



U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

# Well Completion Print Report

03/15/2022

|   |  |                            |                                     |
|---|--|----------------------------|-------------------------------------|
| <b>Operator Name</b><br>LONGFELLOW ENERGY<br>LP<br>SHL NESE Sec 13 17S<br>28E | <b>Well Name</b> OZZY<br>FEDERAL COM 18C | <b>Well Number</b> 002H    | <b>US Well Number</b> 3001548311    |
| <b>Well Type</b> OIL WELL   | <b>County</b> EDDY                       | <b>State</b> NM            | <b>Lease Number(s)</b><br>NMNM14847 |
|   | <b>Well Status</b> Drilling Well         | <b>Agreement Name</b>      | <b>Agreement Number(s)</b>          |
| <b>Allottee/Tribe Name</b>  | <b>Well Pad Name</b> Ozzy<br>Federal     | <b>Well Pad Number</b> 18C | <b>ID</b> 10400061872               |

## Section 1 - General

**Well Completion Report Id:** 82163**Submission Date:** N/A until DB Work**BLM Office:** Carlsbad Field Office**User:** DAVID CAIN**Title:** Engineering Technologist &**Federal/Indian:** FEDERAL**Lease Number:** NMNM14847**Lease Acres:****Agreement in place?:** NO**Federal or Indian Agreement:****Agreement Number:****Agreement Name:****Keep this Well Completion Report confidential?:** YES**APD Operator:** LONGFELLOW ENERGY  
LP

## Section 2 - Well Information

**Field/Pool or Exploratory:** Field/Pool**Pool Name:** GLORIETA YESO**Field Name:** EMPIRE**Well Type:** OIL WELL**Spud Date:** 08-27-2021**Date Total Measured Depth Reached:** 09-06-2021**Drill & Abandon or Ready To Produce:** READY TO PRODUCE**Well Class:** HORIZONTAL

## Section 3 - Geologic Formations

| Formation Name | Lithology | Describe Lithology | Elevation | TVD  | MD   | Mineral Resources | Describe Mineral Resources |
|----------------|-----------|--------------------|-----------|------|------|-------------------|----------------------------|
| QUEEN          | SANDSTONE |                    | 2045      | 1671 | 1676 | NONE              |                            |
| GRAYBURG       | DOLOMITE  |                    | 1569      | 2147 | 2153 | NATURAL GAS, OIL  |                            |

|   |  |                            |                                     |
|---|--|----------------------------|-------------------------------------|
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| <b>Well Type</b> OIL WELL   | <b>Well Status</b> Drilling Well         | <b>Agreement Name</b>      | <b>Agreement Number(s)</b>          |
| <b>Allottee/Tribe Name</b>  | <b>Well Pad Name</b> Ozzy<br>Federal     | <b>Well Pad Number</b> 18C | <b>ID</b> 10400061872               |

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|----------------|-----------|--------------------|-----------|------|------|-------------------|----------------------------|
| SAN ANDRES     | DOLOMITE  |                    | 1346      | 2370 | 2378 | NATURAL GAS, OIL  |                            |
| GLORIETA       | SANDSTONE |                    | -34       | 3750 | 3763 | NATURAL GAS, OIL  |                            |
| PADDOCK        | DOLOMITE  |                    | -74       | 3790 | 3803 | NATURAL GAS, OIL  |                            |
| BLINEBRY       | DOLOMITE  |                    | -496      | 4212 | 4243 | NATURAL GAS, OIL  |                            |

### Completion and Completed Intervals

#### Completion Data

| Wellbore Code | Completion Code | Interval Number | Case Number | Lease Number | Well Completion Type | Describe Well Completion Type | Completion Status | Date Completed | Date First Produced | Formation | Interval Top (MD) | Interval Bottom (MD) | Interval Perforated? | Perforation Size | Number of Holes | Status of Interval |
|---------------|-----------------|-----------------|-------------|--------------|----------------------|-------------------------------|-------------------|----------------|---------------------|-----------|-------------------|----------------------|----------------------|------------------|-----------------|--------------------|
| 00            | S1              | 1               | NMNM14847   | NMNM14847    | NEW                  |                               | POW               | 12-18-2021     | 12-11-2021          | YESO      | 4878              | 9523                 | Y                    | .42              | 786             | OPEN               |

