

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DEC 20 2012

5. Lease Serial No.

SF-078840

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

Farmington Field Office
Bureau of Land Management

6. If Indian, Allottee or Tribe Name

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 110P

3. Address

PO Box 4289, Farmington, NM 87499

3a. Phone No. (include area code)

(505) 326-9700

9. API Well No.

30-039-30972 - 0001

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

At surface

UNIT N (SE/SW), 1116' FSL & 1785' FWL

10. Field and Pool or Exploratory

Basin Dakota

11. Sec., T., R., M., on Block and Survey

SURFACE: SEC: 19, T27N, R7W

BOTTOM: SEC: 19, T27N, R7W

12. County or Parish

Rio Arriba

13. State

New Mexico

At top prod. Interval reported below

UNIT N (SE/SW), 1235' FSL & 2459' FWL

At total depth

UNIT N (SE/SW), 1235' FSL & 2459' FWL

14. Date Spudded

8/28/2012

15. Date T.D. Reached

9/19/2012

16. Date Completed

☐ D & A ☒ Ready to Prod.

12/05/2012 GRC

17. Elevations (DF, RKB, RT, GL)*

6611' GL / 6626' KB

18. Total Depth:

MD

7667'

TVD

7562'

19. Plug Back T.D.:

MD

7634'

TVD

7529'

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?

☒ 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-Type I-II	29bbbls	Surface	5bbbls
8 3/4"	7" / J-55	23#	0	4885'	n/a	636sx-Premium Lite	228bbbls	Surface	50bbbls
6 1/4"	4 1/2" / L-80	11.6#	0	7656'	n/a	223sx-Premium Lite	80bbbls	3940'	n/a

RCVD JAN 7 11 13
OIL CONS. DIV.

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	7533'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Lower Dakota	7512'	7560'	2SPF	.34"	20	open
B) Upper Dakota	7342'	7504'	1SPF	.34"	31	open
C) Total					51	
D)						

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

Depth Interval	Amount and Type of Material
7342' - 7560'	Acidize w/ 10bbbls of 15% HCL. Frac'd w/ 116,760gals 70Q Slick foam w/ 40,624# of 20/40 Brown sand. Pumped 111bbbls of fluid. Total N2:2,410,600SCF.

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
12/05/2012 GRC	12/7/2012	1hr.	→	trace/boph	17/mcf/h	trace/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-581psi	SI-943psi	→	2/bopd	409/mcf/d	8/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	SI		→						

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

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BY William Tambekou

PC

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	2213'	2270'	White, cr-gr ss	Ojo Alamo	2213'
Kirtland	2270'	2750'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2270'
Fruitland	2750'	2896'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2750'
Pictured Cliffs	2896'	3151'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2896'
Lewis	3151'	3488'	Shale w/ siltstone stringers	Lewis	3151'
Huerfano Bentonite	3488'	3915'	White, waxy chalky bentonite	Huerfano Bentonite	3488'
Chacara	3915'	4500'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacara	3915'
Mesa Verde	4500'	4697'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4500'
Menefee	4697'	5282'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4697'
Point Lookout	5282'	5677'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5282'
Mancos	5677'	6453'	Dark gry carb sh.	Mancos	5677'
Gallup	6453'	7240'	Lt. gry to brn calc carb micac glauc silts & very fine gry gr ss w/ irreg. interbed sh.	Gallup	6453'
Greenhorn	7240'	7299'	Highly calc gry sh w/ thin lmst.	Greenhorn	7240'
Graneros	7299'	7338'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7299'
Dakota	7338'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7338'
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 DHC3693AZ.

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

12/20/12

pc

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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5. Lease Serial No.

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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. Resrv.
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 N (SE/SW), 1116' FSL & 1785' FWL At top prod. Interval reported below UNIT N (SE/SW), 1235' FSL & 2459' FWL At total depth UNIT N (SE/SW), 1235' FSL & 2459' FWL					
14. Date Spudded 8/28/2012	15. Date T.D. Reached 9/19/2012	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/04/2012 GRC		17. Elevations (DF, RKB, RT, GL)* 6611' GL / 6626' KB	
18. Total Depth: MD 7667' TVD 7562'	19. Plug Back T.D.: MD 7634' TVD 7529'	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)		22. Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)			
22. 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 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-Type I-II	29bbls	Surface	5bbls
8 3/4"	7" / J-55	23#	0	4885'	n/a	636sx-Premium Lite	228bbls	Surface	50bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7656'	n/a	223sx-Premium Lite	80bbls	3940'	n/a

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	7533'	n/a						

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	5351'	5672'	1SPF	.34"	25	open
B) Menefee	4908'	5268'	1SPF	.34"	25	open
C) Total					50	
D)						

Depth Interval	Amount and Type of Material
5351' - 5672'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 112,400gals 70Q Slick foam w/ 101,466# of 20/40 Brown sand. Pumped 82bbls of fluid. Total N2:1,607,700SCF.
4908' - 5268'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 101,500gals 70Q Slick foam w/ 93,230# of 20/40 Brown sand. Pumped 72bbls of fluid. Total N2:1,756,200SCF.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/04/2012 GRC	12/7/2012	1hr.	→	trace/boph	42/mcf/h	1/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-581psi	SI-943psi	→	4/bopd	1000/mcf/d	19/bwpd	n/a		SHUT IN

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)

ACCEPTED FOR RECORD

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FARMINGTON FIELD OFFICE
BY William Tambekou

PC

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	

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Fruitland	2750'	2896'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2750'
Pictured Cliffs	2896'	3151'	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	2896'
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Name (please print) Arleen White Title Staff Regulatory Tech.

Signature Arleen White Date 12/20/12

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