

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.
NMSF079294

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. NMNM78413C	
2. Name of Operator CONOCOPHILLIPS COMPANY		8. Lease Name and Well No. SAN JUAN 28-7 223G	
3. Address PO BOX 2197 WL3 4066 HOUSTON, TX 77252		9. API Well No. 30-039-26979-00-C1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 26 T28N R7W Mer NMP NWSE 2330FSL 2065FEL At top prod interval reported below At total depth		10. Field and Pool, or Exploratory BLANCO MV / BASIN DAKOTA	
14. Date Spudded 01/04/2003		15. Date T.D. Reached 01/10/2003	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/14/2003		17. Elevations (DF, KB, RT, GL)* 6585 GL	
18. Total Depth: MD 7763 TVD		19. Plug Back T.D.: MD 7757 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL TDT GR	
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0	0	235		135		0	
8.750	7.000 J-55	20.0	0	3656		535		0	
6.250	4.500 J-55	11.0	0	7760		425		2300	

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	7511							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	7516	7704	7516 TO 7704		62	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7516 TO 7704	FRAC W/SLICKWATER @ 1G/MG FR, 50,500# 20/40 SAND & 2791 BBLS FLUID

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
04/22/2003	04/14/2003	24	→	5.0	3036.0	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	460	760.0	→	5	3036	5		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	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)

ELECTRONIC SUBMISSION #20978 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

NMOC

ACCEPTED FOR RECORD

APR 29 2003

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.)
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
SAN JOSE	0	1145		NACIMIENTO	1020
NACIMIENTO	1145	2482		OJO ALAMO	2452
OJO ALAMO	2482	2587		KIRTLAND	2551
				FRUITLAND	2973
				PICTURED CLIFFS	3254
				CHACRA	4203
				CLIFF HOUSE	4881
				MENEFEE	5025
				POINT LOOKOUT	5495
				GALLUP	6729
				GREENHORN	7404
				DAKOTA	7469

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 #20978 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by Adrienne Garcia on 04/29/2003 (03AXG1074SE)

Name (please print) DEBORAH MARBERRYTitle SUBMITTING CONTACTSignature (Electronic Submission)Date 04/28/2003

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 ** REVISED ****

Daily Summary

API/UWI 300392697900	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-28N-7W-26-J	N/S Dist. (ft) 2330.0	N/S Ref. S	E/W Dist. (ft) 2065.0	E/W Ref. E
Ground Elevation (ft) 6585.00	Spud Date 1/4/2003	Rig Release Date 1/11/2003	Latitude (DMS) 36° 37' 53.2308" N	Longitude (DMS) 107° 32' 25.1196" W			

