Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMSF080379

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: CONOCOPHILLIPS COMPANY
Contact: PATSY CLUGSTON
E-Mail: pclugs@ppco.com

8. Lease Name and Well No.: SAN JUAN 29-6 UNIT 204A

3. Address: 5525 HIGHWAY 64, FARMINGTON, NM 87401
3a. Phone No. (include area code): Ph: 505.599.3454

9. API Well No.: 30-039-27505-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: Sec 7 T29N R6W Mer NMP NWSE 1870FSL 1340FEL
At top prod interval reported below
At total depth

10. Field and Pool, or Exploratory: BASIN FRUITLAND COAL

11. Sec., T., R., M., or Block and Survey or Area: Sec 7 T29N R6W Mer NMP

12. County or Parish: RIO ARRIBA
13. State: NM

14. Date Spudded: 12/14/2003
15. Date T.D. Reached: 01/26/2004
16. Date Completed ☐ D & A ☒ Ready to Prod. 02/19/2004
17. Elevations (DF, KB, RT, GL)*: 6804 GL

18. Total Depth: MD 3772 TVD 3772
19. Plug Back T.D.: MD 3758 TVD 3758
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
MUDLOG CBL GSL OTH

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 H-40	32.0	0	232		150	31	0	11
8.750	7.000 J-55	20.0	0	3462		555	234	0	38
6.250	4.250 I-80	12.0	0	3765		40		3120	0

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	3740							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	FRUITLAND COAL	3644	3684	3644 TO 3684	0.400	120	OPEN
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
3644 TO 3684	1000 GAL 10% FORMIC ACID, 65 QUALITY 25# DELTA IN PAD W/6250# OF 40/70 ARIZONA SAND.
3644 TO 3684	AND 65 QUALITY 20# DELTA FRAC 140 W/WCSW, 83,000 16/20 CARBOLITE SAND & 1,750,000 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
A			→						GAS PUMPING UNIT
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas:Oil Ratio**	**Well Status**	
			→					GSI	

28a. 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
MAR 05 2004
FARMINGTON FIELD OFFICE

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

ELECTRONIC SUBMISSION #28600 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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 of 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
SAN JOSE	0	1426		NACIMIENTO	1417
NACIMIENTO	1426	2695		OJO ALAMO	2787
OJO ALAMO	2695	2924		KIRTLAND	2917
				FRUITLAND	3367
				FRUITLAND COAL	3705

32. Additional remarks (include plugging procedure):
This will be a single FC producer.

We were not able to run a flow test on this well due to the well being loaded up, but once this problem has been resolved and the well has been first delivered, a production/first delivery notice will be submitted with the pertinent information listed.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic 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):

Electronic Submission #28600 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by ADRIENNE GARCIA on 03/05/2004 (04AXG1987SE)

Name *(please print)* PATSY CLUGSTON Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Date 03/05/2004

Title 18 U.S.C. Section 1001 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 any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

ConocoPhillips

END OF WELL SCHEMATIC

Well Name: San Juan 29-6 # 204A
API #: 30-039-27505
Location: 1870' FSL & 1340' FEL
Sect 7 - T29N - R6W
Rio Arriba County, NM
Elevation: 6804' GL (above MSL)
Drl Rig RKB: 13' above Ground Level
Datum: Drl Rig RKB = 13' above GL

Note - this well is equipped with rods & pump
7-1/16" 5M x 2-3/8" EUE 8rd Bonnet
11" 3M x 7-1/16" 5M Tubing Spool
11" 3M x 11" 3M Casing Spool
9-5/8" 8 RD x 11" 3M Casing Head

Spud: 14-Dec-03
Release Drl Rig: 19-Dec-03
Move In Cav Rig 23-Jan-04
Release Cav Rig 28-Jan-04
Move In Compl Rig 14-Feb-04
Release Compl Rig 18-Feb-04

Surface Casing Date set: 15-Dec-03 [X] New [ ] Used
Size 9 5/8 in
Set at 232 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 232 ft
TD of 12-1/4" hole 242 ft

