

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***NMOCD**  
**Hobbs**  
2FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 20185. Lease Serial No.  
NMNM114991

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
GREEN WAVE 20 FED 8V9. API Well No.  
30-025-4320810. Field and Pool or Exploratory Area  
GWC-025 G06 S263407P11. County or Parish, State  
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: UNKNOWN MW2. Name of Operator  
DEVON ENERGY PRODUCTION COMPANYContact: REBECCA DEAL  
Email: Rebecca.Deal@dmv.com3a. Address  
333 WEST SHERIDAN AVENUE  
OKLAHOMA CITY, OK 731023b. Phone No. (include area code)  
Ph: 405-228-8429

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 20 T26S R34E SENE 2630FNL 330FEL

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |                                               |                                                    |                                           |
|-------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------------------------------|-------------------------------------------|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen               | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction     | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
|                                                       | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon     | <input type="checkbox"/> Temporarily Abandon       |                                           |
|                                                       | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back            | <input type="checkbox"/> Water Disposal            |                                           |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Actual testing procedures for Green Wave 20 Fed 8V VSW:

2/11/17 ? Perforate Wolfcamp 400 from 13,884?-13,886?  
2/12/17 ? Pump DFIT ? 29bbls 2% KCl.  
3/14/17 ? Set CIBP at 13,874?. Good plug test to 8,500psi. Dump bail 20? Class H cement.  
Perforate Wolfcamp 300 from 13,620?-16,630?  
3/15/17 ? Pump DFIT ? 37bbls 2% KCl.  
4/3/17 ? Pump traced frac ? 18bbls acid, 4,232bbls slickwater, 106,500# 100mesh sand, & 93,360# 40/70 sand.  
4/5/17 ? Set CIBP at 13,560?. Good plug test to 8,500psi. Dump bail 20? Class H cement.  
Perforate Wolfcamp 200 from 13,305?-13,315?  
4/6/17 ? Pump DFIT ? 27bbls 2%KCl.

*Devon needs to submit sundry to shut in well. w/ justification.*

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #398687 verified by the BLM Well Information System  
For DEVON ENERGY PRODUCTION COMPAN, sent to the Hobbs  
Committed to AFMSS for processing by JENNIFER SANCHEZ on 12/20/2017 ( )

Name (Printed/Typed) REBECCA DEAL

Title REGULATORY COMPLIANCE PROFESSI

Signature (Electronic Submission)

Date 12/20/2017

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(Instructions on page 2)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Additional data for EC transaction #398687 that would not fit on the form**

**32. Additional remarks, continued**

5/19/17 ? Pump traced frac ? 18bbbls acid, 4,192bbbls slickwater, 88,760# 100mesh sand, & 92,040# 40/70 sand.

5/21/17 ? Set CIBP at 13,290?. Good plug test to 8,500psi. Dump bail 20? Class H cement.

5/22/17 ? Perforate Wolfcamp 120 from 12,990?-13,000?

5/23/17 ? Pump DFIT ? 37bbbls 2%KCl

7/14/17 ? Pump traced frac ? 18bbbls acid, 4,178bbbls slickwater, 88,000# 100mesh sand, & 94,660# 40/70 sand.

7/15/17 ? Set CIBP at 12,950?. Good plug test to 8,500psi. Dump bail 20? Class H cement.

7/16/17 ? Perforate Wolfcamp Y from 12,760?-12,770?.

7/20/17 ? Pump traced frac ? 18bbbls acid, 4,733bbbls slickwater, 90,240# 100mesh sand, & 94,000# 40/70 sand.

7/21/17 ? Set CIBP at 12,735?. Good plug test to 8,500psi. Dump bail 20? Class H cement.

7/22/17 ? Perforate 3rd Bone Springs Sand from 12,580?-12,590?. Pump DFIT ? 35.5bbbls 2%KCl.

9/2/17 ? Pump traced frac ? 24bbbls acid, 2,080bbbls slickwater, 17,080# 100mesh sand, & 65,100# 40/70 sand.