Start Date	Ops This Rpt
1/25/2003 00:00	HELD SAFETY MEETING. RU SCHLUMBERGER. PRESSURED UP CSG TO 2000 #. RAN CBL LOG FROM 7738' TO 2100'. TOP OF CEMENT @ 2300'. RAN TDT LOG FROM 7738' TO 2000'. RAN GR/CCL LOG FROM 7738' TO SURFACE. TESTED 4 1/2" CSG TO 4300 #. HELD OK. RD SCHLUMBERGER. (SSM)
3/25/2003 00:00	HELD SAFETY MEETING. RU BLUE JET. PERFORATED THE DAKOTA. RIH W/ 3 1/8" 120 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 7516' - 7522' W/ 1 SPF, 7530' - 7536' W/ 1 SPF, 7546' - 7556' W/ 1 SPF, 7606' - 7610' W/ 1 SPF, 7632' - 7648' W/ 1 SPF, 7674' - 7678' W/ 1 SPF, 7688' - 7692' W/ 1 SPF, 7700' - 7704' W/ 1 SPF. A TOTAL OF 62 HOLES @ 0.34 DIA. SWION. RD BLUE JET. (SSM)
3/26/2003 00:00	HELD SAFETY MEETING. RU SCHLUMBERGER. FRAC'D THE DAKOTA. TESTED LINES TO 5370 #. SET POP OFF @ 3855 #. BROKE DOWN FORMATION @ 3 BPM @ 1260 #. DROPPED 24 BALL SEALERS IN 1000 GALS 15% HCL ACID @ 1 BALL PER BBL AND 2 BALLS PER BBL FOR THE REMAINING 26 BALL SEALERS @ 16 BPM @ 1644 #. A TOTAL OF 50 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 2700 #. RU BLUE JET. RIH W/ JUNK BASKET RETRIEVED 50 BALL SEALERS. PUMPED PRE PAD @ 50 BPM @ 2344 #. STEPPED DOWN RATE TO 40 BPM @ 2040 #. STEPPED DOWN RATE TO 30 BPM @ 1802 #. STEPPED DOWN RATE TO 20 BPM @ 1540 #. ISIP 1260 #. 5 MIN 1029 #. 10 MIN 944 #. 15 MIN 839 #. 20 MIN 754 #. 25 MIN 671 #. 30 MIN 553 #. FRAC'D THE DAKOTA W/ SLICKWATER @ 1g/mg FR, 50,500 # 20/40 SUPER LC SAND & 2791 BBLs FLUID. AVG RATE 60 BPM. AVG PRESSURE 2990 #. MAX PRESSURE 3265 #. MAX SAND CONS .70 # PER GAL. ISIP 1706 #. FRAC GRADIENT .60. SWI. (SSM)
3/27/2003 00:00	HELD SAFETY MEETING. RIH W/ 4 1/2" COMPOSITE PLUG. SET PLUG @ 5650'. TESTED PLUG TO 4300 #. HELD OK. PERFORATED THE CLIFFHOUSE & POINT LOOKOUT. RIH W/ 3 1/8" 120 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 4884' - 4892' W/ 1/2 SPF, 4924' - 4930' W/ 1/2 SPF, 4946' - 4952' W/ 1/2 SPF, 5006' - 5014' W/ 1/2 SPF, 5470' - 5478' W/ 1/2 SPF, 5526' - 5536' W/ 1/2 SPF. A TOTAL OF 29 HOLES. RU SCHLUMBERGER. FRAC'D THE CLIFFHOUSE & POINT LOOKOUT. TESTED LINES TO 5304 #. SET POP OFF @ 3855 #. BROKE DOWN FORMATION @ 3 BPM @ 2605 #. DROPPED 20 BALL SEALERS @ 1 BALL PER BBL @ 15 BPM @ 1827. GOOD BALL ACTION. BALLED OFF @ 3190. RU BLUE JET. RIH W/ JUNK BASKET AND RETRIEVED 20 BALL SEALERS. PUMPED PRE PAD @ 39 BPM @ 2141 #. STEPPED DOWN RATE TO 29 BPM @ 1295 #. STEPPED DOWN RATE TO 19 BPM @ 613 #. STEPPED DOWN RATE TO 10 BPM @ 0 #. ISIP 0 #. 5 MIN 0 #. FRAC'D THE CLIFFHOUSE & POINT LOOKOUT W/ 65 Q SLICK WATER FOAM W/ 1 G/MG FR, 170,500 # OF 20/40 BRADY SAND AND TREATED THE LAST 15% OF TOTAL PROPPANT VOLUME WITH PROPNET FOR PROPPANT FLOWBACK CONTROL, 1,942,400 SCF N2 & 1874 BBLs FLUID. AVG RATE 55 BPM. AVG PRESSURE 2386 #. MAX PRESSURE 2790 #. MAX SAND CONS 1.5 # PER GAL. ISIP 1950 #. FRAC GRADIENT .45. SWI. RD SCHLUMBERGER. (SSM).
4/7/2003 00:00	HELD SAFETY MTG. SICP=710 #. ROAD UNIT TO LOCATION. RU UNIT AND EQUIPMENT. RU GAS COMPRESSORS, SEPARATOR AND SUCTION LINES. NU BLOW LINE. BLEED CSG DOWN TO 500# AND KILL W/ 40 BBL 1% KCL. ND FRAC VALVE, INSTALL BULL PLUGGED TBG. HANGER. NU BOP. RU WOOD GROUP PRESSURE TEST UNIT. TEST BLIND/PIPE RAMS(LOW) @ 250#. HIGH 5000#. TEST WAS GOOD. WITNESSED BY W. SHENEFIELD W/ MVCI. MU AND TIH W/ 3 7/8" MILL, BITSUB, AND 82 JTS 2 3/8" TBG PICKING UP FROM FLOAT. SECURE WELL AND SDFN. AWS.
4/8/2003 00:00	HELD SAFETY MTG. SICP=660# OPEN UP CSG. BREAK CIRCULATION W/ GAS. UNLOAD WELL @ 2576' KB. RETURNING LIGHT TO MED SAND. LET CIRCULATE FOR 1 HR. CONTINUE TIH W/ TBG. AND TAG FILL @ 5543' KB. BREAK CIRCULATION W/ GAS. CLEAN OUT FRAC SAND FROM 5543' TO 5606'. CIRCULATE CLEAN. POOH W/ 24 JTS TO 4856' KB. GET FLOWING UP CSG. AND TEST MESA VERDE ZONE AS FOLLOWS: MV PERFS - 4884' - 5536' TESTED UP CSG W/ 1/2" CHOKE. COEFFICIENT OF 6.6 FCP= 380# SITP= N/A MV PRODUCTION= 2508 MCFPD 5 BWPD 3 BOPD 0 BCPD TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES AND W. SHENEFIELD W/ MVCI SECURE WELL AND SDFN. AWS.
4/9/2003 00:00	STANDARD PRACTICE MEETING
4/10/2003 00:00	HELD SAFETY MTG. SICP= 680# SITP= 0# (SRING FLOAT). BLEED CSG DOWN. TIH W/ 24 JTS 2 3/8" TBG. TAGGED FILL @ 5591'. BREAK CIRCULATION W/ GAS. UNLOAD WELL. CLEAN OUT FRAC SAND FROM 5591' TO 5650' W/ 2 JTS TBG. PU SWIVEL. PREP TO DRILL PLUG. WELL SLUGGING HEAVY SAND AND OIL. RUN 5 BBL SOAP SWEEPS EVERY 30-40 MIN FOR 4 HRS. CIRCULATE CLEAN. SAND SLOWED TO LIGHT SAND W/ OCCASIONAL SLUG OF OIL. CIRCULATE CLEAN. POOH W/ 26 JTS 2 3/8" TBG. SECURE WELL AND SDFN. AWS.

