

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.
NMSF079290

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 UNIT 258G		
3. Address PO BOX 2197 WL3 4066 HOUSTON, TX 77252			9. API Well No. 30-039-27249-00-C1		
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface Sec 23 T28N R7W Mer NMP SENW 1365FNL 2375FWL At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BLANCO MV / BASIN DAKOTA		
14. Date Spudded 01/28/2003			15. Date T.D. Reached 02/06/2003		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/09/2003			17. Elevations (DF, KB, RT, GL)* 6669 GL		
18. Total Depth: MD 7877 TVD			19. Plug Back T.D.: MD 7874 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	234		129		0	
8.750	7.000 J-55	20.0	0	3757		600		0	
6.250	4.500 J-55	11.0	0	7876		305		2150	

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	7639							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	7634	7820	7634 TO 7820	0.340	51	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7634 TO 7820	FRAC W/SLICKWATER @ 1G/MG FR, 50,000# 20/40 SAND & 2494 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
04/16/2003	04/07/2003	24	→	1.0	1058.0	2.0			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	170	845.0	→	1	1058	2		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 #21295 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOC

ACCEPTED FOR RECORD

MAY 02 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	1200		NACIMIENTO	1109
NACIMIENTO	1200	2561		OJO ALAMO	2541
OJO ALAMO	2561	2658		KIRTLAND	2616
				FRUITLAND	3114
				PICTURED CLIFFS	3372
				CHACRA	4320
				CLIFF HOUSE	4916
				MENEFEE	5154
				POINT LOOKOUT	5547
				GALLUP	6834
				GREENHORN	7524
				DAKOTA	7594

32. Additional remarks (include plugging procedure):

This well is a downhole commingled well in the Basin Dakota and Blanco Mesaverde. Attached are the daily summaries and wellbore schematic.

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 #21295 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by Adrienne Garcia on 05/02/2003 (03AXG1114SE)

Name (please print) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 05/01/2003

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 300392724900	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-28N-07W-23-F	N/S Dist. (ft) 1365.0	N/S Ref. N	E/W Dist. (ft) 2375.0	E/W Ref. W
Ground Elevation (ft) 6669.00	Spud Date 1/28/2003	Rig Release Date 2/7/2003	Latitude (DMS) 36° 39' 1.0008" N	Longitude (DMS) 107° 32' 35.9988" W			

