

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.  
NMSF078284

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. NMNM78416B		
2. Name of Operator CONOCOPHILLIPS COMPANY			8. Lease Name and Well No. PHISN S100M29-6 UNIT 75M		
3. Address P O BOX 2197 WL 6106 HOUSTON, TX 77252			9. API Well No. 30-039-27553-00-C2		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 23 T29N R6W Mer NMP At surface SESE 10FSL 655FEL 36.70394 N Lat, 107.42499 W Lon At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BLANCO MV / BASIN DAKOTA		
14. Date Spudded 12/06/2004			15. Date T.D. Reached 12/13/2004		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/14/2005			17. Elevations (DF, KB, RT, GL)* 6448 GL		
18. Total Depth: MD 7861 TVD		19. Plug Back T.D.: MD 7858 TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL TDT GR CCL			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 checked="" type="checkbox"/> No <input 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 H-40	32.3	0	227		150		0	
8.750	7.000 J-55	20.0	0	3648		610		0	
6.250	4.500 N-80	11.6	0	7860		465		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	7687							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	5144	5678	5144 TO 5498	0.340	41	OPEN
B)			5548 TO 5678	0.340	52	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
5144 TO 5498	FRAC'D W/65 Q SLICKFOAM; 100,000# 16/30 BRADY SAND; 1,362,100 SCF N2 & 1210 BBLs FLUID.
5548 TO 5678	FRAC'D W/65 Q SLICKFOAM; 60,000# 16/30 BRADY SAND; 967,800 SCF N2 & 925 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
02/14/2005	02/09/2005	24	→	0.0	1386.0	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	0	210.0	→	0	1386	5		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)

ELECTRONIC SUBMISSION #54247 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

NMOC

ACCEPTED FOR RECORD

FEB 22 2005

FARMINGTON FIELD OFFICE  
BY 

## 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.)

VENTED

## 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	1300		NACIMIENTO	1236
NACIMIENTO	1300	2546		KIRTLAND	2721
OJO ALAMO	2546	2732		PICTURED CLIFFS	3351
				CHACRA	4341
				MENEFEE	5231
				PT LOOKOUT	5541
				GALLUP	6821
				DAKOTA	7711

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

This is a downhole commingled well producing from the Blanco Mesaverde and Basin Dakota. Daily summary is attached.

## 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 #54247 Verified by the BLM Well Information System.  
For CONOCOPHILLIPS COMPANY, sent to the Farmington  
Committed to AFMSS for processing by ADRIENNE BRUMLEY on 02/22/2005 (05AXB0822SE)**

Name (please print) CHRIS GUSTARTISTitle AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission)

Date 02/18/2005

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 \*\***

## SAN JUAN 29 6 UNIT #075M

## Initial Completion In Process

## Daily Summary

API/UWI 300392755300	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-29N-06W-23-P	N/S Dist. (ft) 10.0	N/S Ref. S	E/W Dist. (ft) 655.0	E/W Ref. E
Ground Elevation (ft) 6448.00	Spud Date 12/06/2004	Rig Release Date 12/14/2004	Latitude (DMS) 36° 42' 14.184" N	Longitude (DMS) 107° 25' 29.964" W			

