

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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 M (SWSW), 203' FSL & 91' FWL

At top prod Interval reported below

UNIT M (SWSW), 714' FSL & 703' FWL

At total depth

UNIT M (SWSW), 714' FSL & 703' FWL

14 Date Spudded
4/30/2012

15. Date T D Reached
5/12/2012

16. Date Completed 7/10/12 - GRS
☐ D & A ☐ Ready to Prod.

17 - Elevations (DF, RKB, RT, GL)*
GL-6,686' / KB-6,701'

18. Total Depth MD 7,100'
TVD 6,976'

19. Plug Back T D MD 7,050'
TVD 6,926'

20. Depth Bridge Plug Set MD 6,790'
7/19/2012 TVD

21 Type Electric & Other Mechanical Logs Run (Submit copy of each)

22 Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

GR/CCL/CBL

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	230'	N/A	106 sx Premix	29 bbls	Surface	2 bbls
8 3/4"	7", J-55	23#	0	4,309'	N/A	594 sx Prem Lt	215 bbls	Surface	60 bbls
6 1/4"	4 1/2", L-80	11.6#	0	7,079'	N/A	197 sx Prem Lt	71 bbls	4,400'	

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	6,350'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) Basin Dakota	6,846'	6,988'	1 SPF	.34" diam	32	Open
B)	7,002'	7,024'	2 SPF	.34" diam	14	Open
C)						
D) TOTAL HOLES					46	

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
6,846' - 7,024'	Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 39,650 gal slickwater w/ 40,112# 20/40 Brady Sand.

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
SI	7/16/2012	1	→	Trace/h	18mcf/h	Trace p/h			FLOWING
Choke Size	Tbg Press Flwg SI	Csg. Press SI	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	8	632	→	1bopd	426mcf/d	4 bwpd		SI	

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	
	SI		→						

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

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AUG 10 2012

FARMINGTON FIELD OFFICE
BY TL Salyers

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

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

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	1575'	1738'	White, cr-gr ss	Ojo Alamo	1575'
Kirtland	1738'	2056'	Gry sh interbedded w/light, gry, fine-gr ss.	Kirtland	1738'
Fruitland	2056'	2352'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	2056'
Pictured Cliffs	2352'	2468'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	2352'
Lewis	2468'	2825'	Shale w/ siltstone stringers	Lewis	2468'
Huerfano Bentonite	2825'	3288'	White, waxy chalky bentonite	Huerfano Bentonite	2825'
Chacra	3288'	4022'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3288'
Mesa Verde	4022'	4098'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4022'
Menefee	4098'	4825'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4098'
Point Lookout	4825'	5262'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4825'
Mancos	5262'	5887'	Dark gry carb sh	Mancos	5262'
Gallup	5887'	6770'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg interbed sh.	Gallup	5887'
Greenhorn	6770'	6820'	Highly calc gry sh w/ thin lmst	Greenhorn	6770'
Graneros	6820'	6844'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6820'
Dakota	6844'	7100'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6844'
Monison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Monison	0

32 Additional remarks (include plugging procedure).

Current status of this well is a Mancos only. Will return at a later date to drill out CIBP @ 6,790' and commingle under DHC4538.

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)

DENISE JOURNEY

Title

REGULATORY TECHNICIAN

Signature

Denise Journey

Date

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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☐ D & A ☐ Ready to Prod

18. Total Depth: MD 7,100'
TVD 6,976'

19 Plug Back T.D.: MD 7,050'
TVD 6,926'

20. Depth Bridge Plug Set MD 6,790'
7/19/2012 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

GR/CCL/CBL

23. Casing and Linner Record (Report all strings set in well)

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12 1/4"	9 5/8", H-40	32.3#	0	230'	N/A	106 sx Premix	29 bbls	Surface	2 bbls
8 3/4"	7", J-55	23#	0	4,309'	N/A	594 sx Prem Lt	215 bbls	Surface	60 bbls
6 1/4"	4 1/2", L-80	11.6#	0	7,079'	N/A	197 sx Prem Lt	71 bbls	4,400'	

RCVD AUG 10 '12
OIL CONS. DIV.

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	6,350'							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Lower Mancos	6,095'	6,265'	3 SPF	.34" diam	54	Open
B) Upper Mancos	5,920'	6,040'	3 SPF	.34" diam	48	Open
C)						
D) TOTAL HOLES					102	

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

Depth Interval	Amount and Type of Material
6,095' - 6,295'	Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 38,764 gal 25# x-linked 70Q N2 foam w/ 120,150# 20/40 & 34,924# 16/30 Brady Sand. Total N2: 2,330,100scf.
5,920' - 6,040'	Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 34,018 gal 25# x-linked 70Q N2 foam w/ 120,025# 20/40 & 25,896# 16/30 Brady Sand. Total N2: 1,970,500scf.

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
7/10/12 - GRS	7/16/2012	1	→	4 boph	12mcf/h	1bwph			FLOWING
Choke Size	Tbg Press Flwg. SI	Csg Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	8	632	→	107bwph	278mcf/d	23bwph		SI	

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. 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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ACCEPTED FOR RECORD

AUG 10 2012

FARMINGTON FIELD OFFICE
BY TL Salvors

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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31. Formation (Log) Markers

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					Meas. Depth
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Kirtland	1738'	2056'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	1738'
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Pictured Cliffs	2352'	2468'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	2352'
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Greenhorn	6770'	6820'	Highly calc gry sh w/ thin lmst	Greenhorn	6770'
Graneros	6820'	6844'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	6820'
Dakota	6844'	7100'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6844'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	0

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