

(August 1999)

**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. Resrv.,
Other _____

2. Name of Operator
ConocoPhillips Co.

3. Address
P.O. Box 2197, WL3-6081 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 13 T29N R6W SWSE 165FSL 1840FEL

At top prod. interval reported below

At total depth

14. Date Spudded

01/08/2005

15. Date T.D. Reached

01/16/2005

16. Date Completed

☐ D & A ☒ Ready to Prod.
04/20/2005

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

6722' GL

18. Total Depth: MD 8147
TVD

19. Plug Back T.D.: MD 8144
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	227		250		0	
8.75	7 J-55	20	0	3946		670		0	
6.25	4.5 N-80	11.6	0	8146		465		2800	

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	7994							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blanco Mesaverde	5440	5957	5440' - 5957'	.34	46	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5440' - 5957'	Frac'd w/60 Q Slickfoam w/1 g/mg FR; 200,000# 20/40 Brady Sand; 2,620,000 SCF N2 & 2207 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
4/20/05	4/13/05	24	→	0	1320	5			Flows from Well
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/2	N/A	200	→					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	
			→						

ACCEPTED FOR RECORD

APR 29 2005

**FARMINGTON FIELD OFFICE
BY *[Signature]***

NMOC

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

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	1502
				Ojo Alamo	2778
				Kirtland	2959
				Fruitland	3351
				Pictured Cliffs	3671
				Chacra/Otero	4665
				Cliffhouse	5469
				Pt. Lookout	5844
				Gallup	7146
				Greenhorn	7827
				Lower Cubero	8066

32. Additional remarks (include plugging procedure):

This is a new downhole commingled well producing from the Blanco Mesaverde and Basin Dakota. Daily Summary 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 As Agent for ConocoPhillips CoSignature Chris GustartisDate 04/27/2005

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.

2005 APR 29

000001

Regulatory Summary

SAN JUAN 29 6 UNIT #033M

Initial Completion, 01/22/2005 00:00

API/UWI	County	State/Province	Surface Legal Location	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
300392752700	RIO ARRIBA	NEW MEXICO	NMPM-29N-06W-13-O	165.0	S	1,840.0	E
Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date			
6,722.00	36° 43' 7.932" N	107° 24' 48.492" W	01/08/2005	01/18/2005			

01/22/2005 07:00 - 01/22/2005 15:00

Last 24hr Summary

HELD PRE-JOB SAFETY MEETING. RU SCHLUMBERGER. PRESSURED UP CSG TO 1500 #. RAN CBL LOG FROM 8120' TO 2550'. TOP OF CEMENT @ 2800'. RAN TDT LOG FROM 8120' TO 2750'. RAN GR/CCL LOG FROM 8120' TO SURFACE. RD SCHLUMBERGER.

01/26/2005 08:00 - 01/26/2005 12:00

Last 24hr Summary

HELD PRE-JOB SAFETY MEETING. RU ISOLATION TOOL. TESTED 4 1/2" CSG TO 6700 # FOR 30 MIN. HELD OK. RD ISOLATION TOOL. SWI.

04/01/2005 13:00 - 04/01/2005 17:00

Last 24hr Summary

HELD SAFETY MEETING. RU BLUE JET. PERFORATED THE DAKOTA. RIH W/ 3 1/8" 120 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 7988' - 8010' W/ 2 SPF, 8059' - 8065' W/ 2 SPF, 8076' - 8082' W/ 2 SPF, 8094' - 8100' W/ 2 SPF. A TOTAL OF 80 HOLES @ 0.34 DIA. SWI. RD BLUE JET.

