

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.  
NMSF078542

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
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 _____		7. Unit or CA Agreement Name and No. NMNM78423A	
2. Name of Operator CONOCOPHILLIPS COMPANY		8. Lease Name and Well No. SJ 32-7 209A	
3. Address 5525 HIGHWAY 64 FARMINGTON, NM 87401		9. API Well No. 30-045-31433-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 35 T32N R7W Mer NMP At surface NESE 1405FSL 970FEL 36.93361 N Lat, 107.53000 W Lon At top prod interval reported below At total depth		10. Field and Pool, or Exploratory BASIN FRUITLAND COAL	
14. Date Spudded 04/17/2003		15. Date T.D. Reached 04/21/2003	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/07/2003		17. Elevations (DF, KB, RT, GL)* 6720 GL	
18. Total Depth: MD 3811 TVD		19. Plug Back T.D.: MD 3759 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR CCL GSL	
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 H-40	32.0	0	229		160		0	
7.875	5.500 J-55	17.0	0	3806		700		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	3386							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	3299	3642	3299 TO 3642	0.750	140	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3299 TO 3642	FRAC W/25# DELTA 140 W/WCSW 200,000# 20/40 BRADY SAND, 2270 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
05/19/2003	05/06/2003	24	→	0.0	1000.0	8.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 140.0	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/2	SI		→	0	1000	8		PGW	

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 #22619 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOC

FARMINGTON FIELD OFFICE

JUN 4 2003

ACCEPTED FOR RECORD

## 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	1131		NACIMIENTO	1129
NACIMIENTO	1131	2531		OJO ALAMO	2552
OJO ALAMO	2531	2642		KIRTLAND	2675
				FRUITLAND	3227
				PICTURED CLIFFS	3651

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

This well is a single producing from the Basin Fruitland Coal. Attached are the daily summaries and wellbore schematic.

## 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 #22619 Verified by the BLM Well Information System.  
For CONOCOPHILLIPS COMPANY, sent to the Farmington  
Committed to AFMSS for processing by Adrienne Garcia on 06/04/2003 (03AXG1306SE)**

Name (please print) DEBORAH MARBERRYTitle SUBMITTING CONTACT

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

Date 06/02/2003

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 \*\***

## Operations Summary Report

Legal Well Name: SAN JUAN 32-7 UNIT FRUITLAND 000209A  
 Common Well Name: SAN JUAN 32-7 FRUITLAND #209A UNIT  
 Event Name: Original Completion Start: 03/05/2003 Spud Date: 04/17/2003  
 Contractor Name: RIGLESS Rig Release: End:  
 Rig Name: RIGLESS Rig Number: none Group:

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
04/24/2003	08:00 - 12:00	4.00	LG	1	80CMPL	HOLD SAFETY MEETING WITH ALL PERSONNEL RIG UP BLUE JET WIRE LINE TRUCK AND MAST TRUCK LOG WELL AS FOLLOWS: RUN GSL F/3759' - T/1700' RUN GR & CCL F/3759' - T/SURFACE RIG DOWN WIRE LINE AND MAST TRUCK
04/26/2003	08:00 - 14:00	6.00	CM	s	80CMPL	HELD SAFETY MEETING W/ HES AND BLUE JET. RU BLUE JET. PERFORATED FC. W/ 3 1/8" 120" SELECT FIRE PERFORATING GUN AS FOLLOWS. 3299' - 3301', 3362' - 3364', 3393' - 3394', 3423' - 3430', 3443' - 3450', 3464' - 3466', 3497' - 3499', 3525' - 3529', 3642' - 3529' ALL 1 SPF. RU HES. FRAC'D FC. PSI TESTED LINES TO 5000#. SET POP-OFF @ 4500#. BROKE DOWN FORMATION, @ 3 BPM @ 840. DROPPED 10 BALL SEALERS @ 14 BPM 1565#. DROPPED TOTAL OF 34 BALLS. GOOD BALL ACTION. BALLED OFF @ 2968#. RIH W/ JUNK BASKET. RET. 32 BALLS. RD BLUE JET. PUMPED PRE-PAD @ 54 BPM 3010#. STEPPED RATE DOWN TO 45 BPM @ 1572#, STEPPED RATE DOWN TO 35 BPM @ 2292#, STEPPED RATE DOWN TO 16 BPM @ 1572#, STEPPED RATE DOWN TO 6 BPM @ 1133#. ISIP 890#, 5 MIN 94 # 10 MIN 0#. FRAC'D FC W/ 25# DELTA 140 W/ WCSW 200,000# 20/40 BRADY SAND, 2270 BBLS FLUID. AVG RATE 66 BPM, AVG. PSI 2750# MAX PSI 3376# MAX SAND CONS. 5 PPG. ISIP 1640#. FG. .69 SWI RD HES.
05/02/2003	08:00 - 12:00	4.00	CM	z	00MMIR	MI KEY ENERGY RIG #63. SPOT ALL EQUIP. AND RIG RAMP. RU
	12:00 - 14:00	2.00	CM	e	00MMIR	400# ON CSG. KILL WELL W/ 50 BBLS 2% KCL. ND FRAC VALVE. INSTALL TBG HANGER W/ BULL PLUG IN BOTTOM OF HANGER. NU BOPS.
05/05/2003	14:00 - 14:30	0.50	CM	8	00MMIR	TEST BLIND RAMS. 250# LOW FOR 10 MINS AND 2000# HIGH FOR 10 MINS BOTH HELD OK. TEST PIPE RAMS 250# LOW FOR 10 MINS AND 2000# HIGH FOR 10MINS. BOTH HELD OK. TEST WITNESSED BY MARIO SANCHEZ KEY ENERGY.
	14:30 - 16:00	1.50	CM	e	00MMIR	RU 2" LINES TO PIT AND NU MUD CROSS. RD FLOOR. SWI SDFWE
	07:00 - 07:30	0.50	CM	c	80CMPL	HELD SAFETY MEETING W/ CREW SICP 350# BRADEN HEAD 0#
	07:30 - 11:30	4.00	CM	6	80CMPL	RU BLOOEY LINE, AIR LINES AND ALL ASSOCIATED EQUIP.
05/06/2003	11:30 - 13:00	1.50	CM	4	80CMPL	BLOW WELL TO PIT. PU AND RIH W/ 4 3/4" MT BIT, BIT SUB W/ FLOAT AND 104 JTS 2 3/8" TBG. INSTALLED 2 3/8" STRING FLOAT. PU 6 MORE JT TBG. TAGGED SAND @ 3444' POOH W/ 3 STANDS TBG.
	13:00 - 14:00	1.00	CM	z	80CMPL	UNLOADED HOLE W/ AIR (UNLOADED APPROX. 10 BBLS FLUID) CIRC. PSI 350#.
	14:00 - 15:00	1.00	CM	z	80CMPL	SWI DRAIN PUMP AND LINES SDFN
	07:00 - 07:30	0.50	CM	1	80CMPL	HELD SAFETY MEETING W/ RIG CREW AND AIR JAMMER. SICP 300#
	07:30 - 08:00	0.50	CM	4	80CMPL	PU AND RIH W/ 6 JTS 2 3/8" TBG. TAG @ 3444' BREAK CRIC W/ 1100 SCF AIR AND 10 BPH MIST.
	08:00 - 10:00	2.00	CM	z	80CMPL	SAT DOWN @ 3444' W/ 10,000#. WORK PIPE. FELL THUR TIGHT SPOT IN CSG. FROM 3444' TO 3446'. PULLED BACK UP THUR TIGHT. SPOT W/ 10,000# OVER PULL. RU SWIVEL. DRILLED ON TIGHT SPOT FOR 30 MINS. DID NOT MAKE ANY HOLE. WORK PIPE THUR TIGHT SPOT.
	10:00 - 14:00	4.00	CM	4	80CMPL	PU AND RIH W/ 7 MORE JTS. 2 3/8" TBG. TAGGED SAND @ 3666' 18' BELOW BOTTOM PERF. BROKE CRIC. W/ AIR MIST. C/O SAND TO 3759' (PBDT). R AND R PIPE ON BOTTOM FOR 2 HRS. WELL RETURNING VERY LITTLE SAND. AND APPROX. 8 BPH WTR.

## Operations Summary Report

Legal Well Name: SAN JUAN 32-7 UNIT FRUITLAND 000209A  
 Common Well Name: SAN JUAN 32-7 FRUITLAND #209A UNIT  
 Event Name: Original Completion Start: 03/05/2003 End: 04/17/2003  
 Contractor Name: RIGLESS Rig Release: Group:  
 Rig Name: RIGLESS Rig Number: none

