

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 checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMSF078995	
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. NMNM78421C	
3. Address 5525 HIGHWAY 64 FARMINGTON, NM 87401		8. Lease Name and Well No. SAN JUAN 31-6 UNIT 229A	
3a. Phone No. (include area code) Ph: 832.486.2326		9. API Well No. 30-039-27400-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface Sec 28 T31N R6W Mer NMP NWNW 1295 FNL 900 FWL 36.87417 N Lat, 107.47330 W Lon At top prod interval reported below 1240/N 1485/W At total depth awarded		10. Field and Pool, or Exploratory BASIN FRUITLAND COAL	
14. Date Spudded 09/07/2003		15. Date T.D. Reached 09/12/2003	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/01/2003		17. Elevations (DF, KB, RT, GL)* 6442 GL	
18. Total Depth: MD 3630 TVD		19. Plug Back T.D.: MD 3625 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 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 H40	32.0	0	221		150		0	
7.875	5.500 J55	17.0	0	3625		710		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	3535							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	3108	3440	3108 TO 3317	0.750	30	OPEN
B)			3429 TO 3440	0.750	28	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
3108 TO 3317	FRAC W/60 Q 20 # DELTA FRAC 140 W/190,000 16/30 SAND & 1244 BBLs FLUITS
3429 TO 3440	FRAC W/20# DELTA FRAC 140 W/40,000# 16/20 SAND & 755 BBLs FLUITS

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
10/09/2003	09/30/2003	24	→	0.0	900.0	200.0			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	
PITOT	SI	160.0	→	0	900	200		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
			→						ACCEPTED FOR RECORD
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						DEC 10 2003

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

ELECTRONIC SUBMISSION #24941 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMCCD

FARMINGTON FIELD OFFICE

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	1308		NACIMIENTO	1117
NACIMIENTO	1308	2466		OJO ALAMO	2417
OJO ALAMO	2466	2584		KIRTLAND	2532
				FRUITLAND	3057
				PICTURED CLIFFS	3457

32. Additional remarks (include plugging procedure):

This well is a single producing from the Basin Fruitland Coal. Attached is the current wellbore schematic and 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 #24941 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by ADRIENNE GARCIA on 12/10/2003 (04AXG1928SE)**

Name (please print) DEBORAH MARBERRYTitle SUBMITTING CONTACT

Signature _____ (Electronic Submission)

Date 11/10/2003

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 ****

END OF WELL SCHEMATIC

ConocoPhillips

Well Name: SAN JUAN 31-6 # 229A
 API #: 30-039-27400
 Location: 1240' FNL & 1485' FWL
Sect 28 - T31N - R6W
Rio Arriba County, NM
 Elevation: 6458'
 Dri Rig RKB: 13' above Ground Level
 Datum: Dri Rig RKB = 13' above GL

Spud Date: 7-Sep-2003
 Rig Release Date: 12-Sep-2003

Surface Casing Date set: 8-Sep-2003
 Size 9 5/8 in ☒ New
 Set at 221 ft ☐ Used
 Wt. 32.3 ppf Grade H-40
 Hole Size 12.25 in Conn STC
 Excess Cmt 125 %
 Est. T.O.C. SURFACE Csg Shoe 221 ft
 TD of surface 231 ft

Notified BLM @ 18:00 hrs on 6-Sep-2003
 Notified NMOCD @ 18:00 hrs on 6-Sep-2003

Production Casing Date set: 12-Sep-2003
 Size 5 1/2 in Grade J-55 ☒ New
 Wt. 17 ppf Conn LTC from 13 to 3625 ft ☐ Used
 Hole Size 7 7/8 in # Jnts: 82
 Wash Out: 150 % # Pups 1
 Top of Lead Slurry Cement: Surface
 Calculated Top of Tail Slurry Cement: 2958 ft

Notified BLM @ 20:34 hrs on 10-Sep-2003
 Notified NMOCD @ 20:36 hrs on 10-Sep-2003

Pup Jt #1 Length 4.7 ft Top @ 2958'

FC 3579 ft
 Csg Shoe 3625 ft
 TD 3,630 ft
 Mud Wt. @ TD 9.4 ppg

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

Surface Cement
 Date cmt'd: 8-Sep-2003
 Lead: 150 sx Class G + 2% CaCl2
+0.25lb/sx cell-o-flake, 1.16 cf/sx yield
174 cuft slurry at 15.8 ppg
 Displacement vol. & fluid.: 15.0 bbsl fresh wtr
 Bumped Plug at: 08:50hrs w/ 300psi
 Final Circ Press: 55 psi @ 0.5 bpm
 Returns during job: YES
 CMT Returns to surface: 15.0
 Floats Held: No floats used
 W.O.C. for 8 hrs (plug bump to test csg)

Production Cement
 Date cmt'd: 12-Sep-2003
 Lead: 480 sx Class G cement
+ 3% D079 Extender
+ 0.25 lb/sx D029 cellophane flakes
+ 5 lb/sx Pheno Seal
+ 0.2% D046 Antifoam
+ 0.05 gps D047 Antifoam
2.61 cf/sx, 1252.8 cuft slurry at 11.7 ppg
 Tail: 230 sx 50:50 POZ / Class G cement
+ 2% D020 Bentonite
+ 2% S001 CaCl2
+ 5 lb/sx Gilsonite
+ 2.5 lb/sx Pheno Seal
+ 0.25 lb/sx Cellophane Flakes
+ 0.10% D046 Antifoam
1.27 cf/sx, 292.1 cuft slurry at 13.5 ppg
 Dspl: See comments
 Bumped Plug at: 05:05 hrs w/ 1800 psi
 Final Circ Pressure: 800 psi @ 2 bpm
 Returns during job: YES
 CMT Returns to surface: 33 bbsl
 Floats Held: X Yes No

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 with 160 psi and WOC before backing out landing jt.
 Production: Displaced with 80 bbsl 2% KCL and 3 BBLs Fresh Water

CENTRALIZERS:

Surface:	<u>CENTRALIZERS POSITIONED @ 211', 162', 133', & 74'.</u>	Total:	<u>4</u>
Production:	<u>CENTRALIZERS @ 3615', 3535', 3447', 3359', 3271', 3183', 219', 85' & 41'</u>	Total:	<u>9</u>
	<u>TURBOLIZERS @ 2561', 2517', 2473', & 2429'</u>	Total:	<u>4</u>