

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

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

2. Name of Operator
ConocoPhillips Co.

3. Address P.O. Box 2197, WL3-6085 Houston Tx 77252 3.a Phone No. (Include area code) (832)486-2463

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface Sec 8 T29N R6W 775FSL 2630FEL
At top prod. interval reported below
At total depth

5. Lease Serial No. NMSF080379-A
6. Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and no.
8. Lease Name and Well No. San Juan 29-6 Unit 19C
9. API Well No. 30-039-29532
10. Field and Pool, or Exploratory Blanco Mesaverde
11. Sec., T., R., M., on Block and Survey or Area Sec 8 T29N R6W
12. County or Parish Rio Arriba 13. State NM
17. Elevations (DF, RKB, RT, GL)* 6744' GL

14. Date Spudded 01/06/2006 15. Date T.D. Reached 01/16/2006 16. Date Completed ☐ D & A ☒ Ready to Prod. 03/08/2006

18. Total Depth: MD 6157' TVD 19. Plug Back T.D.: MD 6147' TVD 20. Depth Bridge Plug Set: MD TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each) CBL; TDT; GR/CCL 22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	9.625 H40	32.3	0	235		150		0	
8.75	7 J-55	20	0	3427		575		0	
6.25	4.5 J-55	10.5	0	6148		315		3500	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	5780							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Blanco Mesaverde	5402'	5887'	5402' - 5602'	.34	38	Open
B)			5777' - 5887'	.34	74	Open
C)						
D)						

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

Depth Interval	Amount and Type of Material
5402' - 5602'	Frac'd w/1102 BBI 60% Slickfoam w/13,200# 14/30 Liteprop 125, tailed in w/2000# 20/40 Brady & 1,240,500 SCF N2.
5777' - 5887'	Frac'd w/1192 BBI 60% Slickfoam w/13,435# 14/30 Liteprop 125, tailed in w/2000# 20/40 Brady & 985,749 SCF N2.

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
3/8/06	3/6/06	24	→	.50	2112	2			Flows from Well
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/2	320	700	→					GSI	

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)

ACCEPTED FOR RECORD

APR 05 2006

FARMINGTON FIELD OFFICE

BY

NMOCD

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 (Sold, used for fuel, vented, etc.)

Vented

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porosity and contents thereof: Cored intervals and all drill-stem tests, 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
				Nacimiento	1455.8
				Ojo Alamo	2681.9
				Kirtland	2887.1
				Fruitland	3380.3
				Pictured Cliff	3623.5
				Otero Chacra	4632.4
				Cliffhouse	5401.1
				Menefee	5495.9
				Pt. Lookout	5804.3

32. Additional remarks (include plugging procedure):

New single well producing from the Blanco Mesaverde. Daily summary report and wellbore schematic are attached.

On 1/8/06 tested surface casing to 1000psi for 30 minutes. Test held. On 1/14/06, tested 7" casing to 1800psi for 30 minutes. Test held.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geological 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) Christina GustartisTitle Regulatory Specialist

Signature

Chris GustartisDate 03/16/2006

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

INITIAL COMPLETION, 2/23/2006 07:00

API/Bottom UWI	County	State/Province	Surface Legal Location	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
300392953200	Rio Arriba	NEW MEXICO	NMPM-29N-06W-08-O	775.00	S	2,630.00	E
Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date			
6,744.00	36° 44' 6.216" N	107° 29' 8.304" W	1/6/2006	1/17/2006			

1/27/2006 07:00 - 1/27/2006 16:00

Last 24hr Summary

Held safety meeting. RU Slumberger. Pressured up on 4 1/2" CSG to 1500 #. Ran CBL log from 6123' to 3250'. Top of cement @ 3500'. Ran TDT log from 6123' to 2550'. Ran GR/ccl log from 6123' TO surface. RD Schlumberger. Tested 4 1/2" csg to 4050 # for 30 min. Held ok.

2/19/2006 08:00 - 2/19/2006 14:00

Last 24hr Summary

PJSM w/ crews, Discussed days events and ways to prevent incident. RU MOTE hot oiler and heat 10 tanks of frac water to 100°.