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
05/06/2003	14:00 - 14:30	0.50	CM	4	80CMPL	RD SWIVEL. POOH W/ 8 STANDS TGB. TO 3244'
	14:30 - 15:00	0.50	CM	u	80CMPL	TESTED FC PERFS FROM 3299' TO 3648' THUR 1/2" CHOKE. 140# ON CSG. 0# ON TBG. DRY GAS.
	15:00 - 15:30	0.50	CM	u	80CMPL	140# ON CSG 0# ON TBG. DRY GAS.
	15:30 - 16:00	0.50	CM	u	80CMPL	140# ON CSG 0# ON TBG. DRY GAS.
	16:00 - 16:30	0.50	CM	u	80CMPL	140# ON CSG 0# ON TBG. DRY GAS.
	16:30 - 17:00	0.50	CM	u	80CMPL	140# ON CSG 0# ON TBG. DRY GAS.
05/07/2003	17:00 - 17:30	0.50	CM	z	80CMPL	SWI. DRIAN PUMP AND LINES. SDFN
	07:00 - 07:30	0.50	CM	c	80CMPL	HELD SAFETY MEETING W/ RIG CREW AND AQIR JAMMER. SICP 320#.
	07:30 - 09:30	2.00	CM	4	80CMPL	BLOW WELL TO PIT. TIH W/ 8 STANDS 2 3/8" TBG. TAG @ 3759' (PBD) NO NEW FILL OVERNIGHT. COOH LD 121 JTS 2 3/8" TBG, BIT SUB AND 4 3/4" MT BIT.
	09:30 - 13:00	3.50	CM	z	80CMPL	WO 2 7/8" TBG TO ARRIVE TO LOC.
	13:00 - 15:30	2.50	CM	2	80CMPL	PU AND RIH W/ HF PURGE VALVE, 1 JT 2 7/8" TBG, 6' PERFORATED SUB, 2.25 F-NIPPLE. AND 109 JTS 2 7/8" TBG. LAND TBG. F-NIPPLE @ 3386.55' EOT @ 3422.18'
	15:30 - 16:00	0.50	CM	6	80CMPL	ND BOP'S NU WELLHEAD.
	16:00 - 16:30	0.50	CM	z	80CMPL	RDMO FINAL REPORT.

ConocoPhillips

## END OF WELL SCHEMATIC

ConocoPhillips

Well Name: **SAN JUAN 32-7 UNIT # 209A**  
 API #: **30-045-31433**

Spud Date: **17-Apr-03**  
 Spud Time: **1930 HRS**

TD Date: **21-Apr-03**  
 Rig Release Date: **21-Apr-03**

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

**Surface Casing** Date set: **18-Apr-03**  
 Size **9 5/8** in ☒ New  
 Set at **229** ft # Jnts: **5** ☐ Used  
 Wt. **32.3** ppf Grade **H-40**  
 Hole Size **12 1/4** in  
 Wash Out **100** %  
 Est. T.O.C. **SURFACE** ft Csg Shoe **239** ft  
 TD of surface **249** ft

Notified BLM @ **735** hrs  
 on **4/17/2003**  
 Notified NMOCD @ **735** hrs  
**4/17/2003**

Ported collar @ **1158** ft

**Production Casing** Date set: **21-Apr-03**  
 Size **5 1/2** in ☒ New  
 Wt. **17** ppf Grade **J-55** from **12** to **3806** ft ☐ Used  
 Hole Size **7 7/8** in # Jnts: **87**  
 Wash Out: **150** %  
 Est. T.O.C. **SURFACE** ft  
 Marker jnt @ **2642** ft

Notified BLM @ **1005** hrs  
 on **4/20/2003**  
 Notified NMOCD @ **1007** hrs  
**4/20/2003**

FC **3759** ft  
 Csg Shoe **3806** ft

TD **3,811** ft  
 Mud Wt. @ TD **8.6** ppg

**Surface Cement**

Date cmt'd: **18-Apr-03**  
 Lead: **160** sx Class G Neat w/2% S001 an  
**1/4** pps D029 mixed @ **15.8** ppg & **1.16**  
 cuft/sx.  
 Displacement vol. & fluid.: **15.2** BBLS FW  
 Bumped Plug at: **0630** HRS  
 Pressure Plug bumped: **350**  
 Returns during job: **YES**  
 CMT Returns to surface: **15**  
 Floats Held: ☐ Yes ☐ No  
 W.O.C. for **10.5** hrs (plug bump to drlg cmt)

**Cement**

Date cmt'd: **21-Apr-03**  
 Lead: **555** sx Class G cmt w/3% D029  
**.2%** D046, **5** lbs/sx Phenoseal  
**.25** lbs/sx D029  
 Tail: **145** sx Class G/Poz w/5 lbs/sx  
**D024**, **2.5** lbs/sx Phenoseal, **.25**  
 lbs/sx D029, **2%** D020, **2%** S001,  
**.2%** D046  
 Displacement vol. & fluid.: **88** BBLS FW  
 Bumped Plug at: **2130** HRS  
 Pressure Plug bumped: **1120** PSI  
 Returns during job: **YES**  
 CMT Returns to surface: **50** BBLS  
 Floats Held: ☒ Yes ☐ No

**COMMENTS:**

Surface: **NO FLOAT EQUIPMENT RAN. SHUT-IN WITH 250 PSI ON CASING.**

Production: **PORTED COLLAR SET @ 1158'**

**CENTRALIZERS:**

Surface: **CENTRALIZERS @ 219', 144', 102', 58'.**

Total: **4**

Production: **CENTRALIZERS @ 3796', 3714', 3626', 3538', 3448', 3361', 210'.**

**TURBOLIZERS @ 2599', 2554', 2510'.**

Total: **10**