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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FEB 07 2013

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-078138

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

Indian Allottee or Tribe Name

Other:

7. Unit or CA Agreement Name and No.

NM-73853 - OK

8. Lease Name and Well No.

Pubco Federal Gas Com IF

2. Name of Operator  
ConocoPhillips Company3. Address  
PO Box 4289, Farmington, NM 874993a. Phone No. (include area code)  
(505) 326-9700

9. API Well No.

30-045-35369 - 00C1

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

At surface  
UNIT K (NE/SW), 1936' FSL & 1579' FWLAt top prod. Interval reported below  
UNIT J (NW/SE), 1931' FSL & 2323' FELAt total depth  
UNIT J (NW/SE), 1931' FSL & 2323' FEL

14. Date Spudded

10/5/2012

15. Date T.D. Reached

10/17/2012

16. Date Completed

☐ D & A☒ Ready to Prod. 01/21/2013 GRC

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

5973' GL / 5988' KB

18. Total Depth:

MD

7385'

19. Plug Back T.D.:

MD

7348'

20. Depth Bridge Plug Set:

MD

TVD

7139'

TVD

7102'

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 |
|-----------|---------------|-------------|----------|-------------|--------------------|-----------------------------------|-------------------|-------------|---------------|
| 12 1/4"   | 9 5/8" / H-40 | 32.3#       | 0        | 229'        | n/a                | 76sx-Type I II                    | 22bbbls           | Surface     | 8bbbls        |
| 8 3/4"    | 7" / J-55     | 23#         | 0        | 4699'       | n/a                | 679sx-Premium Lite                | 246bbbls          | Surface     | 63bbbls       |
| 6 1/4"    | 4 1/2" / L-80 | 11.6#       | 0        | 7370'       | n/a                | 236sx-Premium Lite (includes sqz) | 84bbbls           | 4370'       | 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 | 7194'          | n/a               |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation | Top   | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-----------|-------|--------|---------------------|------|-----------|--------------|
| A) Dakota | 7202' | 7276'  | 2SPF                | .34" | 14        | open         |
| B) Dakota | 7070' | 7188'  | 1SPF                | .34" | 30        | open         |
| C) Total  |       |        |                     |      | 44        |              |
| D)        |       |        |                     |      |           |              |

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

| Depth Interval | Amount and Type of Material  |
|----------------|--|
| 7070' - 7276'  | Acidize w/ 10bbbls of 15% HCL. Frac'd w/ 129,990 gals 70Q N2 Slick foam w/ 38,478# of 20/40 Brown sand. Pumped 107bbbls of fluid. Total N2:2,201,500SCF. |
|                |  |
|                |  |

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 |
|---------------------|-------------------|--------------|-----------------|---------|------------|-----------|-----------------------|-------------|-------------------|
| 01/21/2013 GRC      | 1/23/2013         | 1hr.         | →               | 0/boph  | 43/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-729psi         | SI-725psi    | →               | 0/bopd  | 1041/mcf/d | 30/ 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)

NMOCD  
PV



ACCEPTED FOR RECORD

FEB 08 2013



FARMIN  
BY William Tambelkov

PC

## 28b. Production - Interval C

| Date First Produced | Test Date                  | Hours Tested | Test Production<br> | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|--|---------|---------|-----------|-----------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date                  | Hours Tested | Test Production<br> | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|--|---------|---------|-----------|-----------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>     | 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          | 1042' | 1187'  | White, cr-gr ss  | Ojo Alamo          | 1042'       |
| Kirltland          | 1187' | 2093'  | Gry sh interbedded w/tight, gry, fine-gr ss.   | Kirltland          | 1187'       |
| Fruitland          | 2093' | 2521'  | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.                       | Fruitland          | 2093'       |
| Pictured Cliffs    | 2521' | 2730'  | Bn-Gry, fine grn, tight ss.  | Pictured Cliffs    | 2521'       |
| Lewis              | 2730' | 3364'  | Shale w/ siltstone stingers  | Lewis              | 2730'       |
| Huerfano Bentonite | 3364' | 3662'  | White, waxy chalky bentonite   | Huerfano Bentonite | 3364'       |
| Chacra             | 3662' | 4236'  | Gry fn grn silty, glauconitic sd stone w/ drk gry shale                                      | Chacra             | 3662'       |
| Mesa Verde         | 4236' | 4483'  | Light gry, med-fine gr ss, carb sh & coal  | Mesa Verde         | 4236'       |
| Menefee            | 4483' | 4986'  | Med-dark gry, fine gr ss, carb sh & coal   | Menefee            | 4483'       |
| Point Lookout      | 4986' | 5404'  | Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation              | Point Lookout      | 4986'       |
| Mancos             | 5404' | 6217'  | Dark gry carb sh.  | Mancos             | 5404'       |
| Gallup             | 6217' | 6963'  | Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.     | Gallup             | 6217'       |
| Greenhorn          | 6963' | 7015'  | Highly calc gry sh w/ thin lmst.   | Greenhorn          | 6963'       |
| Graneros           | 7015' | 7070'  | Dk gry shale, fossil & carb w/ pyrite incl.  | Graneros           | 7015'       |
| Dakota             | 7070' |        | Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks | Dakota             | 7070'       |
| 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 DHC3706AZ.