#### Treatment Data

| Wellbore Code | Completion Code | Interval Number | Interval Treated? | Treatment Type | Tottle Fluid (bbls) | Total Proppant (lbs) | Treatment Remarks |
|---------------|-----------------|-----------------|-------------------|----------------|---------------------|----------------------|-------------------|
| 00            | S1              | 1               | Y                 | FRAC           | 297718              | 4972212              |                   |

|   |  |                            |                                     |
|---|--|----------------------------|-------------------------------------|
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| <b>Allottee/Tribe Name</b>  | <b>Well Pad Name</b> Ozzy<br>Federal     | <b>Well Pad Number</b> 18C | <b>ID</b> 10400061872               |

### Production Data

| Wellbore Code | Completion Code | Interval Number | API Oil Gravity | Gas Gravity | Production Method            | Describe Production | Disposition of Gas | Describe Disposition |
|---------------|-----------------|-----------------|-----------------|-------------|------------------------------|---------------------|--------------------|----------------------|
| 00            | S1              | 1               | 39.3            | .8241       | ELECTRIC PUMP<br>SUB-SURFACE |                     | SOLD               |                      |

### Test Data

| Wellbore Code | Completion Code | Interval Number | Test Date      | Hours Tested | 24-Hour Rate Oil (bbls) | 24-Hour Rate Gas (MCF) | 24-Hour Rate Water(BWPD) | Gas-Oil Ratio (SCF/Bbl) | Choke Size | Tubing Pressure | Tubing Pressure Shut-In (psi) | Casing Pressure (psi) |
|---------------|-----------------|-----------------|----------------|--------------|-------------------------|------------------------|--------------------------|-------------------------|------------|-----------------|-------------------------------|-----------------------|
| 00            | S1              | 1               | 12/19/20<br>21 | 24           | 248                     | 231                    | 1826                     | 931                     | 64/64      | 270             |                               | 123                   |

### Well Location

Survey Type: RECTANGULAR

Survey Number: 12797

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: KB

| State | Meridian        | County                 | Latitude | Longitude      | Elevation (MSL)      | Lease Type | Lease Number | Plug TVD (ft) | Plug MD (ft) | Plug Type | NS-Foot | NS-Indicator | EW-Foot | EW-Indicator | Township | Range | Section | Aliquot/Lot/Tract |
|-------|-----------------|------------------------|----------|----------------|----------------------|------------|--------------|---------------|--------------|-----------|---------|--------------|---------|--------------|----------|-------|---------|-------------------|
| SHL   | NEW MEXICO<br>O | NEW MEXICO<br>PRINCIPA | EDDY     | 32.83301<br>82 | -<br>104.1238<br>846 | 3699       | STATE        | STATE         |              |           | 1615    | FSL          | 765     | FEL          | 17S      | 28E   | 13      | NESE              |