Start Date	Ops This Rpt
2/15/2003 00:00	HELD SAFETY MEETING. RU SCHLUMBERGER. PRESSURED UP CSG TO 2000 #. RAN CBL LOG FROM 7852' TO 2000'. TOP OF CEMENT @ 2150'. RAN TDT LOG FROM 7852' TO 2200'. RAN GR/CCL LOG FROM 7852' TO SURFACE. TESTED 4 1/2" CSG TO 4300 #. HELD OK. RD SCHLUMBERGER. (SSM)
3/30/2003 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 7634' - 7644' W/ 1 SPF, 7666' - 7676' W/ 1 SPF, 7724' - 7726' W/ 1 SPF, 7754' - 7768' W/ 1 SPF, 7786' - 7788' W/ 1 SPF, 7807' - 7811' W/ 1 SPF, 7818' - 7820' W/ 1 SPF. A TOTAL OF 51 HOLES @ 0.34 DIA. SWION. RD BLUE JET. (SSM)
3/31/2003 00:00	HELD SAFETY MEETING. RU HALLIBURTON. FRAC'D THE DAKOTA. TESTED LINES TO 5218 #. SET POP OFF @ 3985 #. BROKE DOWN FORMATION @ 5 BPM @ 2140 #. DROPPED 24 BALL SEALERS IN 1000 GALS 15% HCL ACID @ 1 BALL PER BBL AND 2 BALLS PER BBL FOR THE REMAINING 17 BALL SEALERS @ 15 BPM @ 1642 #. A TOTAL OF 41 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 2270 #. RU BLUE JET. RIH W/ JUNK BASKET RETRIVED 40 BALLS. PUMPED PRE PAD @ 40 BPM @ 2212 #. STEPPED DOWN RATE TO 31 BPM @ 1901 #. STEPPED DOWN RATE TO 21 BPM @ 1651 #. STEPPED DOWN RATE TO 10 BPM @ 1356 #. ISIP 1166 #. 5 MIN 922 #. 10 MIN 796 #. 15 MIN 693 #. 20 MIN 606 #. 25 MIN 541 #. 30 MIN 466 #. FRAC'D THE DAKOTA W/ SLICKWATER @ 1g/mg FR, 50,000 # 20/40 SUPER LC SAND & 2494 BBLs FLUID. AVG RATE 55 BPM. AVG PRESSURE 3268 #. MAX PRESSURE 3451 #. MAX SAND CONS .70 # PER GAL. ISIP 1535 #. FRAC GRADIENT .59. (SSM).
3/31/2003 00:00	HELD SAFETY MEETING. RU BLUE JET. RIH W/ 4 1/2" COMPOSITE PLUG. SET PLUG @ 5750'. TESTED PLUG TO 4300 #. HELD OK. PERFORATED THE CLIFF HOUSE & POINT LOOKOUT W/ 3 1/8" 120 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 5026- 5034' W/ 1/2 SPF, 5070' - 5078' W/ 1/2 SPF, 5141' - 5147' W/ 1/2 SPF, 5572' - 5580' W/ 1/2 SPF, 5600' - 5606' W/ 1/2 SPF, 5628' - 5632' W/ 1/2 SPF, 5658' - 5664' W/ 1/2 SPF. A TOTAL OF 30 HOLES. FRAC'D THE POINT LOOKOUT. TESTED LINES TO 5300 #. SET POP-OFF @ 3984 #. BROKE DOWN FORMATION @ 5 BPM @ 1616 #. DROPPED 26 BALL SEALERS @ 1 BALL PER BBL @ 15 BPM @ 1184 #.. A TOTAL OF 26 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3196 #. RIH W/ JUNK BASKET AND RETRIEVED 26 BALLS. PUMPED PRE PAD @ 41 BPM @ 1524 #. STEPPED DOWN RATE TO 32 BPM @ 974 #. STEPPED DOWN RATE TO 21 BPM @ 393 #. STEPPED DOWN RATE TO 10 BPM @ 0 #. ISIP 0 #. 5 MIN 0 #. FRAC'D THE POINT LOOKOUT 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, 2,240,000 SCF N2 AND 1747 BBLs FLUID. AVG RATE 55 BPM. AVG PRESSURE 2388 #. MAX PRESSURE 2628 #. MAX SAND CONS 1.50 # PER GAL. ISIP 1446 #. FRAC GRADIENT .44. RD HALLIBURTON