2/20/2006 08:00 - 2/20/2006 14:00

Last 24hr Summary

PJSM w/ crews, Discussed days events and ways to prevent incident. Set BJ Services sand master and Haul sand w/ US Transport.

2/21/2006 13:00 - 2/21/2006 15:30

Last 24hr Summary

PJSM w/ Computalog. Discussed days events and ways to prevent incident. RU Computalog perforating unit w/ pressure control, and mast truck. MU and RIH w/ 3 1/8" SF PP 90° charges w/ Owen 302g @ .34" dia and perforate PLO as follows: 5777'- 5798', 5805'-5810', 5827'-5831', 5847'-5887'. For a total of 74 holes. SWI, Leave equipment rigged up for 2nd stage.

2/22/2006 06:45 - 2/22/2006 16:30

Last 24hr Summary

PJSM w/ BJ Services, Computalog, and Dawn Tkg. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.
RU BJ Services frac equipment. Pressure test lines to 5020#, Set pop-off @ 3820#. Start Step rate @ 40.6 BPM & 1967#, Step to 35.6 BPM & 856#, Step to 30.2 BPM & 304#, Step to 17 BPM & 0#, Start 24 bbl 15% HCL. Frac PLO formation w/ 1192 total BBI 60% slick foam w/ 13,435# 14/30 Liteprop 125, & tailed in w/ 2000# 20/40 Brady. Total N2= 985,749 scf. AV rate= 60 BPM, AV psi= 2237#, Max PSI= 2331#. FG= .438 psi/ft. Max sand conc.= 1# ISDP= 45#.
PJSM w/ Computalog. MU and RIH w/ KOT 4" CBP and set @ 5652'. MU and RIH w/ 3 1/8" SF 90° PP degree 302g charges w/ .34" dia. and Perforate MEN/CH as follows: 5402'-5412', 5417'-5721', 5448'-5476', 5502'-5510', 5550'-5556', 5594'-5602'. For a total of 38 holes.
RU BJ Services frac equipment. Pressure test lines to 5020#, Set pop-off @ 3820#. Start Step rate @ 42 BPM & 1750#, Step to 35.0 BPM & 1150#, Step to 29.5 BPM & 712#, Step to 23.8 BPM & 444#, Step 14 bpm & 0#. Spear head 33 bbl 15% HCL. Frac MEN/ CH formation w/ 1102 total BBI 60% slick foam w/ 13,200# 14/30 Liteprop 125, & tailed in w/ 2000# 20/40 Brady. Total N2= 1,240,500 scf. AV rate= 55 BPM, AV psi= 2488#, Max PSI= 2586#. ISDP=1230#, 5Min= 1138# FG= .438 psi/ft. SWI. RD BJ Services. MO LOC. PJSM w/ Wood group. Start Flowback w/ 16/64" choke.

2/23/2006 07:00 - 2/23/2006 17:00

Last 24hr Summary

Standby waiting on frac

2/24/2006 07:00 - 2/24/2006 17:00

Last 24hr Summary

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA. Road unit and equipment from SJ 29-6 # 14B to SJ 29-6 # 19C. Check location for hazards and LEL's. Spot Key rig # 11. Ru unit, pump and blow line. Bradenhead=650#. Bled down to 0#. SICP=650#. BWD to 200#. Kill w/ 30 bbl 2% KCL. Set test plug through frac stack. Couldnt run in lock down pins. (To tight) Wait on Wood Group. Kill well w/20 bbl 2% KCL. Set test plug and run in 3 lock down pins. ND frac stack. NU BOPE. PJSM w/ roust-about crew. RU flow line and place all concrete blocks. Load BOP w/ water. RU Key Energy pressure pump. Pressure test blind and pipe rams to 200# low and 3000# high. Test was good. Charted and witnessed by Sergio. S w/ Key energy. RU floor and tbg. tools. Remove thread protectors. Secure well & SDFN.

2/27/2006 07:00 - 2/27/2006 17:00

Last 24hr Summary

PJSM w/crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.

