

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 2005 JUL 12 PM 12 27

2. Name of Operator
ConocoPhillips Co.

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

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

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

At Surface Sec 6 T29N R5W NESE 2445FSL 1170FEL

At top prod. interval reported below

At total depth

14. Date Spudded
05/10/2005

15. Date T.D. Reached
05/18/2005

16. Date Completed
☒ D & A ☒ Ready to Prod
07/05/2005

18. Total Depth: MD 6215
TVD

19. Plug Back T.D.: MD 6204
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	234		150		0	
8.75	7 J-55	20	0	3955		665		0	
6.25	4.5 J-55	10.5	0	6205		265		3200	

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	5827							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blanco Mesaverde	5503'	5946'	5503' to 5946'	.34	30	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5503' to 5946'	Frac'd w/60 Q Slickfoam w/1g/mg FR; 47,000# 14/30 Lite prop 125 sand; 2100# 20/40 Brady sand; 2,776,729 SCF N2 & 2411 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
	07/01/05	24	→	0	660	3			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	100	245	→					Gas Shut In	

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 reverse side)

ACCEPTED FOR RECORD

JUL 14 2005

FARMINGTON FIELD OFFICE
BY J. 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	1306
				Ojo Alamo	2702
				Kirtland	2884
				TJG Fruitland	3197
				Pictured Cliffs	3555
				Chacra/Otero	4637
				Cliffhouse	5453
				Menefee	5532
				Pt. Lookout	5816

32. Additional remarks (include plugging procedure):

This is a new single well completion producing from the Blanco Mesaverde. Daily Summary and 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 Analyst

Signature

Chris GustartisDate 07/08/2005

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, 05/24/2005 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
300392920300	RIO ARRIBA	NEW MEXICO	NMPM-29N-05W-06-I	2,445.00	S	1,170.00	E
Ground Elevation (ft)		Latitude (DMS)		Longitude (DMS)		Spud Date	
6,669.00		36° 45' 14.724" N		107° 23' 35.448" W		05/10/2005	
						Rig Release Date	

05/24/2005 06:00 - 05/24/2005 00:00

Last 24hr Summary

Held safety meeting. RU Schlumberger. Pressured up on 4 1/2" CSG to 1500 #. Ran CBL log from 6176' to 2950'. Top of cement @ 3200'. Ran RST log from 6176' to 2600'. Ran GR/ccl log from 6176' TO surface. RD Schlumberger. Tested 4 1/2" csg to 4300 # for 30 min. Held ok. SWI. RD Woodgroup

06/02/2005 13:00 - 06/02/2005 15:00

Last 24hr Summary

Held PJSM w/ Computalog. Discussed days events and ways to prevent incident. Filled out and reviewed JSA. RU Computalog wireline unit. Mu and Rih w/ 3 1/8" cased hole guns w/ 12 g 361t charges and perforate the MV sands as follows: 5503'-5507', 5520'-5524', 5610'-5614', 5736'-5740', 5821'-5827', 5839'-5843', 5970'-5976', 5892'-5896', 5940'-5946'. All shots are 1 spf for a total of 30 0.34" dia holes. Secure well. RD computalog.

06/03/2005 10:00 - 06/03/2005 15:00

Last 24hr Summary

Held safety meeting.. RU BJ Services. Frac'd the Mesaverde Tested lines to 5300 #. Set pop off @ 3950 #. Broke down formation @ 7 BPM @ 2290 #. Pumped pre pad @ 30 BPM & 1635 #. Stepped down rate to 26 BPM @ 1053 #. Stepped down rate to 21 BPM & 953 #. Stepped down rate to 15 BPM @ 278 #. ISIP 0 #. Pumped 1000 gals of 15% HCL acid @ 13 BPM @ 0 #. Frac'd the Mesaverde W/ 60 Q slick foam W/ 1 G/MG FR, 47,000 # of 14/30 Lite prop 125 sand and 2100 # of 20/40 Brady sand. A total of 49,100 # sand pumped. 2,776,729 SCF N2 & 2411 bbls fluid. Avg rate 64 BPM. Avg pressure 3326 #. Max pressure 3834 #. Max sand cons 1.5 # per gal. ISIP 2125 #. Frac graident .44. Ran 3 Isotope. Ran Irridium in the .10 & .20. Ran Scandium in the .50 Ran Antimony in the .70 # SWI. RD BJ Services. Started flowback.