Daily Summary

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Start Date	Ops This Rpt
4/2/2003 00:00	JSA, SAFETY MEETING, SICP 870#, BLOW WELL DOWN, KILL WELL 40 BBLS. 2% KCL, RIH WITH BIT AN TBG., TAG FILL AT 5650'. RU AIR UNIT, EST. RATE C/O TO PLUG AT 5750'. CIRCULATE FROM THERE. SHUT DOWN AIR. WELL MAKING SOME WATER AN SOME SAND. AT END OF DAY, WELL MAKING NO SAND AN VERY LITTLE WATER. RIH WITH TGB TAG UP, NO FILL, PU TBG TO 4900'. ABOVE PERFS. SECURE WELL SDFN.
4/2/2003 00:00	JSA, SAFETY MEETING, ROAD RIG TO LOCATION, SPOT IN RIG AN EQUIPMENT, RIG UP, SICP 920#, 0# BRAIDEN HEAD, RIG UP FLOW BACK LINES, TEST LINES TO 1500#, START FLOW BACK ON 1/2" CHOKE NIPPLE. WELL FLOWING LOTS OF FLUIDS AN SAND. FLOW CSG DOWN TO 500#, RU PUMP AN KILL WELL WITH 40 BBLS. OF 2% KCL, RD FRAC Y AN VALVES. RU BOP, RU FLOOR. TEST BOP, 3000# AN 300# ON BOTH RAMS AN BLINDS., SEUCRE WELL SDFN
4/3/2003 00:00	JSA, SAFETY MEETING, SICP 860#, BLOW WELL DOWN, RIH WITH TBG TAG UP AT 5750', NO FILL. PU TBG TO 5600'. SHUT IN. OPEN UP CSG ON 1/2" CHOKE NIPPLE. BEGAN FLOW TEST. STABLE FLOW TEST MV. AS FOLLOWED: TEST ON 1/2" CHOKE NIPPLE, FLOWING CSG. PRESS. 550#, FLOW RATE AT 3424 MCF., 1 BBL. WATER 0 BBL. OF OIL, WITNESS BY GILBERT BENNETT, KEY ENERGY, J., VALDEZ, COPC. DATE OF TEST 4/4/03. KILL TBG, RIH WITH TBG TAG PLUG, RU AIR UNIT, EST CIRCULATION, DRILL OUT COMP. PLUG AT 5750', WELL FLOWING HEAVY FLUIDS AN SOME SAND, LET WELL FLOW, AT END OF DAY WELL FLOWING SOME FLUIDS WITH VERY LITTLE SAND. SHUT WELL IN. SDFN.
4/4/2003 00:00	day off
4/5/2003 00:00	DAY OFF
4/6/2003 00:00	JSA, SAFETY MEETING SICP 890#, BLOW WELL DOWN, RIH WITH TBG, TAG FILL AT 7809', ALL PERF OPEN. RU AIR UNIT, EST CIRCULATION., C/O FILL OUT TO PBTD. 7871' PUMP SWEEP, SHUT DOWN AIR, PU ONE STAND, CIRCULATE REST OF PM. RIH WITH TBG, TAG AT 7871' NO NEW FILL., POOH WITH 85 STANDS. SECURE WELL SDFN.
4/7/2003 00:00	JSA, SAFETY MEETING, SICP 860#, BLOW WELL DOWN, KILL WELL WITH 40 BBLS OF KCL. CONT. TO POOH WITH TBG AN BIT. RIH WITH PACKER AN TBG, SET AT 7508'. RU FLOW BACK ON 1/2 " CHOKE NIPPLE. FIRST HOUR: 180# ON TBG, 840# ON CSG. (CSG SHUT IN BEHIND PACKER) WELL MAKING SOME OIL AN WATER. 2ND HOUR: 170# ON TBG, 845# ON CSG. MAKING WATER AN SOME OIL. 3RD HOUR, 170#, 845# ON CSG, SOME OIL AN WATER. 4TH HOUR, 170#, TBG, 845# CSG. SOME OIL AN WATER. TEST FOR DK AS FOLLOWED; 170# TBG PRESS. FLOWING ON 1/2" CHOKE NIPPLE, FLOW RATE 1058 MCF, ONE BBL. OIL, TWO BBLS. WATER., EOT AT 5708'. 4/8/03, WITNESS BY GILBERT BENNETT, KEY ENERGY, J. VALDEZ, COPC. RELEASE PACKER, AN POOH WITH TBG AN PACKER. RIH WITH EXPENDABLE CHECK, 4' SUB, F-NIPPLE (1.81 ID) AN TBG, TAG PBTD AT 7874'. PU AN LAY DOWN 8 JOINTS OF TBG. LAND TBG AT 7639'. SN AT 7634'. NDBOP, NUWH. SECURE WELL, DRAIN UP, SDFN.
4/8/2003 00:00	SHUT DOWN
4/9/2003 00:00	JSA, SAFETY MEETING, SICP, 860#, BLOW WELL DOWN, RU AIR UNIT TO TBG, EST RATE, PUMP 5 BBLS OF WATER, DROP BALL, TEST TBG TO 1000# HELD OKAY, PUMP OUT CHECK 1600#, CIRCULATE FLUIDS OUT, SHUT DOWN AIR, SHUT IN CSG, OPEN UP TBG, FLOW WELL CLEAN OUT AIR. RD AIR UNIT, RELEASE, RD PULLING UNIT AN EQUIPMENT. SHUT WELL IN, SECURE. SDFN LAST REPORT JWV.



END OF WELL SCHEMATIC

Well Name: **SAN JUAN 28-7 258G**API #: **30-039-27249**Spud Date: **28-Jan-03**Spud Time: **06:30**TD Date: **6-Feb-03**Rig Release Date: **7-Feb-03**RKB TO GROUND LEVEL: **13** FT