04/02/2005 06:00 - 04/02/2005 16:00

Last 24hr Summary

HELD SAFETY MEETING. RU ISOLATION TOOL. RU HALLIBURTON. FRAC'D THE DAKOTA. TESTED LINES TO 7700 #. SET POP OFF @ 6000 #. BROKE DOWN FORMATION @ 5 BPM @ 3185 #. PUMPED PRE PAD @ 40 BPM @ 4627 #. STEPPED DOWN RATE TO 30 BPM @ 3351 #. STEPPED DOWN RATE TO 20 BPM @ 2384 #. STEPPED DOWN RATE TO 10 BPM @ 1642 #. ISIP 1240 #. 5 MIN 715 #. 10 MIN 402 #. 15 MIN 179 #. 20 MIN 0 #. PUMPED 1000 GALS OF 15% HCL ACID @ 5 BPM @ 1036 #. FRAC'D THE DAKOTA W/ SLICKWATER @ 1.25 g/mg FR, 35,000 # 20/40 CARBOLITE SAND & 3468 BBLs FLUID. AVG RATE 55 BPM. AVG PRESSURE 3595 #. MAX PRESSURE 3991 #. MAX SAND CONS .40 # PER GAL. ISIP 2250 #. FRAC GRADIENT .65. RU BLUE JET. RIH W/ 4 1/2" COMPOSITE PLUG. SET PLUG @ 6008'. TESTED PLUG TO 4800 #. HELD OK. PERFORATED THE MESAVERDE W/ 3 1/8" 90 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 5440' - 5446' W/ 1/2 SPF, 5502' - 5508' W/ 1/2 SPF, 5522' - 5528' W/ 1/2 SPF, 5572' - 5578' W/ 1/2 SPF, 5578' - 5586' W/ 1/2 SPF, 5728' - 5732' W/ 1/2 SPF, 5816' - 5826' W/ 1/2 SPF, 5842' - 5846' W/ 1/2 SPF, 5858' - 5862' W/ 1/2 SPF, 5890' - 5908' W/ 1/2 SPF, 5951' - 5957' W/ 1/2 SPF. A TOTAL OF 46 HOLES W/ 0.34 DIA. SWI. RD BLUE JET.

04/08/2005 08:00 - 04/08/2005 14:00

Last 24hr Summary

HELD SAFETY MEETING. RU ISOLATION TOOL. RU HALLIBURTON. FRAC'D THE MESAVERDE. TESTED LINES TO 7050 #. SET POP-OFF @ 6034 #. BROKE DOWN FORMATION @ 5 BPM @ 1296 #. PUMPED PRE PAD @ 44 BPM @ 1809 #. STEPPED DOWN RATE TO 30 BPM @ 764 #. STEPPED DOWN RATE TO 20 BPM @ 146 #. STEPPED DOWN RATE TO 10 BPM @ 0 #. ISIP 0 #. PUMPED 1000 GALS OF 15% HCL ACID @ 5 BPM @ 0 #. FRAC'D THE MESAVERDE W/ 60 Q SLICK FOAM W/ 1 G/MG FR, 200,000 # 20/40 BRADY SAND, TREATED THE LAST 25% OF PROPPANT VOLUME WITH SANDWEDGE FOR PROPPANT FLOWBACK CONTROL. 2,620,000 SCF N2 & 2207 BBLs FLUID. AVG RATE 62 BPM. AVG PRESSURE 2722 #. MAX PRESSURE 3051 #. MAX SAND CONS 1.50 # PER GAL. ISIP 1785 #. FRAC GRADIENT .44. SWI. RD HALLIBURTON & ISOLATION TOOL. START FLOWBACK.

04/09/2005 07:00 - 04/10/2005 00:00

Last 24hr Summary

PJSM. LOAD EQUIPMENT ON SJ 29-5# 32G, ROAD UNIT AND EQUIPMENT TO SJ 29-6# 33M. SPOT UNIT AND EQUIPMENT.

