV PERFS- 4918'-5554' 2 3/8" TBG SET @ 4815' W/KB TESTED W/ 1/2" CHOKE ( COEFICIENT OF 6.6 ) FTP=180# SICP=300# MV PRODUCTION= 1188 MCFPD 2 BWPD 1/2 BOPD O BCPD NO SAND. TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES. SECURE WELL AND SDFN.
1/8/2003 00:00	SHUT RIG DOWN FOR ROOT CAUSE INVESTIGATION ON INCEDENT ( 12/27/02)
1/9/2003 00:00	HELD SAFETY MTG. SICP= 325#, BLEED CSG. DOWN. TIH W/ 26 JTS AND TAGGED FILL @ 5617'. CLEAN OUT W/ GAS TO PLUG @ 5700'. CIRCULATE CLEAN. PU SWIVEL AND DRILL PLUG. PU AND LET PRESSURE EQUELIZE. TIH W/ 62 JTS 2 3/8" TBG. AND TAG FILL @ 7635'. CONTINUE TO DRILL PLUG. C/O TO PBTD OF 7688'. CIRCULATE CLEAN. POOH W/ 88 JTS. SECURE WELL AND SDFN. AWS.
1/10/2003 00:00	HELD SAFETY MTG. SICP= 450#. BLEED CSG. DOWN. KILL TBG. W/ 5 BBL. TOOH W/ 154 JTS 2 3/8" TBG. LD MILL. PU MS, SN, INFLATEABLE PKR AND RIH W/ 243 JTS 2 3/8" TBG. TAG FILL @ 7648'. CLEAN OUT TO PBTD W/ GAS. CIRCULATE CLEAN. POOH W/ 8 2 3/8" TBG. SECURE WELL AND SDFN. AWS.

## Daily Summary

API/UWI	County	State/Province	Surface Legal Location	N/S Dist. (ft)	N/S Ref.	E/W Dist. (ft)	E/W Ref.
300392705300	RIO ARRIBA	NEW MEXICO	NMPM-27N-7W-4-A	410.0	N	360.0	E
Ground Elevation (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)			
6669.00	11/23/2002	11/30/2002	36° 36' 34.3404" N	107° 34' 12.6192" W			

Start Date	Ops This Rpt
1/13/2003 00:00	HELD SAFETY MTG. SICP= 480#. BLEED CSG. DOWN. TIH W/ 8 JTS 2 3/8" TBG. TAG FILL @ 7673'. CLEAN OUT TO PBTD W/ GAS. CIRCULATE CLEAN. POOH W/ 8 JTS AND. LAND TBG. @ 7469' W/ KB. ND BOP, NU PRODUCTION TREE. GET FLOWING UP TBG AND DHC TEST. TEST IS AS FOLLOWS: DK PERFS- 7494'-7660' MV PERFS- 4918'-5554' 2 3/8" TBG SET@ 7469' W/KB TESTED ON 1/2" CHOKE ( COEFICIENT OF 6.6 ) FTP= 240# SICP= 450# MV PRODUCTION= 1188 MCFPD DK PRODUCTION= 396 MCFPD DHC PRODUCTION= 1584 MCFPD 2 BWPD 1/2 BOPD 1/2 BCPD NO SAND TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES. RD UNIT AND EQUIPMENT.TURN OVER TO OPERATOR AND EPNG FOR PRODUCTION. FINAL REPORT. SIW AWAITING C104. AWS.