

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

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 Co.

3. Address  
P.O. Box 2197, WL3-6081 Houston Tx 77252

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

At Surface Sec 5 T29N R5W NWNW 885FNL 835FWL

At top prod. interval reported below

At total depth

14. Date Spudded

05/20/2005

15. Date T.D. Reached

05/28/2005

16. Date Completed

☐ D & A ☒ Ready to Prod.

07/09/2005

18. Total Depth: MD 6350  
TVD

19. Plug Back T.D.: MD 6285  
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	280		150		0	
8.75	7 J-55	20	0	4010		675		0	
6.25	4.5 J-55	10.5	0	6348		266		3370	

## 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	5979							

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blanco Mesaverde	5660'	6034'	5660' - 6034'	.34	33	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5660' - 6034'	Frac'd w/75Q ClearFrac LT; 200,001# 20/40 Brady sand; 2,195,100 SCF N2 & 1344 bbls fluid.

## 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
7/09/05	7/07/05	24	→	0	924	3			Flows from Well
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	140	300	→					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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

5. Lease Serial No.  
NMSF078343

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.  
NMNM 78415A

8. Lease Name and Well No.

San Juan 29-5 Unit 18C

9. API Well No.

30-039-29218

10. Field and Pool, or Exploratory

Blanco Mesaverde

11. Sec., T., R., M., on Block and Survey or Area Sec 5 T29N R5W

12. County or Parish Rio Arriba 13. State NM

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

6795' GL

ACCEPTED FOR RECORD

JUL 14 2005

FARMINGTON FIELD OFFICE  
BY [Signature] [Initials]

## 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	1463
				Ojo Alamo	2840
				Kirtland	3012
				TIG Fruitland	3345
				Pictured Cliffs	3696
				Chacra/Otero	4791
				Cliffhouse 1	5604
				604 Cliffhouse	5642
				Menefee	5681
				Pt. Lookout	5957

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

This is a new single well completion producing from the Blanco Mesaverde. Daily summary report and End of Well schematic is attached.

## 33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)    2. Geological Report    3. DST Report    4. Directional Survey  
5. Sundry Notice for plugging and cement verification    6. Core Analysis    7. 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 AnalystSignature Chris GustartisDate 07/11/2005

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.

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**Initial Completion, 06/03/2005 00:00**

API/Bottom UWI 300392921800	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-29N-05W-05-D	N/S Dist (ft) 885.00	N/S Ref N	E/W Dist (ft) 835.00	E/W Ref W
Ground Elevation (ft) 6,795.00	Latitude (DMS) 36° 45' 34.056" N	Longitude (DMS) 107° 23' 10.716" W	Spud Date 05/20/2005	Rig Release Date			

**06/03/2005 08:00 - 06/04/2005 15:00**

**Last 24hr Summary**

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.  
RU Schlumberger. Pressured up on 4 1/2" CSG to 1500 #. Ran CBL log from 6250' to 2880'. Top of cement @ 3370'. Ran TDT log from 6250' to 2800'.  
Ran GR/ccl log from 6250' to surface. RD Schlumberger. Tested 4 1/2" csg to 4300 # for 30 min. Held ok. SWI. RD Woodgroup

**06/10/2005 13:00 - 06/11/2005 00:00**

**Last 24hr Summary**

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.  
RU Computalog. Perforated the Mesaverde. RIH w/ 3 1/8" 90 degree select fire perforating gun. Perforated from 5660'-5668', 5700'-5704', 5727'-5733', 5873'-5877', 5900'-5904', 5973'-5991', 6026'-6034'. All shots are 1/2 SPF for a total of 33 holes w/ 0.34 dia. SWI. RD Computalog.

**06/13/2005 07:00 - 06/13/2005 14:00**

**Last 24hr Summary**

Held safety meeting. RU Schlumberger. Frac'd the Mesaverde. Tested lines to 5300 #. Set pop off @ 4000 #. Broke down formation @ 5 bpm @ 1741 #. Pumped pre pad @ 30 bpm @ 1857 #. Stepped down rate to 25 bpm @ 1293 #. Stepped down rate to 20 bpm @ 629 #. Stepped down rate to 15 bpm @ 0 #. ISIP 0 #. Pumped 1000 gals of 15% HCL acid @ 13 bpm @ 0 #. Frac'd the Mesaverde w/ 75 Q clearFrac LT. 200,001 # 20/40 Brady sand. Treated the last 15% of proppant volume with propnet for proppant flowback control, 2,195,100 SCF N2 & 1344 bbls fluid. Avg rate 65 bpm. Avg pressure 3668 #. Max pressure 4030 #. Max sand cons 3 # per gal. ISIP 679 #. Frac gradient .44. Tagged well w/ 3 isotope. tagged pad w/ Scandium. Tagged the 2# sand w/ Iridium. Tagged the 3 # PN w/ Antimony. SWI. RD Schlumberger. Started flowback.

