

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)

FOR APPROVED

OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

SF-078740

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NMM- 78419A-MV

7. UNIT AGREEMENT NAME

San Juan 30-5 Unit

8. FARM OR LEASE NAME, WELL NO.

48N

9. API WELL NO.

30-039-30829 - 0002

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec. 20, T30N, R5W

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL:

OIL

WELL

☐

GAS

WELL

☒

DRY

☐

Other

b. TYPE OF COMPLETION:

NEW  
WELL☒WORK  
OVER☐DEEP-  
EN☐PLUG  
BACK☐DIFF.  
RESVR☐

Other

☐

RECEIVED

AUG 27 2010

2. NAME OF OPERATOR

ConcoPhillips Company

3. ADDRESS AND TELEPHONE NO.

PO BOX 4289, Farmington, NM 87499 (505) 326-9700

Farmington Field Office

Bureau of Land Management

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

P (SESE), 1310' FSL &amp; 740' FEL

At top prod. interval reported below

P (SESE), 787' FSL &amp; 415' FEL

At total depth

P (SESE), 787' FSL &amp; 415' FEL

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR  
PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED

05/07/2010

16. DATE T.D. REACHED

05/18/2010

17. DATE COMPL. (Ready to prod.)

08/18/2010

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)\*

GL 6469' KB 6485'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

MD 8070' TVD 7960'

21. PLUG, BACK T.D., MD &amp; TVD

MD 8068' TVD 7958'

22. IF MULTIPLE COMPL.,  
HOW MANY\*

2

23. INTERVALS  
DRILLED BY

ROTARY TOOLS

yes

CABLE TOOLS

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\*

Blanco Mesaverde 4609' - 6001'

25. WAS DIRECTIONAL  
SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CBL

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD            | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|--------------------------------------------|---------------|
| 9 5/8" / H-40     | 32.3#           | 233'           | 12 1/4"   | Surface, 76sx(122cf-22bbls)                | 2 bbls        |
| 7" / J-55         | 23#             | 3741'          | 8 3/4"    | Surface, ST@2884'<br>582sx(1206cf-215bbls) | 70 bbls       |
| 4 1/2" / L-80     | 11.6#           | 8070'          | 6 1/4"    | TOC@2310', 317sx(637cf-113bbls)            |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE               | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------------------|----------------|-----------------|
|      |          |             |               |             | 2 3/8", 4.7#, L-80 | 8033'          |                 |

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Point Lookout/Lower Menefee w/ .34" diam.

1SPF @ 6001' - 5655' = 26 Holes

Upper Menefee/Climhouse w/ .34" diam.

1SPF @ 5549' - 5203' = 26 Holes

Lewis w/ .34" diam.

1SPF @ 5028' - 4609' = 28 Holes

Mesaverde Total Holes = 80 ✓

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

|               |                                                                                                                                        |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 6001' - 5655' | Acidize w/ 10bbls 15% HCL. Frac w/ 131,348gals 70% SlickWater w/ 104,003# of 20/40 Arizona Sand & 16,782# of SLC Sand. N2:1,339,900SCF |
| 5549' - 5203' | Acidize w/ 10bbls 15% HCL. Frac w/ 134,540gals 70% SlickWater w/ 106,347# of 20/40 Arizona Sand. N2:1,303,200SCF                       |
| 5028' - 4609' | Frac w/ 102,715gals 75% Linear Gel 20# foam w/ 74,850# of 20/40 Arizona Sand. N2:1,414,600SCF                                          |

33. PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) |
|-----------------------|----------------------------------------------------------------------|------------------------------------|
| N/A                   | FLOWING ✓                                                            | SI ✓                               |

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N FOR<br>TEST PERIOD | OIL-BBL | GAS-MCF  | WATER-BBL | GAS-OIL RATIO |
|--------------|--------------|------------|---------------------------|---------|----------|-----------|---------------|
| 08/16/2010 ✓ | 1 hr.        | 1/2"       | →                         | 0       | 99 mcf/h | trace     |               |

| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED<br>24-HOUR RATE | OIL-BBL | GAS-MCF      | WATER-BBL | OIL GRAVITY-API (CORR.) |
|---------------------|-----------------|----------------------------|---------|--------------|-----------|-------------------------|
| SI - 1031psi        | SI - 846psi     | →                          | 0       | 2365 mcf/d ✓ | trace     |                         |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

This is going to be a Basin Dakota/Blanco Mesa Verde well being DHC per order # 3315AZ

