

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

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 Company

3. Address  
5525 Highway 64 Farmington NM 87401

3.a. Phone No. (include area code)  
(505) 599-3416

4. Location of Well (Report location clearly and in accordance with Federal requirements)  
At Surface SWNW SEC 15 T30N R5W 2235 FNL & 1090 FWL  
At top prod. interval reported below

At total depth SAME AS ABOVE

14. Date Spudded  
10/19/2005

15. Date T.D. Reached  
11/04/2005

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
11/30/2005

18. Total Depth: MD 3256  
TVD 3256

19. Plug Back T.D.: MD 3179  
TVD 3179

20. Depth Bridge Plug Set: MD  
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)  
Mud Logs

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	9.625H-40	32.3	0	233		150		0	15 bbl
8.75	7.0 J-55	20.0	0	3056		590		0	35 bbl
6.25	5.5 Liner	15.5	2951	3180		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	3158							

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Fruitland Coal	3082	3169	3082-3169	.75	172	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
Underreamed 6.25' hole to 9.5" from 3080' to 3256'.	

## 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
11/30/05	11/25/05	1	→	0	428	0			Gas Pumping Unit
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
2" Pitot	n/a	2	→					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 page 2)

5. Lease Serial No.  
SF078994

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.  
NMNM 78419D

8. Lease Name and Well No.

SAN JUAN 30-5 UNIT 239A

9. API Well No.

30-039-29232

10. Field and Pool, or Exploratory  
BASIN FRUITLAND COAL

11. Sec., T., R., M., on Block and Survey or Area E Sec: 15 Twn: 30N

12. County or Parish  
RIO ARRIBA

13. State  
NM

17. Elevations (DF, RKB, RT, GL)\*  
6443 GL

ACCEPTED FOR RECORD

DEC 20 2005

FARMINGTON FIELD OFFICE  
BY *[Signature]*

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.)

Sold

## 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	1283
				Ojo Alamo	2543
				Kirtland	2683
				Fruitland	2933
				Top Coal MD	3082
				B Main Coal MD	3169
				PC Tongue MD	3218

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

This well is a single well producing from the Basin Fruitland Coal. Attached is the Wellbore Schematic and the Daily Summaries.

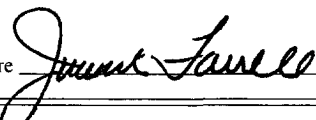
## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)   
 ☐ Geological Report   
 ☐ DST Report   
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification   
☐ Core Analysis   
☐ 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) Juanita FarrellTitle Regulatory Analyst

Signature


Date 12/09/2005

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.

# Regulatory Summary

**ConocoPhillips**

**SAN JUAN 30 5 UNIT #239A**

## INITIAL COMPLETION, 11/1/2005 07:00

API/Bottom UWI	County	State/Province	Surface Legal Location	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
300393275400	San Juan	NEW MEXICO	NMPM-30N-05W-15-E	2,235.00	N	1,090.00	W
Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date			
6,443.00	36° 48' 49.716" N	107° 20' 57.732" W	10/19/2005				

## 11/1/2005 07:00 - 11/1/2005 18:00

### Last 24hr Summary

CLOSET HELI-PAD IS 1/4 MILE EAST OF THIS LOCATION. MOVED RIG FROM THE SAN JUAN 32-8 #243A, APPROXIMATELY 70 MILE MOVE.  
MOVED TO THE SAN JUAN 30-5 #239A  
SECTION 36 - T30N - R5W 2235' FNL & 1090' FWL RIO ARriba COUNTY, NEW MEXICO

## 11/2/2005 07:00 - 11/2/2005 18:00

### Last 24hr Summary

RIG UP, INSPECT DRILL COLLARS, RIG UP BLOOEI LINES AND FLOW LINES.

## 11/3/2005 07:00 - 11/3/2005 18:00

### Last 24hr Summary

TEST BOPS & CASING, PICK UP DC & DP

## 11/4/2005 07:00 - 11/5/2005 06:00

### Last 24hr Summary

DRILL OUT, FLOW AND SHUT IN TEST, UNDER REAM

## 11/5/2005 06:00 - 11/6/2005 06:00

### Last 24hr Summary

FLOW TEST, SHUT IN TEST, SURGE.

## 11/6/2005 06:00 - 11/7/2005 06:00

### Last 24hr Summary

SURGE, TRIP IN HOLE CHECK FOR FILL.

## 11/7/2005 06:00 - 11/8/2005 06:00

### Last 24hr Summary

SURGE, R&R CLEAN OUT.

## 11/8/2005 06:00 - 11/9/2005 06:00

### Last 24hr Summary

R&R CLEAN OUT.

## 11/9/2005 06:00 - 11/10/2005 06:00

### Last 24hr Summary

R&R CLEAN OUT, SURGE.