Start Date	Ops This Rat
12/17/2004 07:00	HELD PRE-JOB SAFETY MEETING. RU SCHLUMBERGER PRESSURED UP CSG TO 1500 #. RAN CBL LOG FROM 7850' TO 2100'. TOP OF CEMENT @ 2300'. RAN TDT LOG FROM 7850' TO 2400'. RAN GR/CCL LOG FROM 7850' TO SURFACE. RD SCHLUMBERGER.
12/19/2004 12:00	HELD PRE-JOB SAFETY MEETING. RU ISOLATION TOOL. TESTED 4 1/2" CSG TO 6700 # FOR 30 MIN. HELD OK. RD ISOLATION TOOL. SWI.
01/10/2005 16:00	HELD SAFETY MEETING. RU BLUE JET. PERFORATED THE DAKOTA. RIH W/ 3 1/8" 120 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 7685' - 7708' W/ 2 SPF, 7756' - 7770' W/ 2 SPF. A TOTAL OF 74 HOLES @ 0.34 DIA.
01/17/2005 07:00	HELD SAFETY MEETING. RU ISOLATION TOOL. RU SCHLUMBERGER. FRAC'D THE DAKOTA. TESTED LINES TO 7700 #. SET POP OFF @ 6000 #. BROKE DOWN FORMATION @ 6 BPM @ 2719 #. PUMPED PRE PAD @ 42 BPM @ 2991 #. STEPPED DOWN RATE TO 35 BPM @ 2722 #. STEPPED DOWN RATE TO 25 BPM @ 2184 #. STEPPED DOWN RATE TO 20 BPM @ 1958 #. STEPPED DOWN RATE TO 10 BPM @ 1717 #. ISIP 1660 #. 5 MIN 1039 #. 10 MIN 774 #. 15 MIN 546 #. 20 MIN 366 #. 25 MIN 213 #. 30 MIN 144 #. PUMPED 1000 GALS OF 15% HCL ACID @ 6 BPM @ 1719 #. FRAC'D THE DAKOTA W/ SLICKWATER @ 1.25 g/mg FR, 40,000 # 20/40 CARBOLITE SAND & 3990 BBLS FLUID. AVG RATE 55 BPM. AVG PRESSURE 4417 #. MAX PRESSURE 5460 #. MAX SAND CONS 40 # PER GAL. ISIP 2990 #. FRAC GRADIENT .66. SWI.
01/18/2005 07:00	HELD SAFETY MEETING. RU BLUE JET. RIH W/ 4 1/2" COMPOSITE PLUG. SET PLUG @ 5770'. TESTED PLUG TO 4800 #. HELD OK. PERFORATED THE PL W/ 3 1/8" 90 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 5548' - 5562' W/ 1 SPF, 5578' - 5584' W/ 1 SPF, 5597' - 5610' W/ 1 SPF, 5626' - 5636' W/ 1 SPF, 5674' - 5678' W/ 1 SPF. A TOTAL OF 52 HOLES W/ 0.34 DIA. RU SCHLUMBERGER. RU ISOLATION TOOL. FRAC'D THE POINT LOOKOUT. TESTED LINES TO 5800 #. SET POP OFF @ 4500 #. BROKE DOWN FORMATION @ 3 BPM @ 2092 #. PUMPED PRE PAD @ 40 BPM @ 1072 #. STEPPED DOWN RATE TO 35 BPM @ 759 #. STEPPED DOWN RATE TO 30 BPM @ 546 #. STEPPED DOWN RATE TO 25 BPM @ 296 #. ISIP 0 #. PUMPED 1000 GALS OF 15% HCL ACID @ 15 BPM @ 60 #. FRAC'D THE POINT LOOKOUT W/ 65 Q SLICK FOAM W/ 1 G/MG FR, PUMPED 60,000 # OF 16/30 BRADY SAND (SCREENED OUT ON 50% OF THE 125,000 # BRADY SAND), 967,800 SCF N2 & 925 BBLS FLUID. AVG RATE 45 BPM. AVG PRESSURE 2684 #. MAX PRESSURE 3780 #. MAX SAND CONS 1 # PER GAL. ISIP 3643 #. FRAC GRADIENT .44. SWI. RD SCHLUMBERGER.
01/19/2005 07:00	HELD SAFETY MEETING. RU COIL TBG. SICP 450 #. RIH W/ COIL TBG. TAGGED SAND @ 5590'. 190' OF SAND. PERFS @ 5548' TO 5678'. PLUG @ 5770'. CLEANED OUT FROM 5590' TO COMPOSITE PLUG @ 5770' CIRCULATED WELL CLEAN W/ AIR. POOH W/ COIL TBG. SWI. RD COIL TBG.