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Start Date	Ops This Rpt
4/11/2003 00:00	HELD SAFETY MTG. SICP= 640#. BLEED CSG. DOWN. TIH W/ 26 JTS TBG. TAG FILL @ 5640'. PU SWIVEL. CLEAN OUT FILL FROM 5640' TO CBP @ 5650'. DRILL PLUG. PUH 1 JT AND LET DK /MV PRESSURE EQUILIZE FOR 30 MIN. LD SWIVEL. CONTINUE TO TIH W/ 66 JTS TBG. AND TAG FILL @ 7700'. BREAK CIRCULATION W/ GAS AND CLEAN OUT FILL FROM 7700' TO PBTD OF 7757' W/ 2 JTS. CIRCULATE CLEAN. RETURNING LIGHT SAND AND LIGHT FLUID. SECURE WELL AND SDFN. AWS.
4/12/2003 00:00	HELD SAFETY MTG. SICP=760# BLEED CSG. DOWN. TIH W/ 10 JTS 2 3/8" TBG. TAGGED FILL @ 7747'. BREAK CIRCULATION W/GAS UNLOAD WELL. C/O FILL FROM 7747' TO PBTD OF 7757'. CIRCULATE CLEAN. RUNNING 5 BBL SOAP SWEEPS EVERY HR. FOR 4 HRS. RETURNING LIGHT TO MED SAND WHEN SWEEPS COME AROUND. SAND SLOWED TO A TRACE BY END OF DAY. POOH W/ 120 JTS 2 3/8" TBG. SECURE WELL AND SDFN.
4/14/2003 00:00	HELD SAFETY MTG. SICP= 700# OPEN WELL UP ON CSG. LET WELL FLOW NATURAL TO CHECK FOR SAND PRODUCTION. WELL SLUGGING OIL AND LIGHT SAND. PUMP 20 BBL DOWN CSG AND LET WELL UNLOAD. RETURNING SAND. NOTIFIED E. FRANSEN AND L. BAZAN. INFORMED THEM OF SAND PRODUCTION AND DECIDED NOT TO RUN PKR FOR ISOLATED TEST. POOH W/ 100 JTS 2 3/8" TBG. AND LD MILL AND BIT SUB. MU AND TIH W/ EXPENDABLE CK, 1.781 BAKER F NIPPLE, AND 240 JTS 2 3/8" TBG. TAG FILL @ 7740'. BREAK CIRCULATION W/ GAS CLEAN OUT FILL FROM 7740' TO 7757'. CIRCULATE CLEAN. POOH W/ 8 JTS TBG. RU TBG. HANGER. LAND TBG. @ 7511'KB. ND BOP, NU WH. PUMP 5 BBL KCL AND DROP BALL. PRESSURE UP ON TBG. TO 1000# W/GAS. HOLD TEST FOR 15 MIN. PRESUURE UP AND PUMP OUT CHECK @ 1230#. LET WELL FLOW UP TBG. AND DHC TEST WHILE RIGGING DOWN UNIT AND EQUIPMENT. DHC TEST IS AS FOLLOWS: MV PERFS- 4884- 5536' DK PERFS- 7516'- 7704' 2 3/8" TBG. EOT @ 7511' KB TESTED ON 1/2" CHOKE COEFICIENT OF 6.6 FTP= 460# SICP= 760# DHC PRODUCTION= 3036 MCFPD 5 BOPD 5 BWPD 1/2 BCPD TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES, & W. SHENEFIELD W/ MSCI. TURN OVER TO OPERATOR AND EPNG FOR PRODUCTION. FINAL REPORT. AWS.