9/3/17 ? Set CIBP at 12,560?. Good plug test to 8,500psi. Dump bail 20? Class H cement. Well SI pending further evaluation.

See attached wellbore schematic.



## Schematic-data clean up

|                                         |                                      |                                 |                         |                                            |                                                   |
|-----------------------------------------|--------------------------------------|---------------------------------|-------------------------|--------------------------------------------|---------------------------------------------------|
| AP/UWI<br>3002543208                    | Surface Legal Location<br>20-26S-34E | Field Name<br>RATTLESNAKE (NM)  | Permit No.              | State/Province<br>NM                       | Well Configuration Type<br>VERTICAL               |
| Ground Elevation (MSL) (ft)<br>3,342.60 | Casing Flange Elevation (ft)         | KB - Ground Level (ft)<br>21.00 | KB - Casing Flange (ft) | Original Drig Spud Date<br>12/7/2016 09:00 | Original Drig Rig Release Date<br>1/23/2017 05:00 |

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### Wellbore Sections

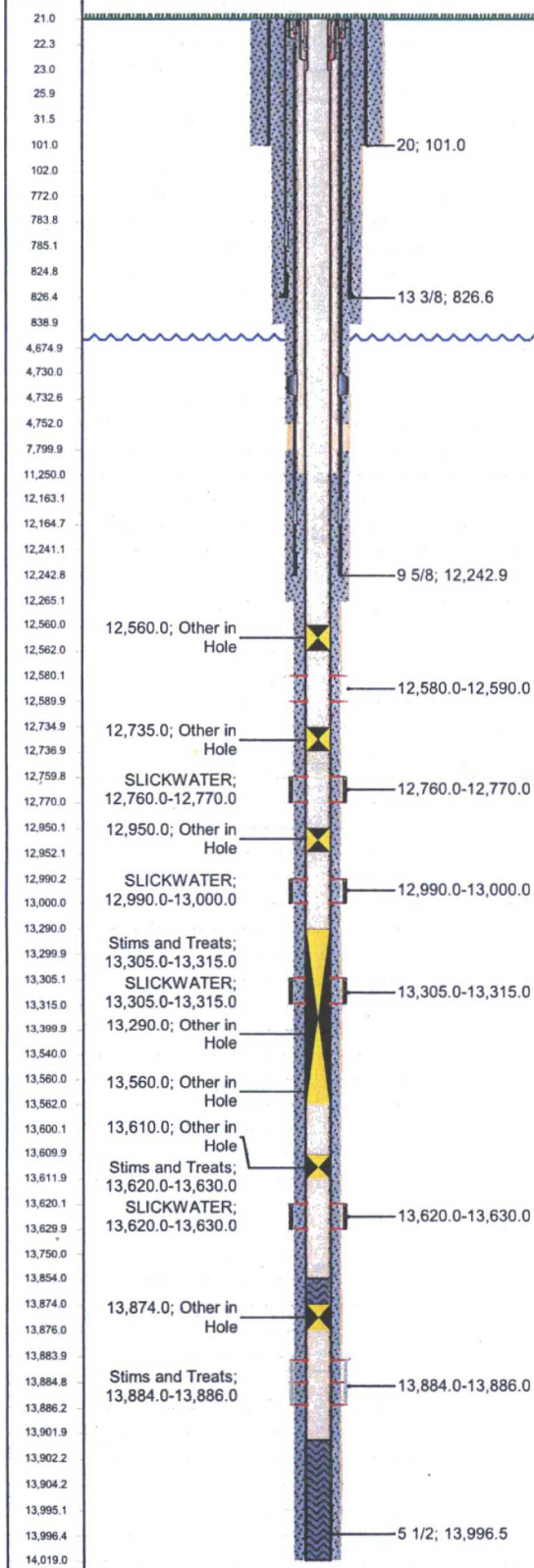
| MD (ftKB) | Vertical schematic (actual) | Wellbore Name | Section Des    | Start Date | Act Top (ftKB) | Act Btm (ftKB) | Hole Size (in) |
|-----------|-----------------------------|---------------|----------------|------------|----------------|----------------|----------------|
| 21.0      |                             | OH            | CONDUCTOR      | 11/29/2016 | 21.0           | 101.0          | 26             |
| 22.3      |                             | OH            | SURFACE 1      | 12/7/2016  | 101.0          | 839.0          | 17 1/2         |
| 23.0      |                             | OH            | INTERMEDIATE 1 | 12/9/2016  | 839.0          | 12,265.0       | 12 1/4         |
| 25.9      |                             | OH            | PRODUCTION 1   | 12/31/2016 | 12,265.0       | 14,019.0       | 8 3/4          |