|   |  |                            |                                     |
|---|--|----------------------------|-------------------------------------|
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|                   | State      | Meridian             | County | Latitude   | Longitude    | Elevation (MSL) | Lease Type | Lease Number | Plug TVD (ft) | Plug MD (ft) | Plug Type | NS-Foot | NS-Indicator | EW-Foot | EW-Indicator | Township | Range | Section | Aliquot/Lot/Tract |
|-------------------|------------|----------------------|--------|------------|--------------|-----------------|------------|--------------|---------------|--------------|-----------|---------|--------------|---------|--------------|----------|-------|---------|-------------------|
|                   |            | L                    |        |            |              |                 |            |              |               |              |           |         |              |         |              |          |       |         |                   |
| KOP Well bore 00  | NEW MEXICO | NEW MEXICO PRINCIPAL | EDDY   | 32.8325568 | -104.1229556 | -329            | STATE      | STATE        |               |              |           | 1446    | FSL          | 479     | FEL          | 17S      | 29E   | 13      | NESE              |
| PPP Well bore 00  | NEW MEXICO | NEW MEXICO PRINCIPAL | EDDY   | 32.8325096 | -104.1226025 | -452            | STATE      | STATE        |               |              |           | 1429    | FSL          | 371     | FEL          | 17S      | 28E   | 13      | NESE              |
| PPP Well bore 00  | NEW MEXICO | NEW MEXICO PRINCIPAL | EDDY   | 32.832535  | -104.121386  | -849            | FEDERAL    | NMNM 14847   |               |              |           | 1886    | FSL          | 0       | FWL          | 17S      | 29E   | 18      | Lot 3             |
| PPP Well bore 00  | NEW MEXICO | NEW MEXICO PRINCIPAL | EDDY   | 32.83251   | -104.118498  | -875            | STATE      | STATE        |               |              |           | 1877    | FSL          | 889     | FWL          | 17S      | 29E   | 18      | NESW              |
| EXIT Well bore 00 | NEW MEXICO | NEW MEXICO PRINCIPAL | EDDY   | 32.832491  | -104.105912  | -938            | STATE      | STATE        |               |              |           | 1869    | FSL          | 91      | FEL          | 17S      | 29E   | 18      | NESE              |
| BHL Well bore 00  | NEW MEXICO | NEW MEXICO PRINCIPAL | EDDY   | 32.832491  | -104.105912  | -938            | STATE      | STATE        |               |              |           | 1869    | FSL          | 91      | FEL          | 17S      | 29E   | 18      | NESE              |

**Casing, Liner and Tubing**

|   |  |                            |                                     |
|---|--|----------------------------|-------------------------------------|
| <b>Operator Name</b><br>LONGFELLOW ENERGY<br>LP<br>SHL NESE Sec 13 17S<br>28E | <b>Well Name</b> OZZY<br>FEDERAL COM 18C | <b>Well Number</b> 002H    | <b>US Well Number</b> 3001548311    |
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| <b>Well Type</b> OIL WELL   | <b>Well Status</b> Drilling Well         | <b>Agreement Name</b>      | <b>Agreement Number(s)</b>          |
| <b>Allottee/Tribe Name</b>  | <b>Well Pad Name</b> Ozzy<br>Federal     | <b>Well Pad Number</b> 18C | <b>ID</b> 10400061872               |

### Casing and Liner

| Wellbore Code | Casing String Type | Hole Size | Top Setting Depth (MD) | Bottom Setting Depth (MD) | Casing Size | Wt(lbs/ft) | Casing Grade | Describe Other Casing Grade | Joint | Other Joint | Amount Pulled (ft) |
|---------------|--------------------|-----------|------------------------|---------------------------|-------------|------------|--------------|-----------------------------|-------|-------------|--------------------|
| 00            | SURFACE            | 17.5      | 0                      | 355                       | 13.375      | 54.5       | J-55         |                             | ST&C  |             |                    |
| 00            | INTERMEDIATE       | 12.25     | 0                      | 1238                      | 9.625       | 36         | J-55         |                             | LT&C  |             |                    |
| 00            | PRODUCT ION        | 8.75      | 0                      | 3888                      | 7.0         | 32         | L-80         |                             | BUTT  |             |                    |
| 00            | PRODUCT ION        | 8.75      | 3888                   | 9534                      | 5.5         | 20         | L-80         |                             | BUTT  |             |                    |

### Cementing

| Wellbore Code | Casing String Type | Stage Tool Depth | Cement Lead Type | Cement Lead Qty (sks) | Cement Lead Yield (cu.ft/sks) | Cement Lead Top (MD) | Cement Tail Type | Cement Tail Qty (sks) | Cement Tail Yield(cu.ft/sks) | Cement Tail Top (MD) | Total (Lead + Tail) Cement Slurry Volume (bbls) |
|---------------|--------------------|------------------|------------------|-----------------------|-------------------------------|----------------------|------------------|-----------------------|------------------------------|----------------------|---|
| 00            | SURFACE            |                  | Class C          | 485                   | 1.34                          | 0                    |                  |                       |                              |                      | 115.7   |
| 00            | INTERMEDIATE       |                  | Class C          | 445                   | 1.74                          | 0                    | Class C          | 165                   | 1.34                         | 0                    | 177.3   |
| 00            | PRODUCT ION        |                  | 25/75 Poz C      | 295                   | 2.16                          | 0                    | Class C          | 1640                  | 1.33                         | 0                    | 502   |

