

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

5. Lease Serial No.  
SF079380

6. If Indian, Allottee or Tribe Name  
3 40

7. Unit or CA Agreement Name and no.  
NMNM78424B

8. Lease Name and Well No.  
SAN JUAN 32-8 UNIT 267A

9. API Well No.  
30-045-32886

10. Field and Pool, or Exploratory  
BASIN FRUITLAND COAL

11. Sec., T., R., M., on Block and Survey or Area I Sec: 23 Twn: 32N

12. County or Parish SAN JUAN 13. State NEW MEXICO

2. Name of Operator  
ConocoPhillips Company

3. Address 5525 Highway 64 Farmington NM 87401 3.a Phone No. (Include area code) (505)599-3419

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At Surface 1597 FSL & 663 FEL NESE SEC 23 T32N R8W  
At top prod. interval reported below  
At total depth SAME AS SURFACE

14. Date Spudded 08/11/2005 15. Date T.D. Reached 08/24/2005 16. Date Completed  D & A  Ready to Prod. 09/10/2005

17. Elevations (DF, RKB, RT, GL)\*  
6750 GL

18. Total Depth: MD 3652 TVD 3652 19. Plug Back T.D.: MD 3648 TVD 3648 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	230		150		0	7 bbl
8.75	7.0 J-55	20.0	0	3225		525		0	27 bbl
6.25	5.5 Liner	15.5	3179	3649		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	3607							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Fruitland Coal	3412	3560	3412-3560	.75	168	Open
B)						
C)						
D)						

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

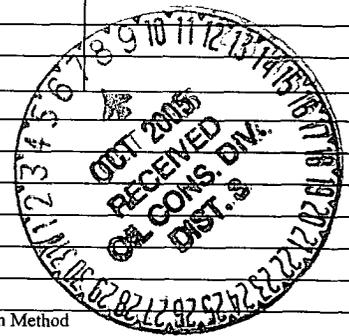
Depth Interval	Amount and Type of Material
	Underreamed 6.25" hole to 9.5" from 3229' to 3652'.

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
09/10/05	09/09/05	1	→	0	2305	1 bbl			Gas Pumping Unit
Choice Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
2" Pitot	SI n/a	55 psi	→					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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	SI		→						



ACCEPTED FOR RECORD  
OCT 05 2005  
FARMINGTON FIELD OFFICE  
BY *db*

NMOC

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	938
				Ojo Alamo	2488
				Kirtland	3039
				Fruitland	3193
				Top Coal	3284
				B Main Coal	3432
				B Lowest Coal	3616
				PCCF	3638

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. 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) Juanita Farrell Title Regulatory Analyst

Signature *Juanita Farrell* Date 09/23/2005

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.

Well Name: San Juan 32-8 #267A  
 API #: 30-045-32886  
 Location: 1597' FSL & 663' FEL  
Sec. 23 - T32N - R8W  
San Juan County, NM  
 Elevation: 6750' GL (above MSL)  
 Drl Rig RKB: 13' above Ground Level  
 Datum: Drl Rig RKB = 13' above GL

Patterson Rig: #747  
 Spud: 10-Aug-05  
 Spud Time: 19:30  
 Release Drl Rig: 15-Aug-05  
 Time Release Rig: 0:00  
 Move In Cav Rig: 21-Aug-05  
 Release Cav Rig: 10-Sep-05

Note - this well is equipped with rods & 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

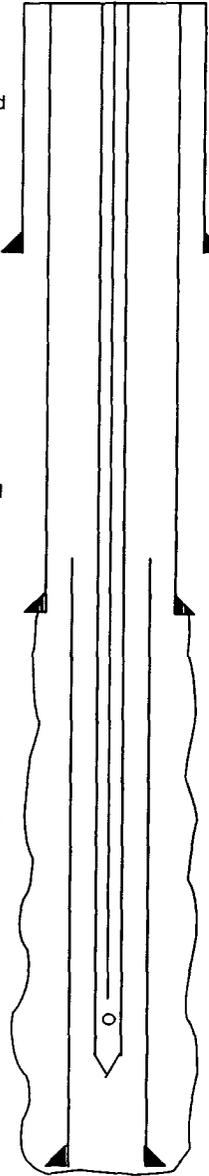
**Surface Casing** Date set: 12-Aug-05  
 Size 9 5/8 in  New  
 Set at 230 ft  Used # Jnts: 5  
 Wt. 32.3 ppf Grade H-40  
 Hole Size 12 1/4 in Conn STC  
 Excess Cmt 125 %  
 T.O.C. SURFACE Csg Shoe 230 ft  
 TD of 12-1/4" hole 240 ft

