

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 31 2012

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office

5. Lease Serial No.

SF-078640

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other ☐
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,

6. If Indian, Allottee or Tribe Name

NIMNM-78413C-DA

7. Unit or CA Agreement Name and No.

SAN JUAN 28-7 UNIT

2. Name of Operator

ConocoPhillips Company

8. Lease Name and Well No.

San Juan 28-7 Unit 217N

3. Address

PO Box 4289, Farmington, NM 87499

3a. Phone No. (include area code)

(505) 326-9700

9. API Well No.

30-039-31089 - PAC 1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface

UNIT E (SW/NW), 1645' FNL & 1119' FWL

At top prod. Interval reported below

UNIT F (SE/NW), 1418' FNL & 2398' FWL

At total depth

UNIT F (SE/NW), 1418' FNL & 2398' FWL

14. Date Spudded

9/13/2012

15. Date T.D. Reached

9/30/2012

16. Date Completed

☐ D & A ☒ Ready to Prod.

12/14/2012 GRC

18. Total Depth:

MD

7695'

19. Plug Back T.D.:

MD

7674'

20. Depth Bridge Plug Set:

MD

TVD

7463'

TVD

7442'

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

GR/CCL/CBL

22. Was well cored?

☒ No☐ Yes (Submit analysis)

Was DST run?

☒ No☐ Yes (Submit report)

Directional Survey?

☐ No☒ Yes (Submit copy)

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 1/4"	9 5/8" / H-40	32.3#	0	348'	n/a	101sx-Pre-mix	29bbbs	Surface	1bbl
8 3/4"	7" / J-55	23#	0	5058'	n/a	664sx-Premium Lite	239bbbs	Surface	57bbbs
6 1/4"	4 1/2" / L-80	11.6#	0	7687'	n/a	216sx-Premium Lite	78bbbs	3665'	n/a

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 3/8", 4.7#, L-80	7548'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Dakota	7476'	7558'	ISPF	.34"	16	open
B) Dakota	7574'	7645'	2SPF	.34"	40	open
C) Total					56	
D)						

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

Depth Interval	Amount and Type of Material
7476' - 7645'	Acidize w/ 10bbbs of 15% HCL. Frac'd w/ 40,362gal w/ 40,504# of 20/40 Arizona sand. Pumped 116bbbs of fluid. Total N2:2,358,000SCF.

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
12/14/2012 GRC	12/19/2012	1hr.	→	0/boph	53/mcf/h	2/bwph	n/a	n/a	FLOWING
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	SI-1075psi	SI-975psi	→	0/bopd	1263/mcf/d	45/bwpd	n/a		SHUT IN

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		→						

*(See instructions and spaces for additional data on page 2)

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DEC 31 2012

FARMINGTON FIELD OFFICE

BY William Tambekou

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 (Solid, used for fuel, vented, etc.)

TO BE SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, 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
Ojo Alamo	2205'	2373'	White, cr-gr ss	Ojo Alamo	2205'
Kirtland	2373'	2833'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2373'
Fruitland	2833'	3050'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2833'
Pictured Cliffs	3050'	3227'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3050'
Lewis	3227'	3552'	Shale w/ siltstone stringers	Lewis	3227'
Huerfano Bentonite	3552'	4031'	White, waxy chalky bentonite	Huerfano Bentonite	3552'
Chacra	4031'	4819'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4031'
Mesa Verde	4819'	4850'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4819'
Menefee	4850'	5412'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4850'
Point Lookout	5412'	5806'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5412'
Mancos	5806'	6600'	Dark gry carb sh.	Mancos	5806'
Gallup	6600'	7371'	Lt. gry to brn calc carb micac glauc silts & very fine gry gr ss w/ irreg. interbed sh.	Gallup	6600'
Greenhorn	7371'	7421'	Highly calc gry sh w/ thin lmst.	Greenhorn	7371'
Graneros	7421'	7472'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7421'
Dakota	7472'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7472'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

This is a Blanco Mesaverde & Basin Dakota commingle well under DHC3679AZ.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Arleen White

Title Staff Regulatory Tech.

Signature

Arleen White

Date

12/31/12

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.

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well		<input type="checkbox"/> Oil Well	<input checked="" type="checkbox"/> Gas Well	<input type="checkbox"/> Dry	<input type="checkbox"/> Other				
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:									
2. Name of Operator ConocoPhillips Company									
3. Address PO Box 4289, Farmington, NM 87499			3a. Phone No. (include area code) (505) 326-9700						
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface UNIT E (SW/NW), 1645' FNL & 1119' FWL At top prod. Interval reported below UNIT F (SE/NW), 1418' FNL & 2398' FWL At total depth UNIT F (SE/NW), 1418' FNL & 2398' FWL									
14. Date Spudded 9/13/2012		15. Date T.D. Reached 9/30/2012		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/12/2012 GRC					
18. Total Depth: MD 7695' TVD 7463'		19. Plug Back T.D.: MD 7674' TVD 7442'		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/CCL/CBL			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 report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)						
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" / H-40	32.3#	0	348'	n/a	101sx-Pre-mix	29bbls	Surface	1bbl
8 3/4"	7" / J-55	23#	0	5058'	n/a	664sx-Premium Lite	239bbls	Surface	57bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7687'	n/a	216sx-Premium Lite	78bbls	3665'	n/a
						RCD JAN 7 '13 ON COMS. DIV. DIST 2			
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 3/8", 4.7#, L-80	7548'	n/a							
25. Producing Intervals						26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Point Lookout	5414'	5732'	ISPF	.34"	25	open			
B) Menefee	5086'	5314'	ISPF	.34"	25	open			
C) Total					50				
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.						Amount and Type of Material			
Depth Interval		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 42,294gal 70Q N2 Slickwater w/ 100,593# of 20/40 Arizona sand. Pumped 84bbls of fluid. Total N2:1,576,000SCF.							
5414' - 5732'									
5086' - 5314'		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 22,092gal 70Q N2 Slickwater w/ 45,672# of 20/40 Arizona sand. Pumped 76bbls of foam flush. Total N2:1,211,000SCF.							
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
12/12/2012 GRC	12/13/2012	1hr.	0/boph	0/boph	33/mcf/h	2/bwph	n/a	n/a	FLOWING
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	SI-1075psi	SI-975psi	0/bopd	791/mcf/d	51/bwpd	n/a			SHUT IN
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									

*(See instructions and spaces for additional data on page 2)

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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 (Solid, used for fuel, vented, etc.)

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