

## OCD-ARTESIA

Form 3160-4  
(April 2004)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMBNO 1004-0137  
Expires. March 31, 2007

5. Lease Serial No. **NM-114978**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No  
**Roadrunner Federal 001**

9. AFI Well No  
**30-025-39361**

10. Field and Pool, or Exploratory  
**Forty Niner Ridge Delaware**

11. Sec., T., R., M., on Block and Survey or Area  
**S25-T23S-R30E**

12. County or Parish  
**Eddy**

13. State  
**NM**

17. Elevations (DF, RKB, RT, GL)\*  
**3323 DF, 3307 GL, 3324 KB**

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other

b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other \_\_\_\_\_

2. Name of Operator **Strata Production Company**

3. Address **P.O. Box 1030, Roswell, NM 88202-1030**

3a. Phone No. (include area code)  
**575-622-1127**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **460' FNL & 330' FWL**  
At top prod. interval reported below  
At total depth **430' FNL & 414' FEL**

14. Date Spudded  
**09/01/2011**

15. Date T.D. Reached  
**10/05/2011**

16. Date Completed  
☐ D & A ☒ Ready to Prod

18. Total Depth: MD **11993'**  
TVD **7708'**

19. Plug Back T.D.: MD **11953'**  
TVD

20. Depth Bridge Plug Set MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
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 Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8 H	48#	Surf	370'		368 sx CL-C		Circ	
12 1/4	12 1/4 J5	40#	Surf	3874'		1385 sx CL-C		Circ	
8 3/4	7 P-110	26#	Surf	7971'		406 sx CL-C		Circ	
6 1/8	4 1/2 P-1	11.6#	7017'	11993'		600 sx CL-H		7017'	

## 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 7/8"	6948'	6948'	7"					

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Attachment:						
B)						
C)						
D)						

## 27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
Attachment:	

**RECLAMATION  
DUE 10-20-12**

## 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
04/20/2012	04/23/2012	24	→	231	65	442	39.8		Gas-Lift
Choke Size	Tbg Press Flwg SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
22/64	SI 220	1000	→	231	65	442	.28		Producing

## 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 page 2)

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICESubmit Drilling Summary Data: 1  
3160-5**ACCEPTED FOR RECORD**

JUN 10 2012

## 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
Delaware	8335	8365	Sand & Shale	Rustler	Surface
Delaware	8810	8820	Sand & Shale	Top of Salt	700'
Delaware	9380	9390	Sand & Shale	Base of Salt	3380'
Delaware	10010	10020	Sand & Shale	Delaware	3870'
Delaware	10480	10490	Sand & Shale	Bone Spring	7779'
Delaware	11200	11210	Sand & Shale		
Delaware	11993	12020	Sand & Shale		

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.) 
 ☐ Geologic Report 
 ☐ DST Report 
 ☒ Directional Survey 
 ☐ Sundry Notice for plugging and cement verification 
 ☐ Core Analysis 
 ☐ 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) Frank S. MorganTitle Vice - PresidentSignature Date 04/24/2012

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.

**Producing Intervals**

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Delaware			8335'-8365'	0.42	60	Open
B)	Delaware			8810'-8820'	0.42	60	Open
C)	Delaware			9380'-9390'	0.42	60	Open
D)	Delaware			10010'-10020'	0.42	60	Open
E)	Delaware			10480'-10490'	0.42	60	Open
F)	Delaware			11200'-11210'	0.42	60	Open
G)	Delaware			11993'-12020'	0.42	60	Open

**Acid, Frac, Treatment, Cement Squeeze, etc.**

<u>Depth Interval</u>	<u>Amount and Type of Material</u>
8335'-8365'	Acidize w/ 1500 gals HCL. Frac w/ 150,000# 30/50 RC. Place 158,732# on formation
8810'-8820'	Acidize w/ 1500 gals HCL. Frac w/ 100,000# 30/50 RC. Place 96,972# on formation
9380'-9390'	Acidize w/ 1500 gals HCL. Frac w/ 100,000# 30/50 RC. Place 101,046# on formation
10010'-10020'	Acidize w/ 1500 gals HCL. Frac w/ 150,000# 30/50 RC. Place 149,947# on formation
10480'-10490'	Acidize w/ 1500 gals HCL. Frac w/ 100,000# 30/50 RC. Place 102,691# on formation
11200'-11210'	Acidize w/ 1500 gals HCL. Frac w/ 150,000# 30/50 RC. Place 151,184# on formation
11993'-12020'	Acidize w/ 1500 gals HCL. Frac w/ 150,000# 30/50 RC. Place 149,364# on formation