### Casing Strings

| Csg Des        | OD (in) | Wt/Len (lb/ft) | Grade   | Top (ftKB) | Set Depth (ftKB) |
|----------------|---------|----------------|---------|------------|------------------|
| CONDUCTOR      | 20      | 106.50         | J-55    | 21.0       | 101.0            |
| SURFACE 1      | 13 3/8  | 54.50          | J-55    | 21.0       | 826.6            |
| INTERMEDIATE 1 | 9 5/8   | 40.00          | P-110EC | 21.0       | 12,242.9         |
| PRODUCTION 1   | 5 1/2   | 17.00          | P110RY  | 21.0       | 13,996.5         |

### Cement Fluids

| Des                        | Stg # | Fluid        | Amount of Cement (sacks) | Cement Class | Est Top (ftKB) | Est Btm (ftKB) | Yield (ft <sup>3</sup> /sack) | Dens (lb/gal) | Top (ftKB) | Top Meas Meth       |
|----------------------------|-------|--------------|--------------------------|--------------|----------------|----------------|-------------------------------|---------------|------------|---------------------|
| CONDUCTOR CEMENT           | 1     | LEAD         | 120                      | C            | 21.0           | 101.0          |                               |               | 21.0       | RETURNS             |
| SURFACE CASING CEMENT      | 1     | LEAD         | 1,145                    | C            | 21.0           | 826.6          | 1.33                          | 14.80         | 21.0       | RETURNS             |
| INTERMEDIATE CASING CEMENT | 1     | PREFLUSH     | 0                        |              | 21.0           | 21.0           |                               | 8.35          | 7,800.0    | VOLUME CALCULATIONS |
| INTERMEDIATE CASING CEMENT | 1     | SPACE R      | 0                        |              | 21.0           | 21.0           |                               | 10.00         | 7,800.0    | VOLUME CALCULATIONS |
| INTERMEDIATE CASING CEMENT | 1     | LEAD         | 795                      | POZ MIX      | 7,800.0        | 10,250.0       | 2.49                          | 11.20         | 7,800.0    | VOLUME CALCULATIONS |
| INTERMEDIATE CASING CEMENT | 1     | TAIL         | 540                      | POZ MIX      | 10,250.0       | 12,250.0       | 1.53                          | 13.50         | 7,800.0    | VOLUME CALCULATIONS |
| INTERMEDIATE CASING CEMENT | 1     | DISPLACEMENT |                          |              | 0.0            | 0.0            |                               | 12.00         | 7,800.0    | VOLUME CALCULATIONS |
| INTERMEDIATE CASING CEMENT | 1     | DISPLACEMENT |                          |              | 0.0            | 0.0            |                               | 10.00         | 7,800.0    | VOLUME CALCULATIONS |
| INTERMEDIATE CASING CEMENT | 1     | DISPLACEMENT |                          |              | 0.0            | 0.0            |                               | 9.20          | 7,800.0    | VOLUME CALCULATIONS |