06/27/2005 07:00 - 06/27/2005 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 Key rig # 15. Ru unit, pump and blow line. SICP=460#. BWD to 200#. Kill w/ 30 bbl 2% KCL. Set tbg hanger through frac stack. ND frac stack. NU BOPE. PJSM w/ roust-about crew. RU blooe line, 2" 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 G.Maez w/ Key energy. RU floor and tbg. tools. Remove thread protectors. Kill csg w/ 10 bbl kcl. Release and pooh w/ tbg hanger. MU and Tih picking up and drifting w/ 1/2 MS exp ck, 1.81" FN and 40 jts 2 3/8" tbg. Safety door on tbg tongs broke. S/D so repairs could be made in the AM. Secure well SDFN

06/28/2005 07:00 - 06/28/2005 12:00

Last 24hr Summary

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA. Attempt to repair tbg tongs on location. No luck. No replacement tongs avialible @ Key yard. RD tongs and take to shop for repairs. No rig charges to COPC. Secure well SDFN.

06/29/2005 17:00 - 06/29/2005 17:00

Last 24hr Summary

Shut down - Waiting for Key to replace Tubing Tongs.

06/30/2005 06:30 - 06/30/2005 17:00

Last 24hr Summary

SICP= 430#

Quartly safety mtg. @ ConocoPhillips office. Road to location.

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

RU repaired tbg tongs. BWD, Continue to TIH picking up and drifting w/ 148 jts 2 3/8" tbg. Tag fill @ 5934'. (12' perfs covered). Start air unit. Establish circulation w/ air/mist. Unload hole. C/O fill to PBTD of 6183'.Circulate clean. Pooh w/ 24 jts. Secure well SDFN.

07/01/2005 07:00 - 07/01/2005 17:00

Last 24hr Summary

SICP=420#

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

BWD, Tih w/ 24 jts and tag fill @ 6180'. (3' fill over night.). Start air unit. Establish circulation w/ air/mist. Unload hole. C/o to PBTD of 6183'. Circulate clean.

PUH to 5828'. Pump 3 bbl kcl, Pump off expendable check @ 750# w/ air.

SAFETY STAND DOWN FOR 1 HR.

Open well flowing up tbg to atmosphere. Record pressures w/ 1/2" choke @ surface. Pressures stabilized as follows:

MV perfs- 5503'- 5946'

2 3/8" tbg set @ 5828'.

SICP= 245#

FTP= 100#

MV production= 660 mcfpd

BWPD= 3

BOPD= 0

No sand. Witnessed by G.Maez w/ Key Energy Services and Wayne Shenefield w/ MVCI.

Pooh w/ 14 jts. Secure well SDFN.

07/02/2005 07:00 - 07/02/2005 17:00

Last 24hr Summary

SICP=360#.

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 @ 6180'. (Returned 2-3 bbl) Circulate clean. PUH to 5400'.

PJSM w/ logging crews. RU H&H wireline unit. MU and Rih w/ EOT locator. Find PBD @ 6188'. Find EOT @ 5402'. Pooh. Mu Protechnics Spectra Scan & Completion Profile logging tools. Rih and log Spectra Scan @ 30' per min. Rih to 5450' Stop and record SBHP for 10 min. Rih below perfs @ 30 ft/min logging Spectra Scan.

Open well flowing up tbq to atmosphere w/ 1/2" choke @ surface. Pressures stabilized as follows: FTP= 100#, SICP= 245#. 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 tbq to atmosphere w/ 3/4" choke @ surface. Pressures stabilized as follows: FTP= 75#, SICP= 210#. Log MV w/ 8 passes @ same speeds as above.

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

BWD, Tih drifting w/ 13 jts 2 3/8" tbq. MU Tbg hanger. Land well w/ 10' 2 3/8" tbq sub, 184 jts 2 3/8" tbq, 1.81" FN, and 1/2 MS re-enrty guide. EOT @ 5827' KB. Top of FN @ 5825' KB. Secure well SDFN.

07/05/2005 08:30 - 07/05/2005 11:30

Last 24hr Summary

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

Bleed down BOP stack. ND Bope, Nu tbq-master valve. Ru flow line on tbq. Flow tbq and csg to pit to ensure O2 is purged. SWI and secure. RD equipment. RD unit. PJSM w/ Dawn trucking. Load out rig equipment.

Turn well over to construction group to build facility. FINAL REPORT.