Notified BLM @ 19:30 hrs on 10-Aug-05  
 Notified NMOCD @ 19:30 hrs on 10-Aug-05

**Intermediate Casing** Date set: 14-Aug-05  
 Size 7 in  New  
 Set at 3225 ft  Used # Jnts: 0  
 Wt. 20 ppf Grade J-55  
 Hole Size 8 3/4 in Conn STC  
 Excess Cmt 160 % Top of Float Collar 3180 ft  
 T.O.C. SURFACE Bottom of Casing Shoe 3225 ft  
 Pup @ 0 ft TD of 8-3/4" Hole 3230 ft  
 Pup @ 0 ft

Notified BLM @ 17:50 hrs on 13-Aug-05  
 Notified NMOCD @ 17:50 hrs on 13-Aug-05

**Production Liner** Date set: 8-Sep-05  
 Size 5 1/2 in  New  
 Nominal Wt. 15.5 ppf  Used  
 Grade J-55 Connections: LTC  
 # Jnts: 11  
 Hole Size 6.25 / 9.5 inches  
 Underreamed 6-1/4" hole to 9.5" from 3229' to 3652'  
 Top of Liner 3179 ft  
 PBTD 3648 ft  
 Bottom of Liner 3649 ft



TD 3,652 ft

**Surface Cement**

Date cmt'd: 12-Aug-05  
 Lead : 150 sx Class G Cement  
 + 3% S001 Calcium Chloride  
 + 0.25 lb/sx D029 Cellophane Flakes  
1.16 cuft/sx, 174.0 cuft slurry at 15.8 ppg  
 Displacement: 15.0 bbls fresh wtr  
 Bumped Plug at: 04:00 hrs w/ 339 psi  
 Final Circ Press: 64 psi @ 0.5 bpm  
 Returns during job: YES  
 CMT Returns to surface: 7  
 Floats Held: No floats used  
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)  
 W.O.C. for 10.00 hrs (plug bump to test csg)

**Intermediate Cement**

Date cmt'd: 14-Aug-05  
 Lead : 425 sx Standard Class G Cement  
 + 3% D079 Extender  
 + 0.25 lb/sx D029 Cellophane Flakes  
 + 0.2% D046 Antifoam  
0  
2.61cuft/sx, 1109.3 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  
 + 0.2% D046 Antifoam  
1.27 cuft/sx, 127 cuft slurry at 13.5 ppg  
 Displacement: 130.5  
 Bumped Plug at: Did not bump plug  
 Final Circ Press: 800 psi @ 2 bpm  
 Returns during job: YES  
 CMT Returns to surface: 27  
 Floats Held:  Yes  No

**UNCEMENTED LINER**

Schematic prepared by:  
 Aaron Fuhr, Development Engineer  
 19-Sept-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', 146', 102' & 59'. Total: 4
7" Intermediate	DISPLACED W/ 130.5 BBLs. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER CENTRALIZERS @ 3215', 3137', 3051', 2965', 2879', 2793', 201', 81' & 38'. TURBOLIZERS @ 2620', 2576', 2534' & 2490'. Total: 9
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). Total: 4
Perforations	Perforated 5-1/2" liner with guns on E-line at 4 spf, 0.75" diameter, 120 degree phased holes Perf. Intervals: 3412'-3432', 3484'-3490', 3322'-3324', 3284'-3290', 3272'-3274', 3554'-3560' : Total 168 holes
Tubing	1 1/2" notched collar, 1 1/2" profile nipple, 1 1/2" x 2" swedge mud anchor, 2-3/8" XO, and 2 3/8" 8RD EUE box 32.88' long with 1/2" hole below collar, 2-3/8" OD (1.78" ID) F-Nipple with blanking plug, and 113 jts 2-3/8" 4.7# J-55 EUE 8rd tubing. Bottom of Mud Anchor at 3607'. Top of F-Nipple at 3572' MD RKB.
Pump & Rods	12" strainer below 2" x 1-1/2" x 12' RWAC-ZDV insert pump, 4 each 1 1/4" x 25' sinker bars, 138 each 3/4" rods, spaced out with 1 ea 6' x 3/4" OD pony rods & 1 ea 1-1/4" OD x 22' polished rod with 2' pony rod on top. Set pump in F-Nipple at 3572' MD RKB

