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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APR 03 2012

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office

Bureau of Land Management

Lease Serial No

SF-079296

1a Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ 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), 2480' FNL &amp; 945' FWL

At top prod. Interval reported below

SAME AS ABOVE

At total depth

SAME AS ABOVE

14 Date Spudded

10/10/2011

15 Date T D Reached

1/30/2012

16 Date Completed

☐ D & A☒ Ready to Prod 3/14/12 GRC

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

6788'

18 Total Depth

MD

7675'

19. Plug Back T D :

MD

7653'

20 Depth Bridge Plug Set:

MD

TVD

TVD

TVD

21 Type Electric &amp; 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 Cement Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement top*	Amount Pulled
9 5/8"	H-40	32.3#	0	351'	n/a	177sx- Type III	40bbls	Surface	22bbls
7"	J-55	20#	0	3370'	n/a	457sx-Premuim Lite	165bbls	Surface	50bbls
4 1/2"	L-80	11.6#	0	7674'	n/a	309sx-Premuim Lite	111bbls	TOC @ 2192'	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"	7555'	n/a						

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) Dakota	7554'	7614'	2SPF	.34"	24	open
B) Dakota	7349'	7538'	1SPF	.34"	23	open
C)						
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
7349' - 7614'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 41,370gals 70% Foam Slick water pad w/ 41,067# of 20/40 Arizona sand. Pumped 110bbls fluid flush. Total N2:2,450,000SCF.

RCVD APR 12 '12  
OIL CONS. DIV.

DIST. 3

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
03/14/12 GRC	3/22/2012	1hr.	→	n/a	11/mcf/h	n/a /bwph	n/a	n/a	FLOWING
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	SI-800psi	SI-723psi	→	n/a	261/mcf/d	n/a /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 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 page 2)

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FARMINGTON FIELD OFFICE  
BY SCV

## 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	2446'	2659'	White, cr-gr ss	Ojo Alamo	2446'
Kirtland	2659'	2892'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	2659'
Fruitland	2892'	3120'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	2892'
Pictured Cliffs	3120'	3246'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	3120'
Lewis	3246'	3560'	Shale w/ siltstone stringers	Lewis	3246'
Huerfano Bentonite	3560'	3995'	White, waxy chalky bentonite	Huerfano Bentonite	3560'
Chacra	3995'	4782'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3995'
Mesa Verde	4782'	4813'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4782'
Menefee	4813'	5337'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4813'
Point Lookout	5337'	5812'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5337'
Mancos	5812'	6434'	Dark gry carb sh	Mancos	5812'
Gallup	6434'	7256'	Lt gry to brn calc carb micac glauc silts & very fine gry gr ss w/ irreg interbed sh	Gallup	6434'
Greenhorn	7256'	7310'	Highly calc gry sh w/ thin lmst	Greenhorn	7256'
Graneros	7310'	7341'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7310'
Dakota	7341'	7675'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7341'
Morrison			Interbed grn, brn & red waxy sh & fine to coars grn ss	Morrison	

32. Additional remarks (include plugging procedure)

This is a Blanco Mesaverde &amp; Basin Dakota commingle well under DHC3172AZ.

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)

Marie E. Jaramillo

Title

Staff Regulatory Tech

Signature

Date

4/2/2012

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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b Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resrvr,

Other

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Was DST run?

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Directional Survey?

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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
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7"	J-55	20#	0	3370'	n/a	457sx-Premuim Lite	.165bbbs	Surface	50bbbs
4 1/2"	L-80	11.6#	0	7674'	n/a	309sx-Premuim Lite	111bbbs	TOC @ 2192'	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"	7555'	n/a						

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Point Lookout/LMF	5342'	5742'	1SPF	.34"	25	open
B) UMF/Menefee	4984'	5308'	1SPF	.34"	25	open
C)						
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
5342' - 5742'	Acidize w/ 10bbbs of 15% HCL. Frac'd w/ 37,884gals 70% Quality N2 Slickwater foam pad w/ 100,516# of 20/40 Arizona sand. Pumped 83bbbs fluid flush. Total N2:1,391,000SCF.
4984' - 5308'	Acidize w/ 10bbbs of 15% HCL. Frac'd w/ 37,884gals 70% Quality N2 Slickwater foam pad w/ 100,516# of 20/40 Arizona sand. Pumped 83bbbs fluid flush. Total N2:1,391,000SCF.

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
03/12/12 GRC	3/22/2012	1hr.	→	n/a	39/mcf/h	2/bwph	n/a	n/a	Oil Cons. Div.
Choke Size	Tbg. Press Flwg	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	SI-800psi	SI-723psi	→	n/a	927/mcf/d	43/bwph	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)

ACCEPTED FOR RECORD

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APR 04 2012

FARMINGTON FIELD OFFICE  
BY SA

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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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Pictured Cliffs	3120'		Bn-Gry, fine grn, tight ss	Pictured Cliffs	3120'
Lewis	3246'	3246'	Shale w/ siltstone stringers	Lewis	3246'
Huerfano Bentonite	3560'	3995'	White, waxy chalky bentonite	Huerfano Bentonite	3560'
Chacara	3995'	4782'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacara	3995'
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Graneros	7310'	7341'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7310'
Dakota	7341'	7675	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7341'
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 ☐ Other:

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Name (please print)

Marie E. Jaramillo

Title

Staff Regulatory Tech

Signature

Date

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(Continued on page 3)

(Form 3160-4, page 2)