

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. NMSF079381		
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. NMNM78424B		
3. Address 5525 HIGHWAY 64 FARMINGTON, NM 87401			8. Lease Name and Well No. SJ 32-8 256A		
3a. Phone No. (include area code) Ph: 832.486.2326			9. API Well No. 30-045-31669-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 25 T32N R8W Mer NMP At surface SESE 730FSL 1240FEL 36.94889 N Lat, 107.62190 W Lon At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BASIN FRUITLAND COAL		
14. Date Spudded 07/22/2003			15. Date T.D. Reached 07/26/2003		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/21/2003			17. Elevations (DF, KB, RT, GL)* 6922 GL		
18. Total Depth: MD 3860 TVD			19. Plug Back T.D.: MD 3810 TVD		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE		
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	235		150		0	
8.750	7.000 J-55	20.0	0	3463		545		0	
6.250	5.500 J-55	16.0	3372	3812		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	3808							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	3489	3804	3489 TO 3804	0.750	224	OPEN
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
3489 TO 3804	CAVITATE

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/30/2003	09/15/2003	24	→	0.0	1644.0	15.0			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	460.0	→	0	1644	15		PGW	

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
			→						
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 #24942 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOCD

ACCEPTED FOR RECORD

DEC 10 2003

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	1386		NACIMIENTO	950
NACIMIENTO	1386	2686		OJO ALAMO	2600
OJO ALAMO	2686	2754		KIRTLAND	2710
				FRUITLAND	3400
				PICTURED CLIFFS	3800

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

This well is a single producing from the Basin Fruitland Coal. Attached are 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 #24942 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 (04AXG1929SE)**

Name (please print) DEBORAH MARBERRYTitle SUBMITTING CONTACTSignature (Electronic Submission)Date 11/11/2003

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

Well Name: **San Juan 32-8 # 256A**  
API #: **30-045-31669**  
Location: **730' FSL & 1240' FEL**  
**Sect 25 - T32N - R8W**  
**San Juan County, NM**  
Elevation: **6922 GL (above MSL)**  
Drl Rig RKB: **13' above Ground Level**  
Datum: **Drl Rig RKB = 13' above GL**

Spud: **22-Jul-2003**  
Release Drl Rig: **26-Jul-2003**  
Move In Cav Rig: **31-Aug-2003**  
Release Cav Rig: **20-Sep-2003**

**Surface Casing** Date set: **22-Jul-03**  
Size **9 5/8** in  
Set at **235** 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 **235** ft  
TD of 12-1/4" hole **245** ft

Notified BLM @ **19:19** hrs on **20-Jul-2003**  
Notified NMOCD @ **18:16** hrs on **20-Jul-2003**

**Intermediate Casing** Date set: **26-Jul-03**  
Size **7** in **84** jts  
Set at **3463** ft **0** pups  
Wt. **20** ppf Grade **J-55**  
Hole Size **8 3/4** in Conn **STC**  
Excess Cmt **150** %  
T.O.C. **SURFACE**

Csg Shoe **3463** ft  
TD of 8-3/4" Hole **3470** ft

Notified BLM @ **4:48** hrs on **24-Jul-2003**  
Notified NMOCD @ **4:50** hrs on **24-Jul-2003**

**Production Liner** Date set: **16-Sep-03**  
Size **5 1/2** in  
Blank Wt. **15.5** ppf  
Grade **J-55** Connections: **LTC**  
# Jnts: **10**  
Hole Size **6 1/4** in  
Btm of Liner **3812** ft  
Top of Liner **3372** ft

PBTD / Top of Bit Sub: **3810**  
Bottom of Liner / Bottom of 6-1/4" Bit: **3812**

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

☒ New  
☐ Used

☒ New  
☐ Used

☒ New  
☐ Used

### Surface Cement

Date cmt'd: **22-Jul-03**  
Lead : **150** sx Class G Cement  
+ **2%** S001 Calcium Chloride  
+ **0.25** lb/sx D029 Cellophane Flakes  
**1.16** cuft/sx, **174** cuft slurry at **15.8** ppg  
Displacement: **15.3** bbls fresh wtr  
Bumped Plug at: **10:20** hrs w/ **300** psi  
Final Circ Press: **100** psi @ **0.5** bpm  
Returns during job: **YES**  
CMT Returns to surface: **15** bbls  
Floats Held: **No** floats used  
W.O.C. for **11.5** hrs (plug bump to csg pressure test)

### Intermediate Cement

Date cmt'd: **26-Jul-03**  
Lead : **440** sx Class G Cement  
+ **3%** D079 Extender  
+ **0.25** lb/sx D029 Cellophane Flakes  
+ **0.2%** D046 Antifoam  
**2.61**cuft/sx, **1148.4** cuft slurry at **11.7** ppg  
Tail : **105** sx 50/50 POZ : Class G 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, **133.4** cuft slurry at **13.5** ppg  
Displacement: **138.5** bbls  
Bumped Plug at: **04:03** hrs w/ **1900** psi  
Final Circ Press: **680** psi @ **2** bpm  
Returns during job: **YES**  
CMT Returns to surface: **18** bbls  
Floats Held: ☒ Yes ☐ No

### UNCEMENTED LINER

TD **3,860** ft

### 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 w/ 100 psi and WOC before backing out landing jt.**  
**Starting Head Flange was positioned 7 inches BELOW GROUND LEVEL when installed.**  
Intermediate: **Displaced cement on 7" job with 20 bbls fresh water plus 118.5 bbls mud for a total of 138.5 bbls total displacement.**  
Production: **Ran a bit, float sub & float on btm of 5.5" liner. Ran a hydraulic liner hanger - Unable to get liner to TD.**  
**Perforated 5-1/2" liner. Ran 2-7/8", 6.5#, J-55 EUE 8rd, tubing with mud anchor, perf jt, & F nipple (EOT at 3808' MD RKB)**  
**This configuration gives the option to either flow the well or set a pump in the F nipple to pump water up the tbq.**

### CENTRALIZERS:

Surface: **CENTRALIZERS @ 225', 147', 103', & 59'.** Total: **4**  
Intermediate: **CENTRALIZERS @ 3453', 3379', 3295', 3213', 3131', 3048', & 201'.** Total: **7**  
**TURBOLIZERS @ 2718', 2677', 2636'** Total: **3**