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Catal Talaya

TITLE

Staff Regulatory Technician

DATE

8/24/2010

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

ACCEPTED FOR RECORD

SEP 01 2010

FARMINGTON FIELD OFFICE  
BY J. Salazar

| API # 30-039-30829 | San Juan 30-5 Unit 48N |       |                                                                                            |                      |
|--------------------|------------------------|-------|--------------------------------------------------------------------------------------------|----------------------|
| Ojo Alamo          | 2513'                  | 2689' | White, cr-gr ss.                                                                           | Ojo Alamo 2513'      |
| Kirtland           | 2689'                  | 3072' | Gry sh interbedded w/tight, gry, fine-gr ss.                                               | Kirtland 2689'       |
| Fruitland          | 3072'                  | 3499' | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.                     | Fruitland 3072'      |
| Pictured Cliffs    | 3499'                  | 3730' | Bn-Gry, fine grn, tight ss.                                                                | Pic. Cliffs 3499'    |
| Lewis              | 3730'                  | 4276' | Shale w/siltstone stringers                                                                | Lewis 3730'          |
| Huerfano Bentonite | 4276'                  | 4607' | White, waxy chalky bentonite                                                               | Huerfano Bent. 4276' |
| Chacra             | 4607'                  | 5186' | Gry fn grn silty, glauconitic sd stone w/drck gry shale                                    | Chacra 4607'         |
| Mesa Verde         | 5186'                  | 5477' | Light gry, med-fine gr ss, carb sh & coal                                                  | Mesa Verde 5186'     |
| Menefee            | 5477'                  | 5731' | Med-dark gry, fine gr ss, carb sh & coal                                                   | Menefee 5477'        |
| Point Lookout      | 5731'                  | 6096' | Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation             | Point Lookout 5731'  |
| Mancos             | 6096'                  | 7001' | Dark gry carb sh.                                                                          | Mancos 6096'         |
| Gallup             | 7001'                  | 7730' | Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh       | Gallup 7001'         |
| Greenhorn          | 7730'                  | 7779' | Highly calc gry sh w/thin lmst.                                                            | Greenhorn 7730'      |
| Graneros           | 7779'                  | 7909' | Dk gry shale, fossil & carb w/pyrite incl.                                                 | Graneros 7779'       |
| Dakota             | 7909'                  | 8070' | Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks | Dakota 7909'         |
| Morrison           |                        |       | Interbed grn, brn & red waxy sh & fine to coarse grn ss                                    | Morrison             |

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San Juan 30-5 Unit

8. FARM OR LEASE NAME, WELL NO.

48N

9. API WELL NO.

30-039-30829-0001

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 20, T30N, R5W

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐

2. NAME OF OPERATOR

ConocoPhillips Company

3. ADDRESS AND TELEPHONE NO.

PO BOX 4289, Farmington, NM 87499 (505) 326-9700

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

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At top prod. interval reported below P (SESE), 787' FSL & 415' FEL

At total depth P (SESE), 787' FSL & 415' FEL

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GL 6469' KB 6485'

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20. TOTAL DEPTH, MD & TVD

MD 8070' TVD 7960'

21. PLUG, BACK T.D., MD & TVD

MD 8068' TVD 7958'

22. IF MULTIPLE COMPL., HOW MANY\*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\*

Basin Dakota 7917' - 8035'

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CBL

25. WAS DIRECTIONAL SURVEY MADE

YES

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD         | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|-----------------------------------------|---------------|
| 9 5/8" / H-40     | 32.3#           | 233'           | 12 1/4"   | Surface, 76sx(122cf-22bbls)             | 2 bbls        |
| 7" / J-55         | 23#             | 3741'          | 8 3/4"    | Surface, ST@2884' 582sx(1206cf-215bbls) | 70 bbls       |
| 4 1/2" / L-80     | 11.6#           | 8070'          | 6 1/4"    | TOC@2310', 317sx(637cf-113bbls)         |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE               | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------------------|----------------|-----------------|
|      |          |             |               |             | 2 3/8", 4.7#, L-80 | 8033'          |                 |

31. PERFORATION RECORD (Interval, size and number)

Dakota w/ .34" diam.  
2SPF @ 8035' - 7986' = 24 Holes  
1SPF @ 7969' - 7917' = 12 Holes

Dakota Total Holes = 36

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

7917' - 8035'

Acidize w/ 10bbls 15% HCL. Frac w/ 97,076gals 70% SlickWater w/ 23,438# of 20/40 SLC.

33. PRODUCTION

|                       |                 |                                                                       |                        |              |            |            |                                    |               |
|-----------------------|-----------------|-----------------------------------------------------------------------|------------------------|--------------|------------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) |                        |              |            |            | WELL STATUS (Producing or shut-in) |               |
| N/A                   |                 | FLOWING ✓                                                             |                        |              |            |            | SI ✓                               |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                            | PROD'N FOR TEST PERIOD | OIL--BBL     | GAS--MCF   | WATER--BBL |                                    | GAS-OIL RATIO |
| 08/18/2010 ✓          | 1 hr.           | 1/2"                                                                  | →                      | 0            | 45 mcf/h   | trace      |                                    |               |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                               | OIL--BBL               | GAS--MCF     | WATER--BBL |            | OIL GRAVITY-API (CORR.)            |               |
| SI - 1031PSI          | SI - 846psi     | →                                                                     | 0                      | 1085 mcf/d ✓ | 9 bwpd ✓   |            |                                    |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*Capital T. Salas*

TITLE

Staff Regulatory Technician

DATE

8/24/2010

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SEP 01 2010

FARMINGTON FIELD OFFICE  
BY *J. Salas*

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| Fruitland          | 3072'                  | 3499' | Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.                      | Fruitland      |
| Pictured Cliffs    | 3499'                  | 3730' | Bn-Gry, fine grn, tight ss.                                                                | Pic. Cliffs    |
| Lewis              | 3730'                  | 4276' | Shale w/siltstone stringers                                                                | Lewis          |
| Huerfano Bentonite | 4276'                  | 4607' | White, waxy chalky bentonite                                                               | Huerfano Bent. |
| Chacra             | 4607'                  | 5186' | Gry fn grn silty, glauconitic sd stone w/drak gry shale                                    | Chacra         |
| Mesa Verde         | 5186'                  | 5477' | Light gry, med-fine gr ss, carb sh & coal                                                  | Mesa Verde     |
| Menefee            | 5477'                  | 5731' | Med-dark gry, fine gr ss, carb sh & coal                                                   | Menefee        |
| Point Lookout      | 5731'                  | 6096' | Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation             | Point Lookout  |
| Mancos             | 6096'                  | 7001' | Dark gry carb sh.                                                                          | Mancos         |
| Gallup             | 7001'                  | 7730' | Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh       | Gallup         |
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