

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

1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Other: CBM		5. Lease Serial No. NMSF078998	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator CONOCOPHILLIPS COMPANY		7. Unit or CA Agreement Name and No. NMMN78423A	
3. Address PO BOX 2197 WL3 6054 HOUSTON, TX 77252		8. Lease Name and Well No. SAN JUAN 32-7 UNIT 230A	
3a. Phone No. (include area code) Ph: 505.599.3419		9. API Well No. 30-045-31883-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements) Sec 17 T31N R7W Mer NMP At surface SWSE 885FSL 1695FEL At top prod interval reported below At total depth		10. Field and Pool, or Exploratory BASIN FRUITLAND COAL	
14. Date Spudded 06/28/2004		15. Date T.D. Reached 07/16/2004	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/19/2004		17. Elevations (DF, KB, RT, GL)* 6492 GL	
18. Total Depth: MD 3265 TVD		19. Plug Back T.D.: MD 3265 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUDLOG	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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	243		150		0	
8.750	7.000 J-55	20.0	0	3030		505		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	3020							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	3035	3265				
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material

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
07/19/2004	07/17/2004	1	→	0.0	434.0	0.0			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	
2" PITOT	SI	2.0	→	0	10416	0		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	
	SI		→						

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

ELECTRONIC SUBMISSION #35684 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

NMOCD

ACCEPTED FOR RECORD

SEP 14 2004

FARMINGTON FIELD OFFICE

BY

## 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 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	777		NACIMIENTO	805
NACIMIENTO	777	2273		OJO ALAMO	1960
OJO ALAMO	2273	2411		KIRTLAND	2060
				FRUITLAND	2695
				PICTURED CLIFFS	3195

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

This well was not cavitated. We drilled out below 7" casing with a 6.2" bit. Underreamed the 6.25" hole to 9.5" from 3035' to 3265'. The plan is to come back to this well and case and frac it.

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. 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 #35684 Verified by the BLM Well Information System.  
For CONOCOPHILLIPS COMPANY, sent to the Farmington  
Committed to AFMSS for processing by ADRIENNE BRUMLEY on 09/14/2004 (04AXB3378SE)**

Name (please print) JUANITA FARRELLTitle AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission)

Date 09/08/2004

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 fraudulent 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 32-7 # 230A  
 API #: 30-045-31883  
 Location: 885' FSL & 1695' FEL  
Sec. 17 - T31N - R7W  
San Juan County, NM  
 Elevation: 6492' GL (above MSL)  
 Drl Rig RKB: 13' above Ground Level  
 Datum: Drl Rig RKB = 13' above GL

Spud: 28-Jun-2004Release Drl Rig: 1-Jul-2004Move In Cav Rig: 12-Jul-2004Release Cav Rig: 19-Jul-2004

**Surface Casing** Date set: 29-Jun-04  
 Size 9 5/8 in  
 Set at 243 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 243 ft  
 TD of 12-1/4" hole 243 ft

Notified BLM @ 06:30 hrs on 27-Jun-04  
 Notified NMOCD @ 06:30 hrs on 27-Jun-04

**Intermediate Casing** Date set: 1-Jul-04  
 Size 7 in 70 jts  
 Set at 3030 ft 0 pups  
 Wt. 20 ppf Grade J-55  
 Hole Size 8 3/4 in Conn STC  
 Excess Cmt 160 % Top of Float Collar 2985  
 T.O.C. SURFACE Bottom of Casing Shoe 3030  
 Pup @        ft TD of 8-3/4" Hole 3035  
 Pup @        ft  
 Notified BLM @ 08:05 hrs on 30-Jun-04  
 Notified NMOCD @ 08:05 hrs on 30-Jun-04

☒ New  
☐ Used

☒ New  
☐ Used

F

TD 3,265 ft

Trash Cap  
 7-1/16" 3M x 2-1/16" 5M Adapter Flange  
 11" 3M x 7 1/16" 3M Tubing Head  
 9-5/8" 8 RD x 11" 3M Casing Head