## Regulatory Summary



### SAN JUAN 32 8 UNIT #267A

**INITIAL COMPLETION, 8/21/2005 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
300453288600	San Juan	NEW MEXICO	NMPM-32N-08W-23-I	1,597.00	S	663.00	E
Ground Elevation (ft) 6,750.00		Latitude (DMS) 36° 57' 57.9996" N		Longitude (DMS) 107° 38' 16.0008" E		Spud Date 8/11/2005	
						Rig Release Date 8/15/2005	

**8/21/2005 07:00 - 8/21/2005 07:00**

**Last 24hr Summary**

CLOSET HELI-PAD IS 1/2 MILE EAST OF THIS LOCATION.  
 MOVED RIG FROM THE SAN JUAN 32-7 #228A, APPROXIMATELY 50 MILE MOVE.  
 MOVED TO THE SAN JUAN 32-8 #267A  
 SECTION 23 - T32N - R8W  
 1597' FSL & 663' FEL  
 SAN JUAN COUNTY, NEW MEXICO

**8/22/2005 07:00 - 8/22/2005 19:00**

**Last 24hr Summary**

RIG UP, INSPECT BOPS AND DRILL COLLARS, NIPPLE UP BOPS,

**8/23/2005 07:00 - 8/23/2005 17:00**

**Last 24hr Summary**

RIG INSPECTION, PRESSURE TEST BOPS, PICK UP BHA AND DRILL PIPE.

**8/24/2005 07:00 - 8/25/2005 06:00**

**Last 24hr Summary**

DRILL OUT, FLOW AND SHUT IN TEST, UNDER REAM

**8/25/2005 06:00 - 8/26/2005 06:00**

**Last 24hr Summary**

UNDER REAM, FLOW TEST, SHUT IN TEST, PADDED SURGES.

**8/26/2005 06:00 - 8/27/2005 06:00**

**Last 24hr Summary**

SURGE, R&R CLEAN OUT.

**8/27/2005 06:00 - 8/28/2005 06:00**

**Last 24hr Summary**

R&R CLEAN OUT.

**8/28/2005 06:00 - 8/29/2005 06:00**

**Last 24hr Summary**

R&R CLEAN OUT.

**8/29/2005 06:00 - 8/30/2005 06:00**

**Last 24hr Summary**

SURGE, R&R CLEAN OUT

**8/30/2005 06:00 - 8/31/2005 06:00**

**Last 24hr Summary**

R&R CLEAN OUT.

**8/31/2005 06:00 - 9/1/2005 06:00**

**Last 24hr Summary**

R&R CLEAN OUT.

**9/1/2005 06:00 - 9/2/2005 06:00**

**Last 24hr Summary**

R&R CLEAN OUT.

**9/2/2005 06:00 - 9/3/2005 06:00**

**Last 24hr Summary**

R&R CLEAN OUT.

**9/3/2005 06:00 - 9/4/2005 06:00**

**Last 24hr Summary**

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

**9/4/2005 06:00 - 9/5/2005 06:00**

**Last 24hr Summary**

R&R CLEAN OUT.

**9/5/2005 06:00 - 9/6/2005 06:00**

**Last 24hr Summary**

R&R CLEAN OUT.

**9/6/2005 06:00 - 9/7/2005 06:00**

**Last 24hr Summary**

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

**9/7/2005 06:00 - 9/8/2005 06:00**

**Last 24hr Summary**

R&R CLEAN OUT, SHORT TRIP, CIRC & COND. TRIP OUT OF HOLE.

**9/8/2005 06:00 - 9/9/2005 20:30**

**Last 24hr Summary**

RUN LINER, LDDP & DC

Regulatory Summary



SAN JUAN 32 8-UNIT #267A

9/9/2005 07:00 - 9/10/2005 20:30

Last 24hr Summary

PERFORATE, RUN AND LAND TUBING.  
NIPPLE DOWN BOPS, NIPPLE UP WELL HEAD.

9/10/2005 07:00 - 9/10/2005 17:00

Last 24hr Summary

RUN AND LAND RODS, RIG DOWN