04/11/2005 00:00 - 04/12/2005 00:00

Last 24hr Summary

SICP= 565#. PJSM W/ CREW. RU KEY RIG # 15. RU PUMP AND BLOW LINE. BWD TO 350#. KILL W/ 30 BBL 2% KCL SET HANGER. ND FRAC VALVE AND SPOOL. NU BOPE. RU WOOD GROUP TEST UNIT. TEST BOPE TO 200# LOW AND 3000# HIGH. BOTH BLIND AND PIPE RAMS. CHARTED TEST W/ CALIBRATED CHART. WITNESSED BY W. SHENEFIELD W/ MSCI. RU BLOOIE LINE, 2" FLOWLINE AND AIR UNIT. PLACE ALL CONCRETE BLOCKS. RU FLOOR AND TBG. TOOLS. POOH W/ HANGER. MU AND TIH W/ MS COLLAR, 1.81" FN AND 70 JTS 2 3/8" TBG. SECURE WELL AND SDFN.

04/12/2005 00:00 - 04/13/2005 00:00

Last 24hr Summary

SICP= 560#. PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. BWD. CONTINUE TO TIH W/ 118JTS 2 3/8" TBG. TAG FILL @ 5898'. (10' PERFS COVERED.) BREAK CIRCULATION W/ AIR MIST. UNLOAD HOLE. C/O FILL FROM 5898' TO CBP @ 6008' W/4 JTS. CIRCULATE CLEAN. POOH W/ 21 JTS. SECURE WELL SDFN.

04/13/2005 00:00 - 04/14/2005 00:00

Last 24hr Summary

SICP=540#. PJSM W/ CREWS. BWD. TIH W/ 21 JTS AND TAG 8' FILL. BREAK CIRCULATION W/ AIRMIST. UNLOAD HOLE. C/O FILL FROM 6000' TO CBP @ 6008'. CIRCULATE CLEAN. POOH W/ 10 JTS TO 5683'. OPEN WELL FLOWING UP 4.5" X 2 3/8" ANNULAS. MESA VERDE FLOW TEST IS AS FOLLOWS: 4 HR FLOW TEST
MV PERFS- 5440'-5908'.
FLOWING TO ATMOSPHERE W/ 1/2" CHOKE @ SURFACE. (CHOKE COEFICIENT OF 6.6)
EOT 2 3/8" SET @ 5683'. (MID PERF @ 5674'.)
FCP= 200#
SITP= N/A
MV PRODUCTION= 1320 MCFPD
0 BOPD
5 BWPD
NO SAND.
TEST WITNESSED BY W. SHENEFIELD W/ MSCI AND G. MAEZ W/ KEY ENERGY SERVICES
TIH W/ 10 JTS AND TAG 2' FILL. UNLOAD HOLE REMAINDER OF DAY. (UNABLE TO GET LOGGING UNIT.) CIRCULATE CLEAN. POOH W/ 21 JTS.
SECURE WELL SDFN.

04/14/2005 00:00 - 04/15/2005 00:00

Last 24hr Summary

SICP= 520#, SITP= 520# PJSM W/ CREWS.
(2 3/8" TBG SET W/ EOT @ 5338'.) OPEN WELL FLOWING UP TBG TO ATMOSPHERE W/ 1/2" CHOKE @ SURFACE.
PJSM W/ SL CREW AND PROTECHNICS.
SWI. RU H&H SL UNIT. RU EOT LOCATOR TOOLS. RIH AND TAG FILL @ 6004'. (CBP @ 6008'.) PUH AND FIND EOT @ 5340'. (100' ABOVE TOP PERF) POOH. RU PROTECHNICS MEMORY LOGGING TOOLS. RIH 50' ABOVE TOP MV PERF. GET SBHP. RIH BELOW PERFS. OPEN WELL FLOWING UP TBG. FTP STABILIZED @ 150#, SICP STABILIZED @ 465#. RUN SPINNER LOG IN MV FORMATION. (5440' TO 5908'.) POOH. LD TOOLS. RECOVER DATA. RIH AND SET PLUG IN FN W/ SL UNIT. POOH. RD SL UNIT.
BWD. TOOH W/ 170 JTS 2 3/8" TBG. LD FN AND MS COLLAR. MU AND RIH W/ 3 7/8" MILL. BIT SUB W/ MOD 1R STRING FLOAT AND 170 JTS 2 3/8" TBG.
SECURE WELL SDFN.