SICP=620#

Bradenhead=220#

Bled well down. Kill CSG w/ 20 bbls 2% KCL. RIH w/ 3-7/8" W.S. Mill, expenable check, and F Nipple. Trip in hole picking up 170 JTS 2-3/8" TBG. RU Air and unload well @ 5288'. RD Air. Pick up 11 JTS 2-3/8" TBG. Tag sand @ 5606'. C/O 46' of sand to CBP @ 5652' w/air-mist 6-9 BBLs/HR. Circulate clean bringing back light sand and water. RD Air. POOH w/12 JTS 2-3/8". Kill TBG and remove string float. POOH 20 JTS 2-3/8" TBG. Secure well. SIWFN.

2/28/2006 07:00 - 2/28/2006 17:00

Last 24hr Summary

.PJSM w/crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.

SICP=550#

Bradenhead=75#

Bled well down. Kill CSG w/20 bbls 2% KCL. RIH w/ RBP, 20 JTS 2-3/8" TBG, Set RBP and POOH w/20 JTS. Fill CSG w/2% KCL. PJSM w/crews. ND BOPE. Remove and replace tubing head. Test tubinghead, NU BOPE. Set test plug. Load BOP w/water. RU Key Energy pressure pump. Pressure test blind and pipe rams to 200# low and 3000# high. Test was good. Charted and witnessed by Sergio. S w/Key Energy. Remove test plug. RIH w/retrieving tool, 20 JTS 2-3/8" TBG and retrieve RBP. POOH lay down RBP. RIH 32 JTS 2-3/8" TBG. Didnt tag any sand. Break circulation w/air-mist @ 5652' on top of CBP. POOH w/12 JTS 2-3/8" TBG. Secure well. SIWFN

3/1/2006 07:00 - 3/1/2006 17:00

Last 24hr Summary

PJSM w/crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.
SICP=650# Braidenhead=75#
Bled well down. Kill TBG w/10 bbls 2% KCL. POOH w/170 JTS 2-3/8" TBG. RIH w/RBP
set @ 5291'. Load hole w/75 bbls. Test CSG @ 1000# for 15 min. Test good. Release RBP and pull up hole
to 3633'. Set RBP, load hole and test RBP @ 1000# for 15 min. Test good. Secure well. SIWFN.

3/2/2006 07:00 - 3/2/2006 17:00

Last 24hr Summary

PJSM w/crews. Discussed days events and ways to prevent incident filled out and reviewed JSA.
SICP=0# Intermediate=60# Surface=0#
RIH w/1 JT, release RBP and POOH w/117 JTS 2-3/8" TBG. RIH w/3-7/8" Mill, 2' x 2-3/8" Pup Joint, Inline expendable check and 170 JTS 2-3/8" TBG. RU
Air, establish circulation and unload well @ 5288'. RIH w/11 JTS 2-3/8" TBG.
RU Swivel. Tag sand @ 5650'. C/O 2' of sand to 5652'. Drill out CBP @ 5652'. Circulate clean. RD Swivel. POOH w/12 JTS 2-3/8" TBG. Secure well.
SIWFN.

3/3/2006 07:00 - 3/3/2006 17:00

Last 24hr Summary

PJSM w/crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.
SICP=700# Intermediate=60# Surface=0#
Bled down CSG. RIH w/38 JTS 2-3/8" TBG. RU swivel and establish circulation w/air-mist,
9/10 bbls/hr. Tag sand @ 6094 C/O to 6123. (PBTD) Circulate clean, light sand and water.
RD swivel. POOH w/12 JTS. Secure well. SDFWE.

