

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO. 1004-0137  
Expires: October 31, 2014

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NM-1143561a. 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.

2. Name of Operator  
Strata Production Company8. Lease Name and Well No.  
Sandy Federal 0033. Address  
P.O. Box 1030, Roswell, NM 88202-10303a. Phone No. (include area code)  
575-622-11279. API Well No.  
30-015-40055

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

At surface 330' FSL &amp; 330' FWL

At top prod. interval reported below 528' FNL &amp; 338' FEL

At total depth

14. Date Spudded  
07/13/201215. Date T.D. Reached  
08/24/201216. Date Completed 09/30/2012  
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
3288' GL18. Total Depth: MD 12183'  
TVD 7737'19. Plug Back T.D.: MD  
TVD20. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
Schlumberger PEX/HRLA22. 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 Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 17 1/2"   | H-40 13 3/8 | 48#         | Surface  | 350'        |                      | 650 sx C                    | 152               | Circ        | None          |
| 12 1/4"   | K-55 9 5/8  | 40#         | Surface  | 3846'       | 1312                 | 2350 C                      | 786               | Circ        | None          |
| 8 3/4"    | P-110 7"    | 26#         | Surface  | 8000'       | 4754                 | 1360 H                      | 363               | Circ        | None          |
| 6 1/8"    | P-110 4 1/2 | 11.6#       | 7060'    | 12183'      |                      | 430 H                       | 113               | 7060'       | None          |

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" | 7021'          | None              |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation   | Top      | Bottom    | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------|----------|-----------|---------------------|------|-----------|--------------|
| A) Delaware | 8215' MD | 12116' MD | 8215 - 12116'       | .42  | 660       | Set          |
| B)          |          |           |                     |      |           |              |
| C)          |          |           |                     |      |           |              |
| D)          |          |           |                     |      |           |              |

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

| Depth Interval | Amount and Type of Material                                           |
|----------------|-----------------------------------------------------------------------|
| 8215-12116     | 15000 Gals 7 1/2% NeFe, 24,000 bbls Gel, 1,173,000 lbs 30/50 RC sand. |

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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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 9/30/12             | 10/10/12             | 1            | →               | 18      | 6       | 70        | 42                    | .65         | Flowing           |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
|                     | 400                  | 280          | →               | 440     | 153     | 1676      | .35                   | 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 |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

ACCEPTED FOR RECORD

JUN 5 2013  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

| 28b. Production - Interval C |                            |              |                      |         |         |           |                          |             |                   |
|------------------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Date First Produced          | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
| Choke Size                   | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio            | Well Status |                   |

| 28c. Production - Interval D |                            |              |                      |         |         |           |                          |             |                   |
|------------------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Date First Produced          | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
| Choke Size                   | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio            | Well Status |                   |

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

Sold to DCP Midstream

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<br>Delaware | 8212'<br>8580'   | 8225'<br>8590'   | Sand & Shale<br>Sand & Shale | Rustler  | 172'        |
| Delaware<br>Delaware | 9280'<br>9695'   | 9290'<br>9705'   | Sand & Shale<br>Sand & Shale | Salado   | 478'        |
| Delaware<br>Delaware | 10150'<br>10450' | 10160'<br>10460' | Sand & Shale<br>Sand & Shale | Castile  | 2232'       |
| Delaware<br>Delaware | 10950'<br>11410' | 10960'<br>11420' | Sand & Shale<br>Sand & Shale | Delaware | 3876'       |
| Delaware<br>Delaware | 11855'<br>12106' | 11865'<br>12116' | Sand & Shale<br>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 Analyst

Signature Jennifer Zapata

Date 06/05/2013

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.

(Continued on page 3)

(Form 3160-4, page 2)

- 7/13/2012 - Spud in well @ 6:00. Notified BLM. Set 20' casing @ 80'
- 7/14/2012 - Drilled to 353'. Ran 13 3/8" to 350'. Notified BLM. Cement with 100 sx Class C/Poz at 13.2 # Lead cement and 350 sx Class C w/25 CaCl<sub>2</sub> at 14.8 #. Did not circulate. Notified BLM. Ran temp survey - TOC @ 140'
- 7/15/2012 - Ran 1" tubing to 175'. Pump 25 sx Class C w/2% CaCl<sub>2</sub>. WOC - 4 hrs. Pump 50 sx Class C w 2% CaCl<sub>2</sub>. WOC-4 hrs. Pump 50 sx Class C w 2% CaCl<sub>2</sub>. WOC-4 hrs.
- 7/16/2012- Pump 50 sx Class C w 2% CaCl<sub>2</sub>. WOC-4 hrs. Pump 25 sx Class C w/2% CaCl<sub>2</sub>, circulated cement to surface. Cut off 13 3/8" casing. NU BOP and test. Prep to drill out with 8 3/4" bit. *(Handwritten: 2531, 33, 2000)*
- 7/27/2012 - Run 85 jts 9 5/8" to 3846'. D.V. tool @ 1350'. Cement 1<sup>st</sup> stage w/ 1650 sx 35/60 P/C + 5% PF44 (BWOW) 6% PF20 + 3# PF42 + .125 PF29 + 1% PF1 Lead; 100 sx C+2% PF13 Tail. Open D.V. Tool. Circ. 122 sx to pit. Cement 2<sup>nd</sup> stage w/ 500 sx 35/65 P/C + 5% PF44 (BWOW) 6% PF20 + 3# PF42 + .125# PF29 + 1% PF1 Lead. 100 sx C+2% PF13 Tail. Ran Temp Survey. Top 210', Cement 3<sup>rd</sup> stage thru 1" w/ 85 sx & Circ. 4 bbls to pit.

Drlg to a depth of 8000'.

- 8/5/2012 - Run 7" BTC & LTC Casing 26# HCP - 110. Ran 24 Jts of BTC to 7059 and 1 Crossover Jt; 165 Jts of LTC to Surface. Ran Cent on the first Jt then every third Jt to 3553, Then from 523 to 130' Cent on every third Jt. Top of DV Tool @ 4754. Top of Float @ 7958'. Top of Shoe 7998'. Cement 1<sup>st</sup> stage w/ Lead: 360 sx 35/64 P/H 5% PF44 + 5% PF20 + 2# PF42 + .125 # PF29 + .25# PF46 + .2% PF13 & Tail: 200 sx H + .4% PF 13. Plug down at 19:40. DV Tool Opened w/ 890 PSI. Wait on Cement. Circ 54 sx or 20 bbls of cement to pits. Cement 2<sup>nd</sup> stage w/ Lead: 700 sx 35/65 P/H 5% PF44 + 6% PF20 + 2# PF42 + .125 PF29 + .25# PF46 + .2% PF13 & Tail: 100 sx C+2% PF13. Plug Down at 1:53. Circ 109 sx or 40 bbls to surface.
- 8/30/2012 - Run 4 1/2" casing, Shoe, 1 Jt of 11.60# HCP 110 BTC, Float Collar, Landing Collar, 1 X-O Jt 15.10# L-80 BTC to Ultra SF, 57 Jts of 15.10# L-80 Ultra SF, 1 X-O Jt 15.10# L-80 Ultra SF to BTC, 54 Jts of 11.60# HCP 110 BTC, Liner Hanger, Setting Tool. Total Casing footage 5125.62', Top of liner hanger 7060.39', Shoe @ 12183.65'. RU Par - Five Cementers & hold Safety Meeting. Set Liner hanger @ 7060.39 & Cement w/ 430 sx PVL + 1.3 PF44 + 5% PF174 + .5 PF605 + .1% PF153 + .25# PF 46 + .6% PF13.