END OF WELL SCHEMATIC

Well Name: SAN JUAN 28-7 223GAPI #: 30-039-26979Spud Date: 4-Jan-03Spud Time: 0300 HRSTD Date: 10-Jan-03Rig Release Date: 11-Jan-03

11" 3M x 11" 3M Speedhead W/TrashCap

9-5/8" 8 RD x 11" 3M Casing Head

Surface CasingDate set: 4-Jan-03☒ New
☐ Used

Size 9 5/8 in
Set at 235 ft # Jnts: 5
Wt. 36 ppf Grade J-55
Hole Size 12 1/4 in
Wash Out 100 %
Est. T.O.C. SURFACE
Csg Shoe 235 ft
TD of surface 245 ft

Notified BLM @ 2223 hrs on 1/2/03Notified NMOCD @ 2322 hrs on 1/2/03**Intermediate Casing**Date set: 8-Jan-03☒ New
☐ Used

Size 7 in
Set at 3656 ft # Jnts: 85
Wt. 20 ppf Grade J-55
Hole Size 8 3/4 in
Wash Out 150 %
Est. T.O.C. SURFACE
Csg Shoe 3656 ft
TD of intermediate 3665 ft

Notified BLM @ 2304 hrs on 1/6/03Notified NMOCD @ 2309 hrs on 1/6/03**Production Casing**Date set: 11-Jan-03☒ New
☐ Used

Size 4 1/2 in
Wt. 10.5 ppf Grade J-55 from 0 to 7760 ft
Hole Size 6 1/4 in # Jnts: 180
Wash Out: 35 % # Pups: 2
Est. T.O.C. 2130 ft
Marker jnt @ 7317 ft
Marker jnt @ 4730 ft

Notified BLM @ 0729 hrs on 1/10/2003 FC 7757 ftNotified NMOCD @ 0731 hrs on 1/10/2003 Csg Shoe 7760 ftTD 7,763 ftMud Wt. @ TD AIR/N2 ppg**Cement** Date cmt'd: 4-Jan-03

Tail : 135 sx 50/50/B/POZ W/2% GEL,
5 #/SX GILSONITE, 3% CACL2,
1/2 #/SX FLOCELE & 0.2% CFR-3
MIXED @ 13.5 PPG & 1.32 CUFT/SX
Displacement vol. & fluid.: 15.2 FW
Bumped Plug at: 1600 HRS
Pressure Plug bumped: 400 PSI
Returns during job: YES
CMT Returns to surface: 12 BBLS
Floats Held: Yes No
W.O.C. for 12 hrs (plug bump to drlg cmt)

Cement Date cmt'd: 8-Jan-03

Lead : 415 SX CLASS B CEMENT W/3%
ECONOLITE, 10 PPS PHENOSEAL
MIXED @ 11.5 PPG & 2.88 CUFT/SX
Tail : 120 SX 50/50/B/POZ CEMENT
W/2% GEL & 6 PPS PHENOSEAL
MIXED @ 13.5 PPG & 1.33 CUFT/SX

Displacement vol. & fluid.: 146.2 BBLS FW
Bumped Plug at: 0650 HRS
Pressure Plug bumped: 1950 PSI
Returns during job: YES
CMT Returns to surface: 61 BBLS
Floats Held: X Yes No
W.O.C. for 16 hrs (plug bump to drlg cmt)

Cement Date cmt'd: 11-Jan-03

Lead : 425 SX 50/50/STD/POZ W/3% GEL
0.2% CFR-3, 0.1% HR-5, 0.8% HALAD-9
AND 5 PPS PHENOSEAL
MIXED @ 13.1 PPG & 1.45 CUFT/SX
Displacement vol. & fluid.: COMMENTS
Bumped Plug at: 1000 HOURS
Pressure Plug bumped: 2000 PSI
Returns during job: COMMENTS
CMT Returns to surface: NO-AIR HOLE
Floats Held: X Yes No

COMMENTS:Surface: NO FLOAT EQUIPMENT WAS RUN. WELL SHUT-IN WITH 100 PSI.Intermediate: NONE.

Production: DISPLACEMENT: 10 BBLS. FW, 100 BBLS. FW W/CLAY FIX II & 13.3 BBLS. FRESH WATER. CALCULATED TOC OF
2130' BASED ON A 655 PSI FINAL DIFFERENTIAL PRESSURE. NO RETURNS TO SURFACE, BECAUSE IT WAS AN
AIR HOLE.

CENTRALIZERS:Surface: 225', 191', 147' & 60'.Intermediate: CENTRALIZERS @ 3646', 3568', 2494', 1382' & 227'. TURBOLIZERS @ 2581' & 2538'.Production: NONE

Total: 4
Total: 7
Total: 0