## 11/10/2005 06:00 - 11/11/2005 06:00

### Last 24hr Summary

R&R CLEAN OUT.

## 11/11/2005 06:00 - 11/12/2005 06:00

### Last 24hr Summary

R&R CLEAN OUT.

## 11/12/2005 06:00 - 11/13/2005 06:00

### Last 24hr Summary

R&R CLEAN OUT, SURGE

## 11/13/2005 06:00 - 11/14/2005 06:00

### Last 24hr Summary

R&R CLEAN OUT.

## 11/14/2005 06:00 - 11/15/2005 06:00

### Last 24hr Summary

R&R CLEAN OUT.

## 11/15/2005 06:00 - 11/16/2005 06:00

### Last 24hr Summary

R&R CLEAN OUT, CHANGE OUT AIR COMPRESSOR

## 11/16/2005 06:00 - 11/17/2005 06:00

### Last 24hr Summary

R&R CLEAN OUT

## 11/17/2005 06:00 - 11/18/2005 06:00

### Last 24hr Summary

R&R CLEAN OUT, CHANGE OIL IN ALL EQUIPMENT.

## 11/18/2005 06:00 - 11/19/2005 06:00

### Last 24hr Summary

R&R CLEAN OUT

## 11/19/2005 06:00 - 11/20/2005 06:00

### Last 24hr Summary

R&R CLEAN OUT

## 11/20/2005 06:00 - 11/21/2005 06:00

### Last 24hr Summary

R&R CLEAN OUT



# Regulatory Summary

## SAN JUAN 30 5 UNIT #239A

11/21/2005 06:00 - 11/22/2005 06:00

Last 24hr Summary

R&R CLEAN OUT, FLOW TEST, SHUT IN TEST, NATURAL SURGE.

11/22/2005 06:00 - 11/23/2005 06:00

Last 24hr Summary

R&R CLEAN OUT.

11/23/2005 06:00 - 11/24/2005 06:00

Last 24hr Summary

R&R CLEAN OUT.

11/24/2005 06:00 - 11/25/2005 06:00

Last 24hr Summary

R&R CLEAN OUT.

11/25/2005 06:00 - 11/26/2005 06:00

Last 24hr Summary

R&R CLEAN OUT, FLOW TEST.

11/26/2005 06:00 - 11/27/2005 06:00

Last 24hr Summary

R&R CLEAN OUT @ 3170' TO 3256'

11/27/2005 06:00 - 11/28/2005 06:00

Last 24hr Summary

CIRC & COND TO RUN LINER

11/28/2005 06:00 - 11/28/2005 19:00

Last 24hr Summary

RUN LINER, TOH, TIH.

11/29/2005 07:00 - 11/29/2005 19:00

Last 24hr Summary

LAY DOWN DRILL PIPE AND DRILL COLLARS, PERFORATE, RUN TUBING..

11/30/2005 07:00 - 11/30/2005 19:00

Last 24hr Summary

RUN AND LAND RODS, RIG DOWN

**END OF WELL SCHEMATIC****Well Name:** San Juan 30-5 #239A**API #:** 30-039-29232**Location:** 2235' FNL & 1090' FWL

Sec. 15 - T30N - R5W

Rio Arriba County, NM

**Elevation:** 6443' GL (above MSL)**Drl Rig RKB:** 13' above Ground Level**Datum:** Drl Rig RKB = 13' above GL

Note - this well is equipped with rods &amp; pump

7-1/16" 3M x 2-3/8" EUE 8rd Bonnet

11" 3M x 7-1/16" 3M Tubing Head

9-5/8" 8 RD x 11" 3M Casing Head

**Patterson Rig:** #749**Spud:** 19-Oct-05**Spud Time:** 17:30**Release Drl Rig:** 24-Oct-05**Time Release Rig:** 8:00**Move In Cav Rig:** 1-Nov-05**Release Cav Rig:** 30-Nov-05**Surface Casing**