Notified BLM @ ____ hrs on ____
Notified NMOCD @ 7:45 hrs on 13-Dec-03

SurfaceCement
Date cmt'd: 15-Dec-03
Lead : 150 sx Class G Cement
+ 2% S001 Calcium Chloride
+ 0.25 lb/sx D029 Cellophane Flakes
1.16 cuft/sx, 174 cuft slurry at 15.8 ppg
Displacement: 15.0 bbls fresh wtr
Bumped Plug at: 06:15 hrs w/ 520 psi
Final Circ Press: 100 psi @ 1 bpm
Returns during job: YES
CMT Returns to surface: 11 bbls
Floats Held: No floats used
W.O.C. for 10.5 hrs (plug bump to start NU BOP)
W.O.C. for 14.5 hrs (plug bump to test csg)

Intermediate Casing Date set: 18-Dec-04 [X] New [ ] Used
Size 7 in 84 jts
Set at 3462 ft 1 pups
Wt. 20 ppf Grade J-55
Hole Size 8 3/4 in Conn STC
Excess Cmt 160 % Csg Shoe 3462 ft
T.O.C. SURFACE TD of 8-3/4" Hole 3467 ft
Pup @: 3031 ft

Notified BLM @ 20:10 hrs on 16-Dec-03
Notified NMOCD @ 20:10 hrs on 16-Dec-03

Intermediate Cement
Date cmt'd: 18-Dec-04
Lead : 455 sx Class G Cement
+ 3% D079 Extender
+ 0.25 lb/sx D029 Cellophane Flakes
+ 0.2% D046 Antifoam
2.61cuft/sx, 1187.6 cuft slurry at 11.7 ppg

Tail : 100 sx 50/50 POZ : Class G cement
+ 2% D020 Bentonite
+ 2% S001 Calcium Chloride
+ 5 lb/sx D024 Gilsonite
+ 0.25 lb/sx D029 Cellophane Flakes
+ 0.2% D046 Antifoam
1.27 cuft/sx, 127 cuft slurry at 13.5 ppg
Displacement: 138 bbls
Bumped Plug at: 00:15 hrs w/ 1150 psi
Final Circ Press: 620 psi @ 2 bpm
Returns during job: YES
CMT Returns to surface: 38 bbls
Floats Held: X Yes __ No

Production Casing Date set: 27-Jan-04 [X]
Size 4 1/2 in 89 jts
Set at 3765 ft 1 pups
Wt. 11.6 ppf Grade I-80
Hole Size 6 1/4 in Conn LTC
Excess Cmt 50 %
T.O.C. 3240 ft By cement bond log
Pup @: 3759 ft This is a short float joint

Notified BLM @ ____ hrs on ____
Notified NMOCD @ ____ hrs on ____

Production Cement
Date cmt'd: 27-Jan-04
Lead : 40 sx Schlumberger Litecrete Cmt
+ 0.5% bwob D112 Fluid Loss Additive
+ 0.3% bwob D065 Dispersant
+ 0.03 gal/sx D047 Antifoam
2.52cuft/sx, 98 cuft slurry at 9.51 ppg

Note: This well was topset above the coal with 7" csg per our original plans to cavitate this well. However, we subsequently changed our plans and decided to run and cement 4.5" csg and frac this well.

PBTD: 3758
Csg Shoe: 3765
TD 3,772 ft

COMMENTS:
Surface: No float equipment was run. Ran a guide shoe and an aluminum baffle plate 1 jt above the guide shoe. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt.
Intermediate: Displaced with 30 bbls fresh water + 108 bbls drill water / mud. Total displacement = 138 bbls
Production: Perforated 4-1/2" casing. Ran 2-3/8" Mud Anchor, 2-3/8" OD (1.78" ID) F Nipple, and 2-3/8", 4.7#, J-55 EUE 8rd tubing. F Nipple at 3709', Mud Anchor / EOT at 3740'. Ran pump and rods. Set pump in F Nipple at 3709' MD RKB.

CENTRALIZERS:
Surface: CENTRALIZERS @ 222', 144', 102', & 59'. Total: 4
Intermediate: CENTRALIZERS @ 3452', 3377', 3294', 3211', 3129', 3046', 226', 66', & 28'. Total: 9
TURBOLIZERS @ 2907', 2866', 2825', 2783', & 2742' Total: 5