04/15/2005 00:00 - 04/16/2005 00:00

Last 24hr Summary

SICP= 520#, PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed PJSA.
BWD, TIH w/ 19 jts. tag fill @ 5958'. (50' fill). Break circulation w/ air mist. 1000 cfm w/ 6 BPH mist. Unload hole. and C/O fill to CBP @ 6008'. Circulate clean.
RU Swivel. D/O CBP @ 6008'. Circulating pressure from 650# to 800#. PU and let Psi equilibize. Continue drilling plug w/ 1000 cfm and 10 bph mist. D/O CBP.
LD Swivel. TIH w/ 65 jts 2 3/8" tbg and tag fill @ 8081'. (19' of PLO perfs covered). RU Swivel. Establish circulation w/ air. unload hole and push/ drill CBP to PBTD of 8140'. Circulate clean.
POOH w/ 112 jts 2 3/8" tbg. standing back.
Secure well. SDFN.

04/18/2005 00:00 - 04/19/2005 00:00

Last 24hr Summary

SICP=580#. BWD.
Tooh w/ 148 jts 2 3/8" tbg. Ld mill & bit sub. MU and TIH drifting w/ 2 3/8' 1/2 ms expendable ck, 1.81" FN and 258 jts 2 3/8" tbg. Tag fill @ 8075'. (65' fill).
Establish circulation w/ air mist. Unload hole. C/O fill from 8075' to PBTD of 8140'. circulate clean. Returning light Carboprop returns.
PooH w/ 9 jts 2 3/8" tbg. to 7883'. pump 3 bbl kcl. Drop ball. Pressure up w/ air to 1000#. Held pressure for 10 min. Continue to pressure up and pump off check @ 1110#. Circulate and unload fluid.
Ru tbg flow line w/ 1/2" choke @ surface. Prep for DK production log. Secure well SDFN.

04/19/2005 07:00 - 04/20/2005 00:00

Last 24hr Summary

SICP=560#.

PJSM w/ crews. Discussed days events and ways to prevent incident.

BWD, Tih w/ 9 jts and tag no fill. Establish circulation w/ air. Unload hole. PUH 9 jts w/ EOT @ 7884'. Pump 3 bbl 2 % kcl. Drop ball. Pressure up to 900# w/ air. Held for 5 min. Continue to pressure up and pump out check @ 950#. Unload fluid w/ air assist.

PJSM w/ Computalog. Ru E Line unit. Mu and RIH w/ GR/CCL/Prod logging tools.

RIH w/ tools to 7938'. (50' above top DK perf). Get SBHP. Rih below perms. Open well flowing up tbq w/ 1/2" choke at surface. Wait for pressures to stabilize. SICP= 560#, FTP= 90#. Log DK interval w/ 6 passes. Pooh w/ tools. RD WL unit.

DK PRODUCTION= 1012 MCFPD

25 BWPD

0 BOPD

AS PER COMPUTALOG PRODUCTION LOG.

Secure well SDFN.

04/20/2005 08:30 - 04/20/2005 11:30

Last 24hr Summary

Sicp= 560#.

PJSM w/ crews. Discussed days events and ways to prevent incident.

BWD, TIH drifting w/ 3 jts 2 3/8" tbq (tot of 254 jts), 4' tbq. sub and 6' tbq sub. Land w/ EOT @ 7994'. Top of 1.81" FN @ 7992'.

ND BOPE, NU Master valve. RD unit and equipment. Load equipment and move to SJ 29-5 #75M.

Turn well over to construction group to build facility.

FINAL REPORT>