Date set: 19-Oct-05

Size 9 5/8 in

Set at 233 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 233 ft

TD of 12-1/4" hole 245 ft

Notified BLM @ 12:00 hrs on 17-Oct-05

Notified NMOCD @ 12:00 hrs on 17-Oct-05

**Intermediate Casing**

Date set: 23-Oct-05

Size 7 in 74 jts

Set at 3056 ft 0 pups

Wt. 20 ppf Grade J-55

Hole Size 8 3/4 in Conn STC

Excess Cmt 160 % Top of Float Collar 3012 ft

T.O.C. SURFACE Bottom of Casing Shoe 3056 ft

Pup @ 0 ft TD of 8-3/4" Hole 3060 ft

Pup @ 0 ft

Notified BLM @ 18:55 hrs on 22-Oct-05

Notified NMOCD @ 19:00 hrs on 22-Oct-05

**Production Liner**

Date set: 28-Nov-05

Size 5 1/2 in

Nominal Wt. 15.5 ppf

Grade J-55

# Jnts: 5

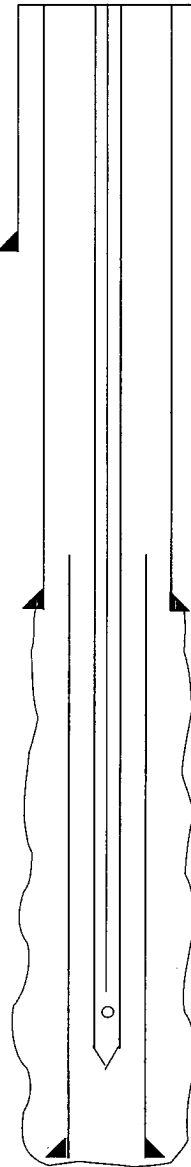
Hole Size 6.25 / 9.5 inches

Underreamed 6-1/4" hole to 9.5" from 3060' to 3256'

Top of Liner 2951 ft

PBDT 3179 ft

Bottom of Liner 3180 ft

☒ New  
☐ Used☒ New  
☐ Used☒ New  
☐ Used

TD 3,256 ft

**Surface Cement**

Date cmt'd: 20-Oct-05

Lead: 150 sx Type III Cement

+ 2% S001 Calcium Chloride

+ 0.25 lb/sx D029 Cellophane Flakes

1.33 cuft/sx, 199.5 cuft slurry at 14.8 ppg

Displacement: 15.3 bbls fresh wtr

Bumped Plug at: 06:46 hrs w/ 700 psi

Final Circ Press:

Returns during job: YES

CMT Returns to surface: 15 bbls

Floats Held: No floats used

W.O.C. for 6.00 hrs (plug bump to start NU BOP)

W.O.C. for 12.00 hrs (plug bump to test csg)

**Intermediate Cement**

Date cmt'd: 23-Oct-05

Lead: 490 sx 75% TXI/25% Class G Cmt

+ 3% D079 Extender

+ 0.25 lb/sx D029 Cellophane Flakes

+ 0.20% D046 Antifoam

0

2.10 cuft/sx, 1029.0 cuft slurry at 11.7 ppg

Tail: 100 sx 50/50 POZ: Standard cement

+ 2% D020 Bentonite

+ 2% S001 Calcium Chloride

+ 5 lb/sx D024 Gilsonite

+ 0.25 lb/sx D029 Cellophane Flakes

+ 0.10% D046 Antifoam

1.27 cuft/sx, 127 cuft slurry at 13.5 ppg

Displacement: 122 bbls

Bumped Plug at: 21:51 hrs w/ 1200 psi

Final Circ Press: 700 psi @ 2.0 bpm

Returns during job: YES

CMT Returns to surface: 35 bbls

Floats Held: ☒ Yes ☐ No**UNCEMENTED LINER**

Schematic prepared by:

Michael Neuschafer, Drilling Engineer

13-December-2005

**COMMENTS:**

9-5/8" Surf:	No float equipment was run. Ran a guide shoe and an aluminum baffle plate 1 jt above the guide shoe @ 189'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 223', 145', 102' & 59'. Total: 4
7" Intermediate	DISPLACED W/ 122.0 BBLS FRESH WATER CENTRALIZERS @ 3046', 2971', 2888', 2806', 2641', 203', 78' & 37'. TURBOLIZERS @ 2724', 2682', 2599' & 2558'. Total: 8 Total: 4
5.5" Liner	Ran 6 1/16" bladed shoe with float valve on bottom of liner. Ran and set the liner w/ TIW H-Latch Drop Off Tool (no liner hanger). Tagged up high and could not move liner up or down. Set liner at 3180'.
Perforations	Perforated 5-1/2" liner with guns on E-line at 4 spf, 0.75" diameter, 120 degree phased holes Perf. Intervals: 3158'-3169', 3135'-3155', 3114'-3116', 3110'-3112', 3082'-3090': Total 172 holes
Tubing	2-3/8" Box w/ 4 ea 8" slots w/ 2 3/8" bull plug on bottom, w/ 2 3/8" x 0.5" collar, 2 3/8" x 32.9' mud anchor. 2-3/8" OD (1.78" ID) F-Nipple, and 104 jts 2-3/8" 4.7# J-55 EUE 8rd tubing. Bottom of Mud Anchor at 3158'. Top of F-Nipple at 3124' MD RKB.
Pump & Rods	2 3/8" x 1 1/4" Rod Ratagan, 2 3/8" pumping Tee w/ 2" and 1" outlets w/ nipple & ball valves. 2" x 1-1/4" x 12' RHAC-ZDV insert pump, 3 each 1 1/4" x 25' sinker bars, 121 each 3/4" rods, spaced out with 1 ea 2' x 3/4" OD pony rods & 1 ea 1-1/4" OD x 22' polished rod. Set pump in F-Nipple at 3124' MD RKB