**Surface Cement**

Date cmt'd: 29-Jun-04  
 Lead : 150 sx Class G Cement  
+ 2% BWOC 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: 15:15 hrs w/ 310 psi  
 Final Circ Press: 150 psi @ 2 bpm  
 Returns during job: YES  
 CMT Returns to surface: 12 bbls  
 Floats Held: No floats used  
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)  
 W.O.C. for 9.00 hrs (plug bump to test csg)

**Intermediate Cement**

Date cmt'd: 1-Jul-04  
 Lead : 405 sx Class G Cement  
+ 3% D079 Extender  
+ 0.25 lb/sx D029 Cellophane Flakes  
+ 0.2% D046 Antifoam  
2.61 cuft/sx, 1057.0 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 Gilonite  
+ 0.25 lb/sx D029 Cellophane Flakes  
+ 0.2% D046 Antifoam  
1.27 cuft/sx, 127 cuft slurry at 13.5 ppg  
 Displacement: 121 bbls  
 Bumped Plug at: 06:35 hrs w/ 1250 psi  
 Final Circ Press: 860 psi @ 2 bpm  
 Returns during job: YES  
 CMT Returns to surface: 40 bbls  
 Floats Held: X Yes    No

This well was not cavitated

We drilled out below the 7" casing with a 6.25" bit

Underreamed the 6.25" hole to 9.5" from 3035' to 3265'

We changed our minds and decided to case and frac this well.

Ran 2-3/8" tubing with an expendable check to 7" shoe.

We did not blow the expendable check.

We did not set a liner.

The plan is to come back to this well and case and frac it.

This well is not yet completed.

Schematic prepared by:  
 Steven O. Moore, Drilling Engineer  
 7-Aug-2004

**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 @ 203'. 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/20 BBLs. FRESH WATER & 101 BBLs. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER CENTRALIZERS @ 3020', 2942', 2855', 2769', 2683', 2597', 212', 82' & 39'. TURBOLIZERS @ 2069', 2026', & 1983' Total: 9 Total: 3
Tubing	Ran 2-3/8" OD EUE 8rd Expendable Check on bottom of tubing string Ran 96 jts 2-7/8" 6.5 # J-55 EUE 8rd EOT / bottom of Expendable Check at 3020'.

# CONOCOPHILLIPS CO

## Operations Summary Report

Page 1 of 2

Legal Well Name: SAN JUAN 32-7 UNIT 230A  
 Common Well Name: SAN JUAN 32-7 UNIT 230A  
 Event Name: COMPLETION  
 Contractor Name:  
 Rig Name:

