

(October 1990)

**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

NM-03521

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

NMNM-78413A

7 UNIT AGREEMENT NAME

SAN JUAN 28-7 UNIT

8 FARM OR LEASE NAME, WELL NO

SAN JUAN 28-7 UNIT 111N

9. API WELL NO.

30-039-30808 - 0062

10. FIELD AND POOL, OR WILDCAT

BLANCO MESAVERDE11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA**Sec. 20, T27N, R7W****WELL COMPLETION OR RECOMPLETION REPORT AND LOG***

1a TYPE OF WELL

OIL

☐

GAS

☒

DRY

☐

Other

b TYPE OF COMPLETION

NEW

☒

WORK

OVER

☐

DEEP-

EN

☐

PLUG

BACK

☐

DIFF

RESVR

☐

Other

2 NAME OF OPERATOR

ConcoPhillips 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)*

At surface

D (NW/NW), 1130' FNL & 925' FWL

At top prod interval reported below

F (SE/NW), 1714' FNL & 1739' FWL

At total depth

F (SE/NW), 1714' FNL & 1739' FWL

14 PERMIT NO

DATE ISSUED

12 COUNTY OR

PARISH

13 STATE

Rio Arriba**New Mexico**

15 DATE SPUDDED

10/31/11

16 DATE T D REACHED

12/15/11

17 DATE COMPL (Ready to prod)

02/17/12 GRC

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

GL 6540' KB 6555'

19 ELEV CASINGHEAD

20 TOTAL DEPTH, MD & TVD

MD 7695' - 7524' VD

21 PLUG, BACK T D, MD & TVD

MD 7661' - 7490' VD

22 IF MULTIPLE COMPL, HOW MANY*

3

23 INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

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

Blanco Mesaverde 5008' - 5786'

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#	321'	12 1/4"	Surface, 102sx(163cf-29bbbls)	7bbbls
7" / J-55	23#	4933'	8 3/4"	Surface, 683sx(1384cf-246bbbls)	45bbbls
4 1/2" / L-80	11.6#	7680'	6 1/4"	TOC@3074', 244sx(493cf-88bbbls)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7555'	
					4.7# / L-80		

31 PERFORATION RECORD (Interval, size and number)

Point Lookout w/ .34" diam.
1SPF @ 5358' - 5786' = 26 Holes
Menefee w/ .34" diam.
1SPF @ 5008' - 5334' = 25 Holes
MV Total Holes = 51

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

5358' - 5786'

Pumped 6bbbls of 2% KCL water. Acidize w/ 10bbbls. Frac'd w/ 3,074bbbls of 70% Quality Slickwater Foam w/ 100,057# of 20/40 Brady Sand. N2:1,530,300SCF.

5008' - 5334'

Pumped 13bbbls of 2% KCL water. Acidize w/ 10bbbls. Frac'd w/ 1,997bbbls of 70% Quality Slickwater Foam w/ 50,363# of 20/40 Brady Sand. N2:1,246,400SCF.

33 PRODUCTION

DATE FIRST PRODUCTION

02/17/12 GRC

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

FLOWING

WELL STATUS (Producing or shut-in)

SI

DATE OF TEST

02/28/12

HOURS TESTED

1hr.

CHOKE SIZE

1/2"

PROD'N FOR

TEST PERIOD

OIL-BBL

trace / bwph

GAS-MCF

21 mcf / h

WATER-BBL

trace / bwph

GAS-OIL RATIO

FLOW TUBING PRESS

SI-79psi

CASING PRESSURE

SI-627psi

CALCULATED

24-HOUR RATE

OIL-BBL

trace / bopd

GAS-MCF

500 mcf / d

WATER-BBL

4 / bwph

OIL GRAVITY-API (CORR.)

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

To be sold

TEST WITNESSED BY

35 LIST OF ATTACHMENTS

This is a Blanco Mesaverde, Basin Dakota & Otero Chacra well under DHC4328.