### Tubing

| Wellbore Code | Tubing Size | Describe Other | Tubing Setting Depth (MD/ft) | Packer Depth (MD/ft) | Tubing Weight | Tubing Grade | Describe Other | Tubing Coupling | Describe Other |
|---------------|-------------|----------------|------------------------------|----------------------|---------------|--------------|----------------|-----------------|----------------|
|---------------|-------------|----------------|------------------------------|----------------------|---------------|--------------|----------------|-----------------|----------------|

|   |  |                            |                                     |
|---|--|----------------------------|-------------------------------------|
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| <b>Allottee/Tribe Name</b>  | <b>Well Pad Name</b> Ozzy<br>Federal     | <b>Well Pad Number</b> 18C | <b>ID</b> 10400061872               |

### Tubing

| Wellbore Code | Tubing Size | Describe Other | Tubing Setting Depth (MD/ft) | Packer Depth (MD/ft) | Tubing Weight | Tubing Grade | Describe Other | Tubing Coupling | Describe Other |
|---------------|-------------|----------------|------------------------------|----------------------|---------------|--------------|----------------|-----------------|----------------|
| 00            | 2.875       |                | 3734                         | 3897                 | 6             | J-55         |                |                 |                |

### Logs

| Wellbore Code | Log Upload | Was Well Cored? | Was DST Run? | Directional Survey? | Geologic Report Completed? | Wellbore Diagram |
|---------------|------------|-----------------|--------------|---------------------|----------------------------|------------------|
| 00            | YES        | NO              | NO           | YES                 | NO                         | YES              |

|   |  |  |   |
|---|--|--|---|
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### Operator Certification

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. 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 any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

**Name:** LONGFELLOW ENERGY LP

**Signed By:** DAVID CAIN

**Title:** Engineering Technologist & Regulatory Specialist **Signed on:** 03/04/2022

**Street Address:** 16803 DALLAS PARKWAY

**City:** ADDISON

**State:** TX

**Zip:** 75001

**Phone:** (214)265-4715

**Email address:** DAVID.CAIN@LONGFELLOWENERGY.COM

### Field Representative

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Extension:**

**Email address:**

### Attachments

MAINLOG\_20220304154739.pdf

Ozzy\_Federal\_Com\_18C\_2H\_FINAL\_SURVEY\_20220304154805.pdf

Ozzy\_Federal\_18\_C\_2H\_WBD\_1\_19\_22\_20220304154837.pdf

OZZY\_FEDERAL\_COM\_18C\_002H\_AS\_DRILLED\_Certified\_signed\_20220304154946.pdf

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

ACKNOWLEDGMENTS  
  
Action 96995

ACKNOWLEDGMENTS

|   |   |
|---|---|
| Operator:<br>LONGFELLOW ENERGY, LP<br>8115 Preston Road<br>Dallas, TX 75225 | OGRID:<br>372210                                    |
|   | Action Number:<br>96995                             |
|   | Action Type:<br>[C-105] Well (Re)Completion (C-105) |

ACKNOWLEDGMENTS

|                                     |  |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.     |
| <input checked="" type="checkbox"/> | I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion. |



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
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Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 96995

CONDITIONS

|   |   |
|---|---|
| Operator:<br>LONGFELLOW ENERGY, LP<br>8115 Preston Road<br>Dallas, TX 75225 | OGRID:<br>372210                                    |
|   | Action Number:<br>96995                             |
|   | Action Type:<br>[C-105] Well (Re)Completion (C-105) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| plmartinez | None      | 6/16/2022      |