Start: 7/12/2004  
 Rig Release:  
 Rig Number:  
 Spud Date: 6/28/2004  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/13/2004	07:00 - 07:30	0.50	MOVE	SFTY	DEMOB	SAFETY MEETING
	07:30 - 09:00	1.50	MOVE	MOB	DEMOB	LOAD EQUIPMENT,
	09:00 - 12:00	3.00	MOVE	MOB	DEMOB	MOVE RIG TO NEW LOCATION.
	12:00 - 15:00	3.00	MOVE	RURD	MIRU	SPOT IN EQUIPMENT & RIG.
	15:00 - 19:00	4.00	MOVE	RURD	MIRU	RIG UP RIG & EQUIPMENT.
7/14/2004	07:00 - 07:30	0.50	TREBOP	SFTY	MIRU	SAFETY MEETING, START RIG.
	07:30 - 19:00	11.50	TREBOP	RURD	MIRU	RIG UP EQUIPMENT, NIPPLE UP BOP STACK, RIG UP BLOOEI LINES, FINISH RIGGING UP.
7/15/2004	07:00 - 07:30	0.50	WELLPR	SFTY	COMPZN	SAFETY MEETING.
	07:30 - 09:00	1.50	TREBOP	PRTS	COMPZN	LOAD HOLE, RIG UP EQUIPMENT TO PRESSURE TEST.
	09:00 - 09:30	0.50	WELLPR	PRTS	COMPZN	PRESSURE TEST CASING & BLINDS, 300 PSI FOR 3 MINUTES, 1800 PSI FOR 30 MINUTES.
	09:30 - 12:30	3.00	RPEQPT	PULD	COMPZN	TALLY DP & DCS, PICK UP RUN IN HOLE WITH 6 1/4" BIT ON BOTTOM TO 2900'
	12:30 - 13:30	1.00	TREBOP	PRTS	COMPZN	PRESS TEST PIPE RAMS AS PER COPC REQUIREMENTS, HELD.
	13:30 - 15:00	1.50	RPEQPT	PULD	COMPZN	TAG CMT AT 2965', RIG UP SWIVEL. UNLOAD HOLE WITH 1600 CFM AIR/MIST.
	15:00 - 17:00	2.00	DRILL	CIRC	COMPZN	DRILL OUT CMT, DRILL FLOAT COLLAR, CLEAN OUT TO 3020' CIRCULATE HOLE CLEAN, SHUT DOWN, SECURE WELL.
7/16/2004	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	SAFETY MEETING.
	07:30 - 09:00	1.50	DRILL	DRLG	COMPZN	RIG UP MUD LOGGERS.
	09:00 - 10:00	1.00	DRILL	DRLG	COMPZN	DRILL OUT CMT & SHOE.
	10:00 - 17:00	7.00	DRILL	DRLG	COMPZN	DRILL OPEN HOLE WITH 800 CFM AIR/MIST, 6 BPH WATER, 1GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLs. PRESSURE 250 PSI. COAL INTERVALS AS FOLLOWS. 3079'-3087'=8', 3088'-3090'=2', 3092'-3097'=5', 3133'-3136'=3', 3140'-3149'=9', 3154'-3155'=1', 3167'-3179'=12', 3220'-3222'=2', 3224'-3225'=1'.
	17:00 - 18:30	1.50	DRILL	CIRC	COMPZN	TD 3265', CIRCULATE HOLE CLEAN
	18:30 - 19:30	1.00	DRILL	CIRC	COMPZN	CUT WATER DRY UP HOLE, NO NOTICABLE WATER ENTRY HOLE DRYED UP WITH IN 1 HR AFTER WATER WAS SHUT OFF CREW CHANGE, SAFETY MEETING,
	19:30 - 20:00	0.50	RPEQPT	PULD	COMPZN	PULL BIT INTO 7" FOR FLOW TEST.
	20:00 - 21:00	1.00	FLOWT	PRDT	COMPZN	FLOW TEST, 15/MIN-2 PSI=434 MCF, 30/MIN-2 PSI=434 MCF, 45/MIN-2 PSI=434 MCF, 60/MIN-2 PSI=434 MCF. TEST WAS DRY, NO INDICATION OF WATER.
	21:00 - 23:00	2.00	EVALFM	SIPB	COMPZN	SHUT IN FOR PRESSURE BUILD UP ISIP=9 PSI, 15/MIN=80 PSI, 30/MIN=150 PSI, 45/MIN=225 PSI, 60/MIN=260 PSI, 75/MIN=295 PSI, 90/MIN=320 PSI, 105/MIN=350 PSI, 120/MIN=370 PSI.
	23:00 - 00:00	1.00	RPEQPT	OWFF	COMPZN	SURGE OFF PRESSURE FROM BUILD UP.
7/17/2004	00:00 - 01:00	1.00	RPEQPT	TRIP	COMPZN	RIG DOWN SWIVEL.
	01:00 - 05:00	4.00	RPEQPT	TRIP	COMPZN	POOH, BRAKE OFF BIT,
	05:00 - 06:00	1.00	RPEQPT	TRIP	COMPZN	CHANGE OVER TO RUN UNDER REAMER.
	06:00 - 07:00	1.00	SURFEQ	Woeq	COMPZN	WAIT ON UNDER REAMER.
	07:00 - 07:30	0.50	RPEQPT	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
	07:30 - 08:30	1.00	RPEQPT	PULD	COMPZN	MAKE UP UNDER REAMER & SHOCK SUB ON FIRST DC.
	08:30 - 11:00	2.50	RPEQPT	PULD	COMPZN	TIH WITH UNDER REAMER TO SHOE AT 3030', OPEN REAMER AT 3035'
	11:00 - 17:00	6.00	DRILL	DRLG	COMPZN	UNDER REAM OPEN HOLE FROM 3035' -3265', CIRCULATE HOLE WITH 1600 CFM AIR/MIST, 8 BPH WATER, 1GAL F-450 FOAMER, 1/4 GAL INHIBITOR PER 10 BBLs. CIRCULATING PRESSURE 400 PSI.
	17:00 - 18:30	1.50	DRILL	CIRC	COMPZN	CIRCULATE HOLE CLEAN,
	18:30 - 19:30	1.00	DRILL	CIRC	COMPZN	CREW CHANGE, SAFETY MEETING, CUT WATER OFF, DRY UP HOLE, HOLE DRYED UP ,NO INDICATION OF WELL MAKING