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

SIGNED

TITLE

Staff Regulatory Tech.**ACCEPTED 03/07/12 RD**

*(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 or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

FARMINGTON FIELD OFFICE
BY *SCW*

MAR 13 2012

API # 30-039-30808		San Juan 28-7 Unit 111N			
Ojo Alamo	2068'	2238'	White, cr-gr ss.	Ojo Alamo	2068'
Kirtland	2238'	2688'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2238'
Fruitland	2688'	3014'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2688'
Pictured Cliffs	3014'	3165'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3014'
Lewis	3165'	n/a	Shale w/siltstone stringers	Lewis	3165'
Huerfanito Bentonite	n/a	3988'	White, waxy chalky bentonite	Huerfanito Bent.	n/a
Chacra	3988'	4767'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	3988'
Mesa Verde	4767'	4796'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4767'
Menefee	4796'	5344'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4796'
Point Lookout	5344'	5792'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5344'
Mancos	5792'	6516'	Dark gry carb sh.	Mancos	5792'
Gallup	6516'	7300'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6516'
Greenhorn	7300'	7362'	Highly calc gry sh w/thin lmst.	Greenhorn	7300'
Graneros	7362'	7413'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7362'
Dakota	7413'	7695'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7413'

27

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED

OMB NO. 1004-0137

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO

NM-03521

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

NM NM-78413C

7. UNIT AGREEMENT NAME

SAN JUAN 28-7 UNIT

8. FARM OR LEASE NAME, WELL NO

SAN JUAN 28-7 UNIT 111N

9 API WELL NO

30-039-30808 -DOC1

10 FIELD AND POOL, OR WILDCAT

BASIN DAKOTA

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

Sec. 20, T27N, R7W

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

ConcoPhillips 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)*

At surface D (NW/NW), 1130' FNL & 925' FWL

At top prod. interval reported below F (SE/NW), 1714' FNL & 1739' FWL

At total depth F (SE/NW), 1714' FNL & 1739' FWL

14. PERMIT NO. DATE ISSUED

12 COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15 DATE SPUNDED

10/31/11

16 DATE T D REACHED

12/15/11

17 DATE COMPL. (Ready to prod.)

02/22/12 GRC

18. ELEVATIONS (OF, RKB, RT, BR, ETC)*

GL 6540' KB 6555'

19 ELEV CASINGHEAD

20 TOTAL DEPTH, MD & TVD

MD 7695' - 7524' VD

21 PLUG, BACK T D, MD & TVD

MD 7661' - 7490' VD

22 IF MULTIPLE COMPL., HOW MANY*

3

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

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

Basin Dakota 7418' - 7608'

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#	321'	12 1/4"	Surface, 102sx(163cf-29bbbls)	7bbbls
7" / J-55	23#	4933'	8 3/4"	Surface, 683sx(1384cf-246bbbls)	45bbbls
4 1/2" / L-80	11.6#	7680'	6 1/4"	TOC@3074', 244sx(493cf-88bbbls)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7555'	
					4.7# / L-80		

30 TUBING RECORD

31 PERFORATION RECORD (Interval, size and number)

Dakota w/ .34" diam.
2SPF @ 7530' - 7608' = 26 Holes
1SPF @ 7418' - 7508' = 20 Holes

DK Total Holes = 46

7418' - 7608'

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

Pumped 7bbbls of 2% KCL water. Acidize w/ 10bbbls. Frac'd w/ 2,660bbbls of 70% Quality Slickwater Foam w/ 39,394# of 20/40 Brady Sand. N2:2,315,000SCF.

33 PRODUCTION

DATE FIRST PRODUCTION 02/22/12 GRC PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) FLOWING WELL STATUS (Producing or shut-in) SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL	GAS-OIL RATIO
02/28/12	1hr.	1/2"		0 / bwph	24 mcf / h	trace / bwph	
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL	OIL GRAVITY-API (CORR)	
SI-79psi	SI-627psi		0 / bopd	569 mcf / d	5 / bwph		

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

To be sold

TEST WITNESSED BY

35 LIST OF ATTACHMENTS

This is a Blanco Mesaverde, Basin Dakota & Otero Chacra well under DHC4328.

