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AUG 06 2013

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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										5. Lease Serial No. NM-03560	
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. Reserv.										6. If Indian, Allottee or Tribe Name NMNM-78413C - DK	
2. Name of Operator ConocoPhillips Company										7. Unit or CA Agreement Name and No. San Juan 28-7 Unit	
3. Address PO Box 4289, Farmington, NM 87499					3a. Phone No. (include area code) (505) 326-9700					9. API Well No. 30-039-30759 - 0001	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit F (SENW), 2428' FNL & 2062' FWL At top prod. Interval reported below Unit E (SWNW), 1760' FNL & 981' FWL At total depth Unit E (SWNW), 1760' FNL & 981' FWL										10. Field and Pool or Exploratory Basin Dakota	
14. Date Spudded 2/28/2013										15. Date T.D. Reached 3/16/2013	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 7/19/13 GRS										11. Sec., T., R., M., on Block and Survey SURF & BH: SEC:29 T27N, R7W	
18. Total Depth: MD 7672' TVD 7459'										19. Plug Back T.D.: MD 7636' TVD 7423'	
20. Depth Bridge Plug Set: MD TVD										21. Elevations (DF, RKB, RT, GL)* 6594' GL / 6609' KB	
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 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	229'	n/a	76 sx - Premium Lite	22 bbls	Surface	6 bbls		
8 3/4"	7" / J-55	23#	0	4976'	n/a	658 sx - Premium Lite	236 bbls	Surface	70 bbls		
6 1/4"	4 1/2" / L-80	11.6#	0	7662'	n/a	209 sx - Premium Lite	75 bbls	2590'	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	7558'	n/a									
25. Producing Intervals											
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status					
A) Dakota	7454'	7542'	1 spf	.34"	14	open					
B) Dakota	7562'	7634'	2 spf	.34"	46	open					
C)											
D)											
total holes							60				
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval					Amount and Type of Material						
7454' - 7634'					Acidized w/10 bbls 15% HCl; Frac'd w/41,622 gal 4 FRW 20 @ .50-.65 gal/1000, FAW-4 3.0 gal/1000 GBW @ .50# w/40,111# AZ sand & 2,341,000 scf N2						
28a. 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		
7/19/13 GRS	7/25/2013	1hr.		trace	27 mcfh	.5 bwph			FLOWING		
Choke Size	Ibg. Press. Flwg.	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
1/2"	798 psi - SI	866 PSI	→	6 bopd	641 mcfh	12 bwph		SHUT IN			
28b. 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	Ibg. Press. Flwg.	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
			→								

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

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FARMINGTON FIELD OFFICE
BY William Tamberton

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	2172'	2311'	White, cr-gr ss	Ojo Alamo	2172'	
Kirtland	2311'	2845'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2311'	
Fruitland	2845'	3034'	Dk gry-gr carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	2845'	
Pictured Cliffs	3034'	3225'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3034'	
Lewis	3225'	3885'	Shale w/ siltstone stringers	Lewis	3225'	
Huerfano Bentonite	3557'	4770'	White, waxy chalky bentonite	Huerfano Bentonite	3557'	
Chacra	3885'	4770'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3885'	
Mesa Verde	4770'	4993'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4770'	
Menefee	4993'	5428'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4993'	
Point Lookout	5428'	5918'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5428'	
Mancos	5918'	6470'	Dark gry carb sh.	Mancos	5918'	
Gallup	6470'	7336'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6470'	
Greenhorn	7336'	7400'	Highly calc gry sh w/ thin lmst.	Greenhorn	7336'	
Graneros	7400'	7453'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7400'	
Dakota	7453'	7672'	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7453'	
			Interbed grn, brn & red waxy sh & fine to coard gm ss			

32. Additional remarks (include plugging procedure):

This is a MV/DK well being commingled per DHC3341 AZ

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)

Patsy Clugston

Title

Staff Regulatory Tech.

Signature

Date

8/5/2013

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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Form 3160-4
(August 2007)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

5. Lease Serial No.

NM-03560

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

Other:

6. If Indian, Allottee or Tribe Name
NMNM-78413 A-MV7. 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 #98N

3. Address

PO Box 4289, Farmington, NM 87499

3a. Phone No. (include area code)

(505) 326-9700

9. API Well No.

30-039-30759 -0002

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

At surface

Unit F (SENW), 2428' FNL & 2062' FWL

At top prod. Interval reported below

Unit E (SWNW), 1760' FNL & 981' FWL

At total depth

Unit E (SWNW), 1760' FNL & 981' FWL

14. Date Spudded

2/28/2013

15. Date T.D. Reached

3/16/2013

16. Date Completed

☐ D & A ☒ Ready to Prod.

7/19/13 GRS

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

6594' GL / 6609' KB

18. Total Depth:

MD

7672'

TVD

7459'

19. Plug Back T.D.:

MD

7636'

TVD

7423'

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	229'	n/a	76 sx - Premium Lite	22 bbls	Surface	6 bbls
8 3/4"	7" / J-55	23#	0	4976'	n/a	658 sx - Premium Lite	236 bbls	Surface	70 bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7662'	n/a	209 sx - Premium Lite	75 bbls	2590'	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	7558'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pt. Lookout	5428'	5609'	1 SPF	.34"	25	open
B) Menefee	5242'	5378'	1 spf	.34"	25	open
C)						
D) total holes					50	

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

Depth Interval	Amount and Type of Material
5428' - 5609'	Acidized w/10 bbls 15% HCL; Frac'd w/38,05 gal 70 Q N2 Slickwater w/100,450 # 20/40 AZ sand & 1,439,000 scf N2
5242' - 5378'	Acidized w/10 bbls 15% HCL; Frac'd w/22,008 gals 70% N2 Slickfoam w/35,942 # 20/40 AZ sand, FRW-20 @ .50 gal/1000, FAW-4 @ 3.0 gal/ 1000 & 970,000 scf N2

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
7/19/13 GRS	7/25/13	1 hr.	→	trace	16 mcfh	1 bwph			FLOWING
Choke Size	Tbg. Press. Flwg.	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	SI - 798 psi	866 psi	→	3 bopd	392 mcfh	24 bwph			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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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

ACCEPTED FOR RECORD

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FARMINGTON FIELD
BY William Tamberton

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):

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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
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Fruitland	2845'	3034'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2845'
Pictured Cliffs	3034'	3225'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3034'
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Graneros	7400'	7453'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7400'
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Name (please print)

Patsy Clugston

Title

Staff Regulatory Tech.

Signature

Date

8/5/2013

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