OCD-ARTESIA

Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No **SH NM-0531075 BH N-~~0591277~~** 104965

1a Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b Type of Completion ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr,
Other

6 If Indian, Allottee or Tribe Name

7 Unit or CA Agreement Name and No **NM-70951C**

2 Name of Operator **Strata Production Company**

8 Lease Name and Well No **Forty Niner Ridge Unit #14**

3 Address **PO Box 1030, Roswell, NM 88202-1030**

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

9 API Well No. **30-015-38563**

4 Location of Well *(Report location clearly and in accordance with Federal requirements)*

At surface **330' FSL & 2480' FWL, S10-T23S-R30E**

At top prod interval reported below

At total depth **360' FNL & 1470' FEL S9-T23S-R30E**

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

11. Sec., T., R., M., on Block and Survey or Area

12 County or Parish **Eddy** | 13 State **NM**

14 Date Spudded **07/12/2011** | 15 Date T.D. Reached **08/27/2011** | 16 Date Completed **12/27/2011** ☐ D & A ☑ Ready to Prod | 17 Elevations (DF, RKB, RT, GL)* **3158' KB, 17.1' RKB, 3141' GL,**

18. Total Depth. MD **11,447'** TVD | 19. Plug Back T.D. MD **11,038'** TVD | 20 Depth Bridge Plug Set: MD TVD

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

ATTACHMENT:

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"	133/8 h4	48#	Surface	270'		285 sx Cl H		Circ	
12 1/4"	9 5/8 J55	40#	Surface	3632'		1428 sx Cl C		Circ	
8 3/4"	7 p-110	26#	Surface	7900'		475 sx CL H		Circ	
4 1/2"	41/2p110	11/6#	7115'	11,038'		500 sx CL H		7115'	

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"	6,990'	6,991'	7"					

25 Producing Intervals

Formation	Top	Bottom
A) **ATTACHMENT:**	8240	10930
B)		
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
ATTACHMENT:	

RECLAMATION DUE 6-27-12

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
12/27/2011	12/31/2011	24	→	203	76	1420	39 0		Gas Lift
Choke Size	**Tbg Press Flwg**	**Csg Press**	**24 Hr Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas/Oil Ratio**	**Well Status**	
38/64"	SI 300	1040	→	203	76	1420	3		Flowing

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**	
			→						

(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD
FEB 20 2012
BUREAU OF LAND MANAGEMENT
CARLSBAD 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
Delaware	**8240**	**8250**	**Sand & Shale**	**Anhy**	**490'**
Delaware	**8685**	**8695**	**Sand & Shale**	**Salt**	**700'**
Delaware	**9050**	**9060**	**Sand & Shale**	**Salt**	**3370'**
Delaware	**9530**	**9540**	**Sand & Shale**	**Delaware Sand**	**3600'**
Delaware	**10320**	**10330**	**Sand & Shale**	**Bone Springs**	**7490'**
Delaware	**10645**	**10655**	**Sand & Shale**		
Delaware	**10920**	**10930**	**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)* **Jennifer Zapata** Title **Production Manager**

Signature Jennifer Zapata Date **01/26/2011**

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.

#14

Producing Intervals

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Delaware	3,606'	7,500'	8,240-8,250'	0.42	60	Open
B)	Delaware	3,606'	7,500'	8,685-8695'	0.42	60	Open
C)	Delaware	3,606'	7,500'	9,050-9,060'	0.42	60	Open
D)	Delaware	3,606'	7,500'	9,530-9,540'	0.42	60	Open
E)	Delaware	3,606'	7,500'	10,320-10,330'	0.42	60	Open
F)	Delaware	3,606'	7,500'	10,645-10,655'	0.42	60	Open
G)	Delaware	3,606'	7,500'	10,920-10,930'	0.42	60	Open

Acid, Frac, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
8,240-8,250'	Acidize w/ 1500 gal's 7 1/2% NEFE. Frac w/ 100,000# 20/50 RC. Place 124,926# on formation.
8,685-8695'	Acidize w/ 1500 gal's 7 1/2% NEFE. Frac w/ 250,000# 20/50 RC. Place 244,577# on formation.
9,050-9,060'	Acidize w/ 1500 gal's 7 1/2% NEFE. Frac w/ 150,000# 20/50 RC. Place 149,573# on formation.
9,530-9,540'	Acidize w/ 1500 gal's 7 1/2% NEFE. Frac w/ 150,000# 20/50 RC. Place 148,447# on formation.
10,320-10,330'	Acidize w/ 1500 gal's 7 1/2% NEFE. Frac w/ 150,000# 20/50 RC. Place 154,356# on formation.
10,645-10,655'	Acidize w/ 1500 gal's 7 1/2% NEFE. Frac w/ 150,000# 20/50 RC. Place 171,000# on formation.
10,920-10,930'	Acidize w/ 1500 gal's 7 1/2% NEFE. Frac w/ 250,000# 20/50 RC. Place 232,105# on formation.