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

SIGNED

TITLE

Staff Regulatory Tech.

ACCEPTED FOR RECORD
DATE 03/07/12

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

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MAR 13 2012
FARMINGTON FIELD OFFICE
BY SCU

AV

PC

API # 30-039-30808		San Juan 28-7 Unit 111N			
Ojo Alamo	2068'	2238'	White, cr-gr ss.	Ojo Alamo	2068'
Kirtland	2238'	2688'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2238'
Fruitland	2688'	3014'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2688'
Pictured Cliffs	3014'	3165'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3014'
Lewis	3165'	n/a	Shale w/siltstone stringers	Lewis	3165'
Huerfanito Bentonite	n/a	3988'	White, waxy chalky bentonite	Huerfanito Bent.	n/a
Chacra	3988'	4767'	Gry fn grn silty, glauconitic sd stone w/drak gry shale	Chacra	3988'
Mesa Verde	4767'	4796'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4767'
Menefee	4796'	5344'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4796'
Point Lookout	5344'	5792'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5344'
Mancos	5792'	6516'	Dark gry carb sh.	Mancos	5792'
Gallup	6516'	7300'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6516'
Greenhorn	7300'	7362'	Highly calc gry sh w/thin lmst.	Greenhorn	7300'
Graneros	7362'	7413'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7362'
Dakota	7413'	7695'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7413'

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5. LEASE DESIGNATION AND SERIAL NO

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6 IF INDIAN, ALLOTTEE OR TRIBE NAME

NMNM-78413D

7. UNIT AGREEMENT NAME

SAN JUAN 28-7 UNIT

8. FARM OR LEASE NAME, WELL NO.

SAN JUAN 28-7 UNIT 111N

9 API WELL NO

30-039-30808-0003

10. FIELD AND POOL, OR WILDCAT

OTERO CHACRA

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

Sec. 20, T27N, R7W

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

ConcoPhillips Company

3. ADDRESS AND TELEPHONE NO.

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At total depth F (SE/NW), 1714' FNL & 1739' FWL

14 PERMIT NO DATE ISSUED

12 COUNTY OR PARISH

Rio Arriba

13 STATE

New Mexico

15 DATE SPUDDED

10/31/11

16 DATE TD REACHED

12/15/11

17 DATE COMPL (Ready to prod.)

02/17/12 GRC

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

GL 6540' KB 6555'

19 ELEV CASINGHEAD

20 TOTAL DEPTH, MD & TVD

MD 7695' - 7524' VD

21. PLUG, BACK TD, MD & TVD

MD 7661' - 7490' VD

22 IF MULTIPLE COMPL, HOW MANY*

3

23 INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

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

Otero Chacra 3993' - 4737'

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#	321'	12 1/4"	Surface, 102sx(163cf-29bbbls)	7bbbls
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4 1/2" / L-80	11.6#	7680'	6 1/4"	TOC@3074', 244sx(493cf-88bbbls)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7555'	
					4.7# / L-80		

31 PERFORATION RECORD (Interval, size and number)

Chacra w/ .34" diam.
1SPF @ 3993' - 4737' = 25 Holes

CH Total Holes = 25

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

3993' - 4737'

Pumped 31bbbls of 2% KCL water. Acidize w/ 10bbbls. Frac'd w/ 2,152bbbls of 75% Quality Ves Foam w/ 39,891# of 20/40 Brady Sand. N2:1,240,000SCF.

33 PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
02/17/12 GRC	FLOWING	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL	GAS-OIL RATIO
02/28/12	1hr.	1/2"		0 / bwph	2 mcf / h	trace / bwph	

FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL	OIL GRAVITY-API (CORR.)
SI-79psi	SI-627psi		0 / bopd	45 mcf / d	trace / bwph	

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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MAR 13 2012

FARMINGTON FIELD OFFICE
BY *SCV*

AV

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Kirtland	2238'	2688'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2238'
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Greenhorn	7300'	7362'	Highly calc gry sh w/thin lmst.	Greenhorn	7300'
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Dakota	7413'	7695'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7413'

PC