01/21/2005 07:00	HELD SAFETY MEETING. RU BLUE JET. RIH W/ 4 1/2" COMPOSITE PLUG. SET PLUG @ 5515'. TESTED PLUG TO 4800 #. HELD OK. PERFORATED THE CH & MENE W/ 3 1/8" 90 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 5144' - 5148' W/ 1/2 SPF, 5186' - 5196' W/ 1/2 SPF, 5206' - 5214' W/ 1/2 SPF, 5220' - 5228' W/ 1/2 SPF, 5362' - 5376' W/ 1/2 SPF, 5410' - 5424' W/ 1/2 SPF, 5488' - 5498' W/ 1/2 SPF. A TOTAL OF 41 HOLES W/ 0.34. SWI. RD BLUE JET.
01/25/2005 07:00	HELD SAFETY MEETING. RU SCHLUMBERGER. FRAC'D THE CH & MENE. TESTED LINES TO 5800 #. SET POP-OFF @ 4500 #. BROKE DOWN FORMATION @ 6 BPM @ 938 #. PUMPED PRE PAD @ 30 BPM @ 1266 #. STEPPED DOWN RATE TO 25 BPM @ 958 #. STEPPED DOWN RATE TO 20 BPM @ 668 #. STEPPED DOWN RATE TO 15 BPM @ 408 #. STEPPED DOWN RATE TO 10 BPM @ 182 #. ISIP 0 #. PUMPED 1000 GALS OF 15% HCL ACID @ 8 BPM @ 0 #. FRAC'D THE CH & MENE W/ 65 Q SLICK FOAM W/ 1 G/MG FR, 100,000 # 16/30 BRADY SAND, TREATED THE LAST 15% OF PROPPANT VOLUME WITH PROPNET FOR PROPPANT FLOWBACK CONTROL. 1,362,100 SCF N2 & 1210 BBLS FLUID. AVG RATE 55 BPM. AVG PRESSURE 2641 #. MAX PRESSURE 3180 #. MAX SAND CONS 1.50 # PER GAL. ISIP 2438 #. FRAC GRADIENT .44. SWI. RD SCHLUMBERGER. START FLOWBACK.
02/02/2005 07:00	PJSM W/ CREWS. ROAD UNIT AND EQUIPMENT FROM SJ 29-6# 107M TO SJ 29-6 # 75M. SPOT UNIT AND EQUIPMENT. RU UNIT. RU PUMP. SICP= 650#. BWD, KILL CSG. W/ 30 BBL 2% KCL. SET HANGER. ND FRAC STACK, NU BOPE, TEST BOPE TO 200# LOW AND 3000# HIGH. TEST WAS GOOD. WITNESSED BY G. MAEZ W/ KEY ENERGY SERVICES. POOH W/ HANGER, NU BLOOIE T, RU FLOOR AND TBG. TOOLS. MUD AND RUTS TO DEEP. ON LOCATION. SD AND WILL SPREAD ROAD BASE TO ELIMINATE TRIP HAZARDS. SECURE WELL SDFN.
02/03/2005 17:00	PJSM W/ CREWS, DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. SPREAD ROAD BASE OVER WORK PORTION OF LOCATION, RU BLOOIE LINE. RU 2" FLOW LINE, RU AIR UNIT. PLACE CONCRETE BLOCKS. SICP= 540#, BWD, MU AND TIH W/ 3 7/8" 3 BLADED MILL, BIT SUB, STRING FLOAT, AND 60 JTS 2 3/8" TBG. TONG HEADS BROKE. SD UNABLE TO TRIP PIPE. SECURE WELL DRAIN EQUIPMENT. SDFN.
02/04/2005 17:00	PJSM W/ CREWS. SICP= 640#. BWD, TIH PICKING UP W/ 55 JTS 2 3/8" TBG. UNLOAD HOLE W/ AIR @ 3770'. CONTINUE TO TIH AND TAG FILL @ 5475'. UNLOAD HOLE AND C/O FILL FROM 5475' TO CBP @ 5515'. CIRCULATE CLEAN. RU SWIVEL, D/O CBP, TIH W/ 6 JTS AND TAG FILL @ 5705'. C/O FILL W/ AIR ASSIST TO CBP @ 5770'. CIRCULATE CLEAN. POOH W/ 22 JTS. DRAIN EQUIPMENT. SECURE WELL SDFN.
02/07/2005 07:00	PJSM W/ CREWS, DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. SICP= 680#. BWD, TOOH W/ 162 JTS 2 3/8" TBG. LD MILL, BIT SUB AND STRING FLOAT. MU AND TIH W/ 2 3/8" EXP. CK, 1.81" FN AND 184 JTS 2 3/8" TBG. TAG FILL @ 5760'. BREAK CIRCULATION W/ AIR. UNLOAD HOLE, C/O FILL FROM 5760' TO CBP @ 5770'. CIRCULATE CLEAN. PUMP OFF CK. POOH W/ 23 JTS ( EOT@ 5054' KB ). RU FLOW LINE ON TBG. W/ 1/2" CHOKE @ SURFACE. PREP FOR LOG. SECURE WELL, DRAIN EQUIPMENT. SWIFN.