## Schematic-data clean up

|                                         |                                      |                                 |                         |                                            |                                                   |
|-----------------------------------------|--------------------------------------|---------------------------------|-------------------------|--------------------------------------------|---------------------------------------------------|
| API/UWI<br>3002543208                   | Surface Legal Location<br>20-26S-34E | Field Name<br>RATTLESNAKE (NM)  | Permit No.              | State/Province<br>NM                       | Well Configuration Type<br>VERTICAL               |
| Ground Elevation (MSL) (ft)<br>3,342.60 | Casing Flange Elevation (ft)         | KB - Ground Level (ft)<br>21.00 | KB - Casing Flange (ft) | Original Drig Spud Date<br>12/7/2016 09:00 | Original Drig Rig Release Date<br>1/23/2017 05:00 |

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### Cement Fluids

| MD (ftKB) | Vertical schematic (actual)         | Des                        | Stg # | Fluid        | Amount of Cement (sacks) | Cement Class | Est Top (ftKB) | Est Btm (ftKB) | Yield (ft <sup>3</sup> /sack) | Dens (lb/gal) | Top (ftKB) | Top Meas Meth           |
|-----------|-------------------------------------|----------------------------|-------|--------------|--------------------------|--------------|----------------|----------------|-------------------------------|---------------|------------|-------------------------|
| 21.0      |                                     | INTERMEDIATE CASING CEMENT | 2     | PREFLUSH     |                          |              | 0.0            | 0.0            |                               | 8.35          | 4,675.0    | TEMPERATURE LOG         |
| 22.3      |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 23.0      |                                     | INTERMEDIATE CASING CEMENT | 2     | SPACE R      |                          |              | 0.0            | 0.0            |                               | 10.0          | 4,675.0    | TEMPERATURE LOG         |
| 25.9      |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 31.5      |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 101.0     | 20; 101.0                           | INTERMEDIATE CASING CEMENT | 2     | LEAD         | 752                      | POZ MIX      | 4,370.0        | 4,750.0        | 1.95                          | 12.6          | 4,675.0    | TEMPERATURE LOG         |
| 102.0     |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 772.0     |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 783.8     |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 785.1     |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 824.8     |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 826.4     | 13 3/8; 826.6                       | INTERMEDIATE CASING CEMENT | 2     | TAIL         | 294                      | POZ MIX      | 4,750.0        | 4,750.0        | 1.33                          | 14.8          | 4,675.0    | TEMPERATURE LOG         |
| 838.9     |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 4,674.9   |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 4,730.0   |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 4,732.6   |                                     | INTERMEDIATE CASING CEMENT | 2     | DISPLACEMENT |                          |              | 0.0            | 0.0            |                               | 12.0          | 4,675.0    | TEMPERATURE LOG         |
| 4,752.0   |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 7,799.9   |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 11,250.0  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 12,163.1  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 12,164.7  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 12,241.1  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 12,242.8  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 12,265.1  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 12,560.0  | 12,560.0; Other in Hole             | INTERMEDIATE CASING CEMENT | 3     | LEAD         | 1,122                    | C            | 21.0           | 4,370.0        | 1.95                          | 14.6          | 21.0       | BRADEN HEAD SQUEEZE     |
| 12,562.0  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 12,580.1  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 12,589.9  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 12,734.9  | 12,735.0; Other in Hole             |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 12,736.9  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 12,759.8  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 12,770.0  | SLICKWATER; 12,760.0-12,770.0       | PRODUCTION CASING CEMENT   | 1     | SPACE R      | 0                        |              | 10,608.0       | 11,250.0       | 0.00                          | 16.1          | 11,250.0   | VOLUMETRIC CALCULATIONS |
| 12,950.1  | 12,950.0; Other in Hole             |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 12,952.1  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 12,990.2  | SLICKWATER; 12,990.0-13,000.0       | PRODUCTION CASING CEMENT   | 1     | TAIL         | 840                      | H            | 11,250.0       | 14,019.0       | 1.07                          | 16.4          | 11,250.0   | VOLUMETRIC CALCULATIONS |
| 13,000.0  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,290.0  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,299.9  | Stims and Treats; 13,305.0-13,315.0 |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,305.1  | SLICKWATER; 13,305.0-13,315.0       |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,315.0  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,399.9  | 13,290.0; Other in Hole             |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,540.0  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,560.0  | 13,560.0; Other in Hole             | PRODUCTION CASING CEMENT   | 1     | DISPLACEMENT | 0                        |              | 0.0            | 0.0            | 0.00                          | 8.34          | 11,250.0   | VOLUMETRIC CALCULATIONS |
| 13,562.0  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,600.1  | 13,610.0; Other in Hole             |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,609.9  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,611.9  | Stims and Treats; 13,620.0-13,630.0 |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,620.1  | SLICKWATER; 13,620.0-13,630.0       | CEMENT PLUG                | 1     | LEAD         |                          | H            | 13,854.0       | 13,874.0       |                               |               | 13,854.0   | WIRELINE TAG            |
| 13,629.9  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,750.0  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,854.0  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,874.0  | 13,874.0; Other in Hole             | CEMENT PLUG                | 1     | LEAD         | 3                        | H            | 13,540.0       | 13,560.0       | 1.37                          | 14.6          | 13,540.0   | WIRELINE TAG            |
| 13,876.0  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,883.9  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,884.8  | Stims and Treats; 13,884.0-13,886.0 |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,886.2  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,901.9  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,902.2  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,904.2  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,995.1  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 13,996.4  |                                     |                            |       |              |                          |              |                |                |                               |               |            |                         |
| 14,019.0  | 5 1/2; 13,996.5                     |                            |       |              |                          |              |                |                |                               |               |            |                         |