**07/05/2005 12:00 - 07/05/2005 18:00**

**Last 24hr Summary**

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.  
Check location for hazards and LEL's. Spot unit and rig equipment. RU Key rig # 15. Ru manifold, pump,pit and blow line. SICP=390#. BWD, Kill w/ 30 bbl 2% KCL. Set hanger thru frac stack. ND frac stack. Nu BOPE. Ru Blooie line, and air unit. Place all concrete blocks and 5/8" safety cables. Load Bop w/ water. Pressure test BOPE to 200# low and 3000# high. Test was good. Charted and witnessed by G.Maez w/ Key Energy Services. Ru floor and tbg. tools.  
Secure well SDFN.

**07/06/2005 07:00 - 07/07/2005 18:00**

**Last 24hr Summary**

SICP=360#

PJSM w/ crews. Discussed days events and ways to prevent incident.Filled out and reviewed JSA.  
BWD, Kill csg w/ 20 bbl. Pooh w/ hanger. Mu and Rih picking up and drifting w/ 1/2 MS exp. ck, 1.81" FN and 191 jts 2 3/8" tbg. Tag fill @ 5996'. ( 8' perfs covered ). Start air unit, Establish circulation. Unload hole. C/O fill from 5996' to PBTD of 6278'. Circulate clean remainder of day. Pooh w/ 21 jts 2 3/8" tbg. Secure well SDFN.

**07/07/2005 07:00 - 07/07/2005 17:30**

**Last 24hr Summary**

SICP= 300#

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.  
BWD, Tih w/ 21 jts 2 3/8" tbg. Tag fill @ 6276'. ( 2' fill overnight ). Start air unit. Unload hole. C/O fill to PBTD of 6278'. Circulate clean. Cut mist & dry formation up. Puh 10 jts to 5978'. Pump 3 bbl kcl, drop ball. Pressure up w/ air. Pump out expendable check @ 750#. Unload fluid. SD air unit. Open well flowing up tbg to atmosphere w/ 1/2" choke @ surface. FLOW TEST MV AS FOLLOWS:  
2 3/8" tbg set @ 5978' KB  
MV perfs- 5660'- 6034'.  
SICP= 300#  
FTP= 140#  
MV Production= 924 MCFPD  
BWPD= 3  
BOPD= 0  
No sand. Test witnessed by G.Maez w/ Key Energy Services.  
Pooh w/ 10 jts 2 3/8" tbg. Secure well SDFN.

07/08/2005 07:00 - 07/08/2005 18:00

## Last 24hr Summary

SICP=340#.

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

BWD, TIH and tag no fill. Start air unit. Establish circulation w/ air. Unload hole @ 6278'. ( Returned 2-3 bbl) Circulate clean. PUH to 5557'.

PJSM w/ logging crews. RU H&amp;H wireline unit. MU and Rih w/ EOT locator. Find PBD @ 6285'. Find EOT @ 5559'. Pooh. Mu Protechnics Spectra Scan &amp; Completion Profile logging tools. Rih and log Spectra Scan @ 30' per min. Rih to 5610' Stop and record SBHP for 10 min. Rih below perfs @ 30 ft/min logging Spectra Scan.

Open well flowing up tbg to atmosphere w/ 1/2" choke @ surface. Pressures stabilized as follows: FTP= 150#, SICP= 330#. Log MV w/ 8 passes @ set speeds. 30,60,90,120 ft/min. Rih below perfs. SWI and change out 1/2" choke for 3/4" choke.

Open well flowing up tbg to atomosphere w/ 3/4" choke @ surface. Pressures stabilized as follows: FTP= 77#, SICP= 285#. Log MV w/ 8 passes @ same speeds as above.

SWI, Pooh and LD logging tools. Retrive data. Data was good. RD and release service companys.

BWD, Tih drifting w/ 13 jts 2 3/8" tbg. MU Tbg hanger. Land well w/ 6' 2 3/8" tbg sub, 190 jts 2 3/8" tbg, 1.81" FN, and 1/2 MS re-enrty guide. EOT @ 5979' KB. Top of FN @ 5977' KB. Secure well SDFN.

07/09/2005 07:00 - 07/09/2005 10:00

## Last 24hr Summary

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

RD Pump, pit. Load up blooieline in basket. RD Key rig # 15. Load all equipment and move to SJ 29-5 # 21B. Turn over to construction group to build facility. FINAL REPORT