## Daily Summary

API/UWI 300392755300	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-29N-06W-23-P	N/S Dist. (ft) 10.0	N/S Ref. S	E/W Dist. (ft) 655.0	E/W Ref. E
Ground Elevation (ft) 6448.00	Spud Date 12/06/2004	Rig Release Date 12/14/2004	Latitude (DMS) 36° 42' 14.184" N	Longitude (DMS) 107° 25' 29.964" W			

Start Date	Ops This Rot
02/08/2005 07:00	PJSM W/ CREWS. SICP= 670#. 2 3/8" TBG SET @ 5054' KB. OPEN WELL FLOWING UP TBG.. WAIT FOR WIRELINE. PJSM W/ WIRELINE AND LOGGERS. RU WIRELINE. RIH W/ EOT LOCATOR AND FIND @ 5056'. CONTINUE IN HOLE AND TAG @ 5765'. POOH. RU COMPLETION PROFILE TOOLS. RIH TO 5100'. GET STATIC BHP. RIH BELOW PERFS. OPEN WELL FLOWING UP TBG W/ 1/2" CHOKE @ SURFACE. PRESSURES STABILIZED @ FTP= 190#, SICP= 560#. LOG MV INTERVAL. SWI, POOH W/ TOOLS. RETRIVE DATA. RD SERVICE COMPANYS. TOOH W/ 161 JTS 2 3/8" TBG. LD FN. MU AND RIH W/ 3 7/8" MILL, BIT SUB, STRING FLOAT AND 161 JTS 2 3/8" TBG. DRAIN EQUIPMENT. SECURE WELL SDFN.
02/09/2005 07:00	PJSM W/ CREWS. SICP= 600#. BWD, TIH W/ 23 JTS TBG. TAG FILL @ 5767'. UNLOAD HOLE AND C/O TO CBP W/ AIR ASSIST. POOH W/ 12 JTS TO 5402'. FLOW TEST MV FORMATION AS FOLLOWS: MV PERFS- 5144'- 5678' EOT @ 5402' KB. WELL FLOWING UP CSG TO ATMOSPHERE W/ 1/2" CHOKE @ SURFACE. CHOKE COEFFICIENT= 6.6 SITP= N/A FCP= 210# MV PRODUCTION= 1386 MCF/D 5 BWPD 0 BOPD NO SAND. TEST WITNESSED BY G. MAEZ W/ KEY ENERGY SERVICES TIH W/ 12 JTS. RU SWIVEL. D/O CBP @ 5770'. CONTINUE TO TIH AND TAG FILL @ 7723'. RU SWIVEL. UNLOAD HOLE AND C/O FILL W/ AIR ASSIST TO PBTD OF 7837'. CIRCULATE CLEAN. POOH W/ 100 JTS 2 3/8" TBG. DRAIN EQUIPMENT SECURE WELL SWIEN.
02/10/2005 07:00	PJSM W/ CREWS, DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. SICP= 600#. BWD, TOOH W/ 151 JTS 2 3/8" TBG LD MILL. MU AND TIH W/ 2 3/8" 1/2 MS EXP. CK, 1.81" F PROFILE NIPPLE, AND 250 JTS 2 3/8" TBG. TAG FILL @ 7843'. BREAK CIRCULATION W/ AIR UNLOAD HOLE AND C/O FILL TO PBTD OF 7855'. CIRCULATE CLEAN. POOH W/ 8 JTS TO 7594'. PUMP OFF CHECK @ 1020#. RU TBG. FLOW LINE. PREP FOR DK PROD LOG. DRAIN EQUIPMENT. SECURE WELL SDFN.
02/11/2005 07:00	PJSM W/ CREWS. SICP= 670#. SITP= 740#. EOT SET @ 7594'. RU H& H WIRELINE. RIH W/ EOT LOCATOR. FIND @ 7596' SLM, CONTINUE TO RIH AND TAG FILL @ 7852' SLM. POOH. RU PROTECHNICS COMPLETEION PROFILE LOGGING TOOLS. RIH TO 7635' GET SBHP. RIH BELOW PERFS. OPEN WELL FLOWING TO ATMOSPHERE W/ 1/2" CHOKE @ SURFACE. PRESSURES STABILIZED @ FTP= 135#, SICP= 610#. LOG DK INTERVAL. POOH. DATA WAS BAD DUE TO NOISE IN COLLAR LOCATOR. RU NEW TOOLS. RIH AND REPEAT LOG PROCESS. PRESSURE STABILIZED SAME AS ABOVE. POOH W/ TOOLS. RETRIVE DATA. DATA WAS GOOD. SECURE WELL SDFN.  DK PRODUCTION LOG TEST DATA: DK GAS= 779 MSCF/D OIL= 0 BPD WATER= 25 BPD
02/14/2005 07:00	PJSM W/ CREWS. SICP= 670#, SITP= 830#. BWD, TIH W/ 2 JTS AND ( 2 ) 10' 2 3/8" SUBS LAND TBG. W/ EOT @ 7687' KB. TOP OF 1.81" FN @ 7685'. ND BOPE, NU TBG. MASTER VALVE. TEST SEALS IN WH. RD UNIT AND EQUIPMENT. PREP TO MOVE RIG TO YD FOR ANNUAL INSPECTION. ( TURN WELL OVER TO CONSTRUCTION GROUP TO BUILD FACILITIES). FINAL REPORT.