### Zones

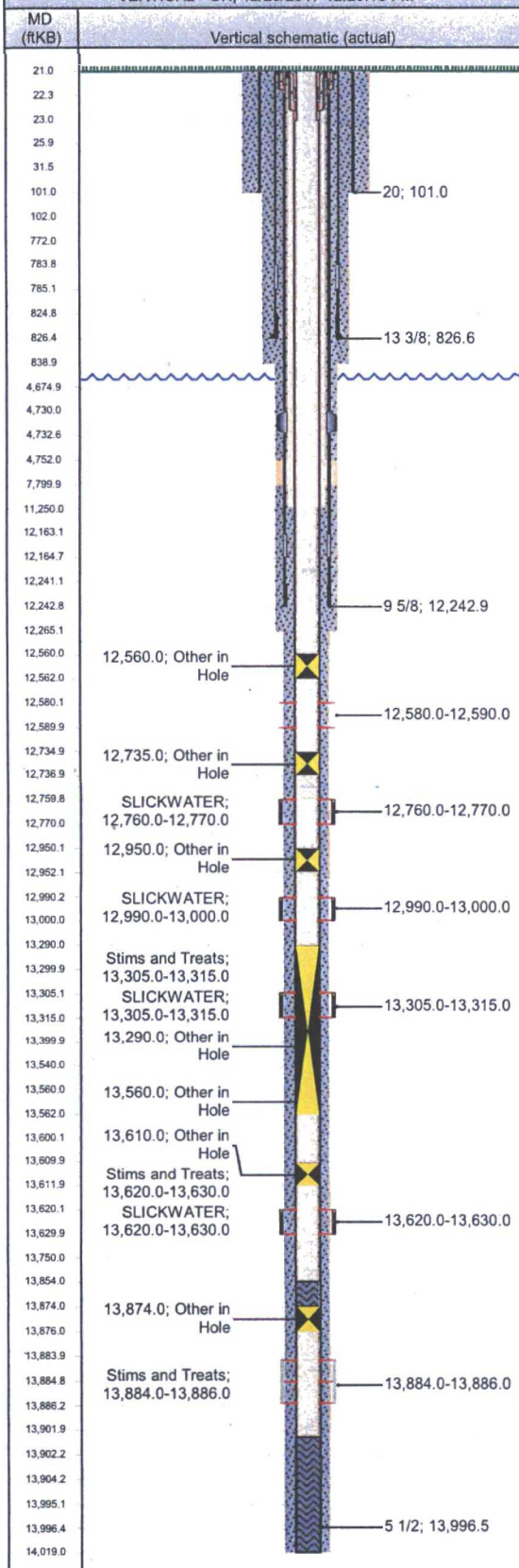
| Zone Name       | Top Depth (ftKB) | Bottom Depth (ftKB) | Current Status | Current Status Date |
|-----------------|------------------|---------------------|----------------|---------------------|
| BONE SPRING 3RD | 12,580.0         | 12,590.0            |                |                     |
| WOLFCAMP 100    | 12,760.0         | 12,770.0            |                |                     |