3/6/2006 07:00 - 3/6/2006 17:00

Last 24hr Summary

PJSM w/crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.
SICP=800#
Intermediate=175#
Surface=0#
Bled well down. RIH w/12 JTS 2-3/8" TBG didnt tag any sand. RU air and unload well @ 6123' PBTD. Circulate clean w/air-mist @ 9/10 bbls/hr. POOH w/12
JTS 2-3/8" TBG. EOT @ 5780'. Kill TBG w/8 bbls 2% KCL. Remove string float. RU air and test TBG @ 1000#. Pump out expendable check @ 1350#.
Unload well w/air-mist for 30 min. RD air. RU flow line w/1/2" choke.
4 hrs. TEST IS AS FOLLOWS:
2-3/8" TBG. TBG SET @ 5780'
FTP=320#
SICP=700#
MV PROD= 2,112 MCFPD
2 BWPD 1/2 BOPD
NO SAND WITNESSED BY S.SERNA w/KEY ENERGY
SIWFN.

3/7/2006 07:00 - 3/7/2006 17:00

Last 24hr Summary

PJSM w/crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.
SICP=800#
SITP=700#
Intermediate=70#
Surface=0#
RU Slick line unit. RIH w/EOT locator. Tag no fill. PUH and found EOT @ 5780' POOH.
RIH w/ Spectra Scan Log. Log across Mesa Verde interval (5402' - 5810). Logging tool would not go thru BHA. POOH and lay down logging tool. RIH w/slick
line plug and set in F Nipple. POOH
and RD slick line. Bled down CSG. POOH w/2-3/8" TBG. Secure well. SIWFN.

3/8/2006 07:00 - 3/8/2006 17:00

Last 24hr Summary

PJSM w/crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.
SICP=700#
Intermediate=50#
Surface=0#
BWD, Drift in hole w/185 jts, RIH 12 jts, Check for fill (no fill). Lay down 12 jts.
Land well w/185 jts 2-3/8" tbg, (2) - 10' subs, (1) - 6' sub, 1.81" FN, and 1/2 MS re-entry guide,
EOT @ 5780' KB. Top of FN @ 5778' KB. ND BOPE. NU tbg master valve. Pump 8 bbls 2% kcl
down tbg. RU air. Test tbg @ 1000 psi for 10 min. Pump out expendable check @ 1200 psi, unload well, RD air. Check Seals for leaks. RD equipment and
unit, Purge air from tutulars. Checked w/02monitor. Move off location to SJ 29-6 #74C. Turn over to Construction group to build facility.
FINAL REPORT.
MV PROD= 2112 MCFPD
2 BWPD
1/2 BOPD

Well Name: San Juan 29-6 #19C
 API #: 30-039-29532
 Location: 775' FSL & 2630' FEL
Sec. 8 - T29N - R6W
Rio Arriba County, NM
 Elevation: 6744' GL (above MSL)
 Drl Rig RKB: 13' above Ground Level
 Datum: Drl Rig RKB = 13' above GL

11" 3M x 7 1/16" 5M Tubing Head
 11" 3M x 11" 3M Casing Spool
 9-5/8" 8 RD x 11" 3M Casing Head

Patterson Rig: #747
 Spud: 6-Jan-06
 Spud Time: 23:30
 Date TD Reached: 16-Jan-06
 Release Drl Rig: 17-Jan-06
 Release Time: 16:00:00 PM

Surface Casing Date set: 7-Jan-06
 Size 9 5/8 in
 Set at 235 ft # Jnts: 5
 Wt. 32.3 ppf Grade H-40
 Hole Size 12 1/4 in Conn STC
 Excess Cmt 125 %
 T.O.C. SURFACE Csg Shoe 235 ft
 TD of 12-1/4" hole 245 ft

Notified BLM @ _____ hrs on _____
 Notified NMOCD @ _____ hrs on _____

Intermediate Casing Date set: 13-Jan-06
 Size 7 in 80 jts
 Set at 3427 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 150 % Top of Float Collar 3384 ft
 T.O.C. SURFACE Bottom of Casing Shoe 3427 ft
 Pup @ _____ ft TD of 8-3/4" Hole 3439 ft
 Pup @ _____ ft