ALL DEPTHS ARE FROM RKB

7 1/16" 5M x 2 1/16" Tree Adapter/Cap

11" 3M x 7 1/16" 5M Tubing Head

11" 3M x 11" 3M Casing Spool

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

Surface Casing Date set: **28-Jan-03**Size **9 5/8** inSet at **234** ft # Jnts: **5**Wt. **36** ppf Grade **J-55**Hole Size **12 1/4** inWash Out **125** %Est. T.O.C. **0** ftCsg Shoe **234** ftTD of surface **245** ftNotified BLM @ **16:00** hrs on **1/27/03**Notified NMOCD @ **16:00** hrs on **1/27/03**☒ New
☐ Used**Intermediate Casing** Date set: **3-Feb-03**Size **7** inSet at **3757** ft # Jnts: **87**Wt. **20** ppf Grade **J-55**Hole Size **8 3/4** inWash Out **150** %Est. T.O.C. **SURFACE**Csg Shoe **3757** ftTD of intermediate **3767** ftNotified BLM @ **14:00** hrs on **1/31/03**Notified NMOCD @ **14:00** hrs on **1/31/03**☒ New
☐ Used**Production Casing** Date set: **7-Feb-03**Size **4 1/2** inWt. **10.5** ppf Grade **J-55** from **0** to **7876** ftHole Size **6 1/4** inWash Out **60** %Est. T.O.C. **2000** ftMarker jnt @ **7312** ft# Jnts: **184**Notified BLM @ **16:00** hrson **2/6/2003**FC **7874** ftNotified NMOCD @ **16:00** hrs

2/6/2003

Csg Shoe **7876** ftTD **7,877** ft**Cement** Date cmt'd: **28-Jan-03**Lead: **129 sx(32 BBLS) Type III+ 2% CaCl2****.25 pps cello-flake + 3% gel @ 13.5 ppg.**

Tail: _____

Displacement vol. & fluid.: **16 BBL FW**Pumping Done at: **18:30 HRS, 1/28/03**Final Pressure: **50 PSI**Returns during job: **YES**CMT Returns to surface: **20**Floats Held: ☒ Yes ☐ NoW.O.C. for **22** hrs (plug bump to drlg cmt)**Cement** Date cmt'd: **4-Feb-03**Lead: **550 SX (193 BBL) PL FM+3 #/SK CSE, .3% KCL****.25 LBS/SX CELLOFLK+.4% FL-25, 5 #/SK LCM-1 +****4 #/SK PHENOSEAL (12 PPG, 2.41 YD)**Tail: **50 SX (12 BBL) TYPE III+1% CaCl2+****.25 LBS/SX CELLO FLAKE (14.5 PPG, 1.40 YD).**Displacement vol. & fluid.: **150 BBLS FW**Bumped Plug at: **00:35 HRS**Pressure Plug bumped: **1640**Returns during job: **SEE COMMENTS**CMT Returns to surface: **0**Floats Held: ☒ Yes ☐ NoW.O.C. for **21** hrs (plug bump to drlg cmt)**Cement** Date cmt'd: **7-Feb-03**Lead: **SEE COMMENTS**Tail: **25 Sks (8 BBLS) PLHS FM +3****#/SK CSE, + 0.25 #/sk cello flake + 4 #/sk****Pheno Seal +0.2% CD-32+ 0.75%FL-52****+ 87.1% FW AT 13.0 PPG (1.83 yd.)**Displacement vol. & fluid.: **125 BBLS KCL**Bumped Plug at: **10:35**Pressure Plug bumped: **1500**Returns during job: **N/A**CMT Returns to surface: **N/A**Floats Held: ☒ Yes ☐ No**Double Bumped Plug.**Mud Wt. @ TD **AIR** ppg**COMMENTS:**

Surface: _____

Intermediate: **LOST CIRCULATION 30 BBLS INTO 150 BBLS DISPLACEMENT. DISPLACED AT 1 BPM FOR REMAINDER. TOC BY TEMP SURVEY = 680'. NO SQZ PER BLM.**Production: **Scavenger = 25 sx PLHS FM + 3 #/sk CSE, .2% CD-32, .75% FL-52, 1 #/sk LCM-1, .25 #/sk cello-flake, .3% R-3****Lead 1= 50 sx PLHS FM + 3 #/sk CSE, .2% CD-32, .75% FL-52, 1 #/sk LCM-1, .25 #/sk cello-flake, .3% R-3 + 4 #/sk Pheno Seal.****Lead 2= 230 sx PLHS FM + 3 #/sk CSE, .2% CD-32, .75% FL-52, 1 #/sk LCM-1, .25 #/sk cello-flake, .3% R-3 + 2.5 #/sk Pheno Seal.****CENTRALIZERS:**Surface: **ONE 10' ABOVE SHOE. ONE ON JTS. 2,3, & 5.**Total: **5**Intermediate: **ONE MIDDLE OF SHOE JT; EVERY 5TH JT TO SFC CSG.**Total: **18**Production: **TWO CENTRALIZERS INSIDE SURFACE CSG.****Survey @ 7874' - 1"**Total: **N/A**