

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

5. Lease Serial No.
NMSF078305

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

6. If Indian, Allottee or Tribe Name

2. Name of Operator
ConocoPhillips Co.

7. Unit or CA Agreement Name and no.
NMNM78415A

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

3a. Phone No. (Include area code)
(832)486-2463

8. Lease Name and Well No.

San Juan 29-5 Unit 21B

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

At Surface Sec 8 T29N R5W NWSE 2010FSL 2325FEL

At top prod. interval reported below

At total depth

9. API Well No.
30-039-27784

10. Field and Pool, or Exploratory
Blanco Mesaverde

11. Sec., T., R., M., on Block and
Survey or Area Sec 8 T29N R5W

12. County or Parish 13. State
Rio Arriba NM

14. Date Spudded
05/29/2005

15. Date T.D. Reached
06/07/2005

16. Date Completed
☐ D & A ☒ Ready to Prod.
07/15/2005

17. Elevations (DF, RKB, RT, GL)*
6625

18. Total Depth: MD 6108
TVD

19. Plug Back T.D.: MD 6102
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
CBL; RST; 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	245		150		0	
8.75	7 J-55	20	0	3874		655		0	
6.25	4.5 J-55	10.5	0	6105		255		3160	

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	5768							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blanco Mesaverde	5442'	5843'	5442' - 5843'	.34	31	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5442' - 5843'	Frac'd w/75 Q Clear Frac LT; 200,001# 20/40 Brady sand; 2,239,200 SCF N2 & 1270 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
	7/13/05	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	340	→					GSI	

ACCEPTED FOR RECORD

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
			→						JUL 22 2005
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

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	1498
				Ojo Alamo	2733
				Kirtland	2906
				Fruitland	3262
				Pictured Cliff	3557
				Chacra/Otero	4574
				Cliffhouse I	5383
				Menefee	5470
				Pt. Lookout	5751

32. Additional remarks (include plugging procedure):

New single well producing from the Blanco Mesaverde. Daily summary report and End of Well schematic are 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 07/20/2005

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.

BOULEVARD

ECONOMY

Initial Completion, 06/19/2005 00:00

API/Bottom UWI	County	State/Province	Surface Legal Location	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
300392778400	RIO ARRIBA	NEW MEXICO	NMPM-29N-05W-08-J	2,220.00	S	2,555.00	E
Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date			
6,605.00	36° 44' 20.256" N	107° 22' 47.424" W	05/29/2005				

06/13/2005 06:00 - 06/13/2005 15:00

Last 24hr Summary

Held safety meeting. RU Schlumberger. Pressured up on 4 1/2" CSG to 1500'. Ran CBL log from 6102' to 2700'. Top of cement @ 3160'. Ran RST log from 6102' to 2550'. Ran GR/ccl log from 6102' TO surface. RD Schlumberger. Tested 4 1/2" csg to 4300' for 30 min. Held ok. SWI. RD Woodgroup

06/20/2005 14:00 - 06/20/2005 18:00

Last 24hr Summary

Held safety meeting. RU Computalog. Perforated the Mesaverde w/ 3 1/8" 90 degree select fire perforating gun. Perforated from 5442' - 5446' w/ 1/2 spf, 5457' - 5461' w/ 1/2 spf, 5663' - 5671' w/ 1/2 spf, 5698' - 5706' w/ 1/2 spf, 5764' - 5774' w 1/2 spf, 5810' - 5820' w/ 1/2 spf, 5839' - 5843' w/ 1/2 spf. A total of 31 holes w/ 0.34 dia. RD Computalog.

06/21/2005 06:00 - 06/21/2005 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 @ 3 bpm @ 2642'. Pumped pre pad @ 31 bpm @ 1280'. Stepped down rate to 25 bpm @ 594'. Stepped down rate to 20 bpm @ 121'. Stepped down rate to 15 bpm @ 0'. ISIP 0#. Pumped 1000 gals of 15% HCL acid @ 20 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 proppnet for proppant flowback control, 2,239,200 SCF N2 & 1270 bbls fluid. Avg rate 65 bpm. Avg pressure 3386#. Max pressure 3905#. Max sand cons 3 # per gal. ISIP 2032#. 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.

07/11/2005 07:00 - 07/11/2005 17:00

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.Tore rubbers when setting hanger. Pooh. Wait for new rubbers. Install rubbers. Kill well w/ 20 bbl. Set tbq. hanger. ND frac stack. Nu BOPE.R&R pipe and blind rubbers. 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 J.Davis w/ Key Energy Services. Ru floor and tbq. tools. Secure well SDFN.

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

Last 24hr Summary

SICP=400#

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 62 jts 2 3/8" tbq. S/D for random drug ,alcohol and parafanalia inspection. Continue to tih and tag fill @ 6046'. (no perfs covered). Start air unit, Establish circulation. Unload hole. C/O fill from 6046' to PBTD of 6102'. Circulate clean remainder of day. Pooh w/ 20 jts 2 3/8" tbq. Secure well SDFN.

07/13/2005 07:00 - 07/13/2005 18:00

Last 24hr Summary

SICP= 300#

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA. WD, Tih w/ 20 jts 2 3/8" tbq. Tag fill @ 5999'. (3' fill overnight). Start air unit. Unload hole. C/O fill to PBTD of 6102'. Circulate clean. Cut mist & dry formation up. Puh 10 jts to 5771'. Pump 3 bbl kcl, drop ball. Pressure up w/ air. Pump out expendable check @ 775#. Unload fluid. SD air unit. Open well flowing up tbq to atmosphere w/ 1/2" choke @ surface.

FLOW TEST MV AS FOLLOWS:

2 3/8" tbq set @ 5771' KB

MV perfs- 5442'- 5843'

SICP= 340#

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" tbq. Secure well SDFN.

07/14/2005 07:00 - 07/14/2005 18:00

Last 24hr Summary

SICP=390#.

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 @ 6102'. (Returned 2-3 bbl) Circulate clean. PUH to 5348'. PJSM w/ logging crews. RU H&H wireline unit. MU and Rih w/ EOT locator. Find PBTD @ 6103'. Find EOT @ 5349'. Pooh. Mu Protechnics Spectra Scan & Completion Profile logging tools. Rih and log Spectra Scan @ 30' per min. Rih to 5392' Stop and record SBHP for 10 min. Rih below perfs @ 30 ft/min logging Spectra Scan. Open well flowing up tbq to atmosphere w/ 1/4" choke @ surface. Pressures stabilized as follows: FTP= 280#, SICP= 350#. Log MV w/ 8 passes @ set speeds. 30,60,90,120 ft/min. Rih below perfs. SWI and change out 1/4" choke for 1/2" choke. Open well flowing up tbq to atomosphere w/ 1/2" choke @ surface. Pressures stabilized as follows: FTP= 170#, SICP= 340#. 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. Secure well SDFN.

07/15/2005 07:00 - 07/15/2005 15:00

Last 24hr Summary

SICP= 390#.

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA. BWD, TIH drifting w/ 10 jts 2 3/8" tbg. RU Hanger, Land well w/ 183 jts 2 3/8" tbg w/ 1.81" FN and 1/2 MS re-entry guide on bottom. EOT @ 5768' KB. Top of FN @ 5766' KB. ND BOPE, NU tbg master valve. RD all rig equipment. RD unit. Move unit to SJ 29-5 # 45M. Turn well over to construction group to build facility. FINAL REPORT.