Notified BLM @ _____ hrs on _____
 Notified NMOCD @ _____ hrs on _____

Production Casing: Date set: 17-Jan-06
 Size 4 1/2 in 144 jts
 Set at 6148 ft 0 pups
 Wt. 10.5 ppf Grade J-55
 Hole Size 6 1/4 in Conn STC
 Excess Cmt 50 % Top of Float Collar 6147 ft
 T.O.C. (est) 3227 Bottom of Casing Shoe 6148 ft
 Marker Jt @ _____ ft TD of 8-3/4" Hole 6157 ft
 Marker Jt @ _____ ft
 Marker Jt @ _____ ft
 Marker Jt @ _____ ft

Notified BLM @ _____ hrs on _____
 Notified NMOCD @ _____ hrs on _____

Top of Float Collar 6147 ft
 Bottom of Casing Shoe 6148 ft

TD of 8-3/4" Hole: 6157 ft

SurfaceCement

Date cmt'd: 7-Jan-06
 Lead : 150 sx Class G Cement
 + 3% S001 Calcium Chloride
 + 0.25 lb/sx D029 Cellophane Flakes
 1.16 cuft/sx, 174.0 cuft slurry at 15.8 ppg
 Displacement: 15.0 bbls fresh wtr
 Bumped Plug at: 12:00 hrs w/ 400 psi
 Final Circ Press: 80 psi @ 0.5 bpm
 Returns during job: YES
 CMT Returns to surface: 20 bbls
 Floats Held: No floats used
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)
 W.O.C. for 16.00 hrs (plug bump to test csg)

Intermediate Cement

Date cmt'd: 13-Jan-06
 Lead : 360 sx Class G Cement
 + 0.25 lb/sx D029 Cellophane Flakes
 + 3% D079 Extender
 + 0.20% D046 Antifoam
 + 10.00 lb/sx Phenoseal
 2.72 cuft/sx, 979.20 cuft slurry at 11.7 ppg
 Tail : 215 sx 50/50 POZ : Class G Cement
 + 0.25 lb/sx D130 Polyester Flakes
 + 2% D020 Bentonite
 + 1.50 lb/sx D024 Gilsonite Extender
 + 2% S001 Calcium Chloride
 + 0.10% D046 Antifoam
 + 6 lb/sx Phenoseal
 1.31 cuft/sx, 268.55 cuft slurry at 13.5 ppg
 Displacement: 137 bbls
 Bumped Plug at: 18:00 hrs w/ 1500 psi
 Final Circ Press: 1000 psi @ 2.0 bpm
 Returns during job: YES
 CMT Returns to surface: 50 bbls
 Floats Held: X Yes ___ No
 W.O.C. for NA hrs (plug bump to start NU BOP)
 W.O.C. for 8.00 hrs (plug bump to test csg)

Production Cement

Date cmt'd: 17-Jan-06
 Cement : 315 sx 50/50 POZ : Class G Cement
 + 0.25 lb/sx D029 Cellophane Flakes
 + 3% D020 Bentonite
 + 1.00 lb/sx D024 Gilsonite Extender
 + 0.25% D167 Fluid Loss
 + 0.15% D065 Dispersant
 + 0.10% D800 Retarder
 + 0.10% D046 Antifoam
 + 3.5 lb/sx Phenoseal
 1.45 cuft/sx, 456.75 cuft slurry at 13.0 ppg
 Displacement: 97.7 bbls
 Bumped Plug: 08:00 hrs
 Final Circ Press: _____
 Returns during job: None Planned
 CMT Returns to surface: None Planned
 Floats Held: X Yes ___ No

Schematic prepared by:
 Michael P. Neuschafer, Drilling Engineer
 23-January-2006

COMMENTS:

9-5/8" Surf:	No float equipment was run. Ran a guide shoe and an aluminum baffle plate 1 jt above the guide shoe @ 191'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 225', 148', 104', 61'. Total: 4
7" Intermediate	DISPLACED W/ 137 BBLs. FRESH WATER. CENTRALIZERS @ 3417', 3342', 3256', 3169', 3084', 2998', 232', 103', 60'. TURBOLIZERS @ 2911', 2869', 2825', 2783', 2740', 2699'. Total: 9
4-1/2" Prod.	None. Total: 6