**CONOCOPHILLIPS CO**  
**Operations Summary Report**

Page 2 of 2

Legal Well Name: SAN JUAN 32-7 UNIT 230A  
Common Well Name: SAN JUAN 32-7 UNIT 230A  
Event Name: COMPLETION  
Contractor Name:  
Rig Name:

Start: 7/12/2004  
Rig Release:  
Rig Number:  
Spud Date: 6/28/2004  
End:  
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/17/2004	18:30 - 19:30	1.00	DRILL	CIRC	COMPZN	WATER.
	19:30 - 20:00	0.50	RPEQPT	PULD	COMPZN	PULL BIT INTO 7" FOR FLOW TEST.
	20:00 - 21:00	1.00	FLOWT	PRDT	COMPZN	FLOW TEST, 15/MIN-2 PSI=434 MCF, 30/MIN-2 PSI=434 MCF, 45/MIN-2 PSI=434 MCF, 60/MIN-2 PSI=434 MCF,
	21:00 - 23:00	2.00	EVALFM	SIPB	COMPZN	SHUT IN FOR BUILD UP. ISIP=8 PSI, 15/MIN=60 PSI, 30/MIN=160 PSI, 45/MIN=210 PSI, 60/MIN=235 PSI, 75/MIN=250 PSI, 90/MIN=280 PSI, 105/MIN=300 PSI, 120/MIN=330 PSI.
	23:00 - 03:30	4.50	RPEQPT	PULD	COMPZN	BLEED OFF PRESSURE, POOH LAYING DOWN DP & DSC, LAY DOWN UNDER REAMER.
7/18/2004	03:30 - 06:00	2.50	SURFEQ	OTHR	COMPZN	CHSNGE OVER FOR 2 3/8" TBG, TEST BOPS AS PER COPC REQUIRMENTS.
	06:00 - 07:00	1.00	WELLPR	WOSP	COMPZN	WAITING ON TBG TO BE DELIVERED.
	07:00 - 07:30	0.50	WELLPR	SIPB	COMPZN	CREW CHANGE, SAFETY MEETING.
	07:30 - 09:30	2.00	WELLPR	WOSP	COMPZN	WAITING ON TBG TO BE DELIVERED.
	09:30 - 11:00	1.50	SURFEQ	PULD	COMPZN	UNLOAD 2 3/8" TBG ON PIPE RACKS. TALLY TBG
	11:00 - 14:00	3.00	RPCOMP	PULD	COMPZN	PICK UP TBG, RUN IN HOLE WITH EXP CHECK ON BOTTOM.
	14:00 - 16:00	2.00	TREBOP	NUND	COMPZN	LAND 2 3/8" TBG AT 3020', NIPPLE DOWN BOPS, NIPPLE UP WELL HEAD.
7/19/2004	16:00 - 19:00	3.00	TREBOP	RURD	COMPZN	RIGGING DOWN EQUIPMENT.
	07:00 - 07:30	0.50	SURFEQ	SFTY	DEMOB	SAFETY MEETING,
	07:30 - 17:00	9.50	SURFEQ	RURD	DEMOB	RIG DOWN EQUIPMENT, RIG DOWN RIG, READY TO MOVE.
	-		SURFEQ			