## 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

2/7/13

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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DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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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 |   |                       |              |                   |
| 2. Name of Operator<br><b>ConocoPhillips Company</b>  |                   |  |  |   |                                    |   |                       |              |                   |
| 3. Address<br><b>PO Box 4289, Farmington, NM 87499</b>  |                   |  | 3a. Phone No. (include area code)<br><b>(505) 326-9700</b>   |   |                                    |   |                       |              |                   |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br><br>At surface <b>UNIT K (NE/SW), 1936' FSL &amp; 1579' FWL</b><br><br>At top prod. Interval reported below <b>UNIT J (NW/SE), 1931' FSL &amp; 2323' FEL</b><br><br>At total depth <b>UNIT J (NW/SE), 1931' FSL &amp; 2323' FEL</b> |                   |  |  |   |                                    |   |                       |              |                   |
| 14. Date Spudded<br><b>10/5/2012</b>  |                   | 15. Date T.D. Reached<br><b>10/17/2012</b>   |  | 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>01/18/2013 GRC</b> |                                    |   |                       |              |                   |
| 18. Total Depth:  |                   | 19. Plug Back T.D.:                          |  | 20. Depth Bridge Plug Set:  |                                    |   |                       |              |                   |
| MD <b>7385'</b><br>TVD <b>7139'</b>   |                   | MD <b>7348'</b><br>TVD <b>7102'</b>          |  | MD<br>TVD   |                                    |   |                       |              |                   |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br><b>GR/CCL/CBL</b>  |                   |  | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)<br>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 Sk. & Type of Cement                         | Slurry Vol. (BBL)     | Cement top*  | Amount Pulled     |
| 12 1/4"   | 9 5/8" / H-40     | 32.3#  | 0  | 229'  | n/a                                | 76sx-Type I II                                      | 22bbls                | Surface      | 8bbls             |
| 8 3/4"  | 7" / J-55         | 23#  | 0  | 4699'   | n/a                                | 679sx-Premuim Lite                                  | 246bbls               | Surface      | 63bbls            |
| 6 1/4"  | 4 1/2" / L-80     | 11.6#  | 0  | 7370'   | n/a                                | 236sx-Premuim Lite (includes sqz)                   | 84bbls                | 4370'        | n/a               |
| 24. Tubing Record   |                   |  |  |   |                                    | 25. Perforation Record                              |                       |              |                   |
| Size  | Depth Set (MD)    | Packer Depth (MD)                            | Size   | Depth Set (MD)  | Packer Depth (MD)                  | Size  | No. Holes             | Perf. Status |                   |
| 2 3/8", 4.7#, L-80  | 7194'             | n/a  |  |   |                                    |   |                       |              |                   |
| 26. Production - Interval A   |                   |  |  |   |                                    | 27. Acid, Fracture, Treatment, Cement Squeeze, etc. |                       |              |                   |
| Date First Produced   | Test Date         | Hours Tested                                 | Test Production  | Oil BBL   | Gas MCF                            | Water BBL   | Oil Gravity Corr. API | Gas Gravity  | Production Method |
| 01/18/2013 GRC  | 1/23/2013         | 1hr.   |  | /boph   | 39/mcf/lh                          | 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-729psi         | SI-725psi                                    |  | 0/bopd  | 924/mcf/d                          | 26/ bwpd  | n/a                   | SHUT IN      |                   |
| 28a. Production - Interval B  |                   |  |  |   |                                    | 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. | 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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ACCEPTED FOR RECORD

FEB 08 2013

FARMINGTON FIELD OFFICE  
BY William Tambeken

## 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                      |              | 12.7500         |         |         |           |                       |             |                   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
|                     |                      |              | 12.7500         |         |         |           |                       |             |                   |

## 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                      |              | 12.7500         |         |         |           |                       |             |                   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
|                     |                      |              | 12.7500         |         |         |           |                       |             |                   |

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<br>Meas. Depth |
|--------------------|-------|--------|--|--------------------|--------------------|
| Ojo Alamo          | 1042' | 1187'  | White, cr-gr ss  | Ojo Alamo          | 1042'              |
| Kirtland           | 1187' | 2093'  | Gry sh interbedded w/tight, gry, fine-gr ss.   | Kirtland           | 1187'              |
| Fruitland          | 2093' | 2521'  | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.                     | Fruitland          | 2093'              |
| Pictured Cliffs    | 2521' | 2730'  | Bn-Gry, fine grn, tight ss.  | Pictured Cliffs    | 2521'              |
| Lewis              | 2730' | 3364'  | Shale w/ siltstone stringers   | Lewis              | 2730'              |
| Huerfano Bentonite | 3364' | 3662'  | White, waxy chalky bentonite   | Huerfano Bentonite | 3364'              |
| Chacara            | 3662' | 4236'  | Gry fn grn silty, glauconitic sd stone w/ drk gry shale                                    | Chacara            | 3662'              |
| Mesa Verde         | 4236' | 4483'  | Light gry, med-fine gr ss, carb sh & coal  | Mesa Verde         | 4236'              |
| Menefee            | 4483' | 4986'  | Med-dark gry, fine gr ss, carb sh & coal   | Menefee            | 4483'              |
| Point Lookout      | 4986' | 5404'  | Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation            | Point Lookout      | 4986'              |
| Mancos             | 5404' | 6217'  | Dark gry carb sh.  | Mancos             | 5404'              |
| Gallup             | 6217' | 6963'  | Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.   | Gallup             | 6217'              |
| Greenhorn          | 6963' | 7015'  | Highly calc gry sh w/ thin lmst.   | Greenhorn          | 6963'              |
| Graneros           | 7015' | 7070'  | Dk gry shale, fossil & carb w/ pyrite incl.  | Graneros           | 7015'              |
| Dakota             | 7070' |        | Lt to dark gry foss carb sl calc slitty ss w/ pyrite incl thin sh bands cly Y shale breaks | Dakota             | 7070'              |
| Morrison           |       |        | Interbed grn, brn & red waxy sh & fine to coard grn ss                                     | Morrison           |                    |

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

This is a Blanco Mesaverde &amp; Basin Dakota commingle well under DHC3706AZ.

## 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

2/7/13

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.