## Schematic-data clean up

|                                         |                                      |                                 |                         |                                            |                                                   |
|-----------------------------------------|--------------------------------------|---------------------------------|-------------------------|--------------------------------------------|---------------------------------------------------|
| API/UWI<br>3002543208                   | Surface Legal Location<br>20-26S-34E | Field Name<br>RATTLESNAKE (NM)  | Permit No.              | State/Province<br>NM                       | Well Configuration Type<br>VERTICAL               |
| Ground Elevation (MSL) (ft)<br>3,342.60 | Casing Flange Elevation (ft)         | KB - Ground Level (ft)<br>21.00 | KB - Casing Flange (ft) | Original Drig Spud Date<br>12/7/2016 09:00 | Original Drig Rig Release Date<br>1/23/2017 05:00 |

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## Zones

|                           |                              |                                 |                |                     |
|---------------------------|------------------------------|---------------------------------|----------------|---------------------|
| Zone Name<br>WOLFCAMP 100 | Top Depth (ftKB)<br>12,990.0 | Bottom Depth (ftKB)<br>13,000.0 | Current Status | Current Status Date |
| Zone Name<br>WOLFCAMP 200 | Top Depth (ftKB)<br>13,300.0 | Bottom Depth (ftKB)<br>13,400.0 | Current Status | Current Status Date |
| Zone Name<br>WOLFCAMP 300 | Top Depth (ftKB)<br>13,600.0 | Bottom Depth (ftKB)<br>13,750.0 | Current Status | Current Status Date |
| Zone Name<br>WOLFCAMP 400 | Top Depth (ftKB)<br>13,885.0 | Bottom Depth (ftKB)<br>14,019.0 | Current Status | Current Status Date |

## Stimulation Intervals

| Type       | Start Date | Vol Clean Total (bbl) | Proppant In Formation (lb) | Top (ftKB) | Btm (ftKB) | Zone             |
|------------|------------|-----------------------|----------------------------|------------|------------|------------------|
| SLICKWATER | 7/14/2017  | 4,250.00              | 182,660.0                  | 13,305.0   | 13,315.0   | WOLFCAMP 200, OH |
|            | 2/12/2017  | 29.00                 |                            | 13,884.0   | 13,886.0   | WOLFCAMP 400, OH |
|            | 3/15/2017  | 37.00                 |                            | 13,620.0   | 13,630.0   | WOLFCAMP 300, OH |
| SLICKWATER | 4/3/2017   | 4,250.00              |                            | 13,620.0   | 13,630.0   | WOLFCAMP 300, OH |
|            | 4/6/2017   | 27.00                 |                            | 13,305.0   | 13,315.0   | WOLFCAMP 200, OH |
| SLICKWATER | 7/14/2017  | 4,196.00              | 182,660.0                  | 12,990.0   | 13,000.0   | WOLFCAMP 100, OH |
| SLICKWATER | 7/20/2017  | 4,751.00              | 184,240.0                  | 12,760.0   | 12,770.0   | WOLFCAMP 100, OH |

## &lt;des&gt; set at &lt;depth&gt;ftKB on &lt;dtmrun&gt;

| Tubing Description | Run Date |         | String Length (ft) |       |          | Set Depth / EOT (ftKB) |            |
|--------------------|----------|---------|--------------------|-------|----------|------------------------|------------|
| Item Des           | Jts      | OD (in) | Wt (lb/ft)         | Grade | Len (ft) | Top (ftKB)             | Btm (ftKB) |
|                    |          |         |                    |       |          |                        |            |

## &lt;des&gt; on &lt;dtmrun&gt;

| Rod Description | Run Date |         |       | String Length (ft) |           |          | Set Depth (ftKB) |            |
|-----------------|----------|---------|-------|--------------------|-----------|----------|------------------|------------|
| Item Des        | Jts      | OD (in) | Grade | Cond Run           | Cond Pull | Len (ft) | Top (ftKB)       | Btm (ftKB) |
|                 |          |         |       |                    |           |          |                  |            |

## Other In Hole

| Des                     | Run Date  | Pull Date | OD (in) | ID (in) | Top (ftKB) | Btm (ftKB) |
|-------------------------|-----------|-----------|---------|---------|------------|------------|
| BRIDGE PLUG - COMPOSITE | 9/3/2017  |           | 4.892   |         | 12,560.0   | 12,562.0   |
| BRIDGE PLUG - COMPOSITE | 7/22/2017 |           | 4.892   |         | 12,735.0   | 12,737.0   |
| BRIDGE PLUG - COMPOSITE | 7/15/2017 |           | 4.892   |         | 12,950.0   | 12,952.0   |
| BRIDGE PLUG - COMPOSITE | 5/21/2017 |           | 4.892   | 0.00    | 13,290.0   | 13,562.0   |
| BRIDGE PLUG - COMPOSITE | 4/6/2017  |           | 4.892   | 0.00    | 13,560.0   | 13,562.0   |
| BRIDGE PLUG - COMPOSITE | 4/6/2017  |           | 4.892   | 0.00    | 13,610.0   | 13,612.0   |
| BRIDGE PLUG - COMPOSITE | 3/14/2017 |           | 4.892   | 0.00    | 13,874.0   | 13,876.0   |

## Production Failures

| Failure Date | Failure Des | Fail Type | Cause | Total Est. Cost (Cost) |
|--------------|-------------|-----------|-------|------------------------|
|--------------|-------------|-----------|-------|------------------------|

## Jobs

| Job Cat             | Job Subtype | Job Start  | Job End    | Total Fid Est (Cost) |
|---------------------|-------------|------------|------------|----------------------|
| DRILLING/COMPLETION | ORIGINAL    | 10/28/2016 | 11/18/2016 | \$152,649            |
| DRILLING/COMPLETION | ORIGINAL    | 12/2/2016  | 1/23/2017  | \$4,629,923          |
| DRILLING/COMPLETION | ORIGINAL    | 1/26/2017  |            | \$1,330,665          |

## Production Tests &amp; Emissions

| Date | Q Oil (bbl/day) | Rate Gas (MCF/day) | Q Water (bbl/day) | Tub Pres (psi) | Cas Pres (psi) |
|------|-----------------|--------------------|-------------------|----------------|----------------|
|------|-----------------|--------------------|-------------------|----------------|----------------|

## Production Settings

| Method | Method Detail | Start Date | End Date |
|--------|---------------|------------|----------|
|--------|---------------|------------|----------|

## Schematic-data clean up

|                                         |                                      |                                 |                         |                                            |                                                   |
|-----------------------------------------|--------------------------------------|---------------------------------|-------------------------|--------------------------------------------|---------------------------------------------------|
| API/UWI<br>3002543208                   | Surface Legal Location<br>20-26S-34E | Field Name<br>RATTLESNAKE (NM)  | Permit No.              | State/Province<br>NM                       | Well Configuration Type<br>VERTICAL               |
| Ground Elevation (MSL) (ft)<br>3,342.60 | Casing Flange Elevation (ft)         | KB - Ground Level (ft)<br>21.00 | KB - Casing Flange (ft) | Original Drig Spud Date<br>12/7/2016 09:00 | Original Drig Rig Release Date<br>1/23/2017 05:00 |

