



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

# Well Completion Print Report

08/30/2021

|  |   |   |   |
|--|---|---|---|
| <b>Operator Name</b> EOG RESOURCES INCORPORATED<br>SHL NESE Sec 24 25S 32E | <b>Well Name</b> VALIANT 24 FED COM     | <b>Well Number</b> 511H                         | <b>US Well Number</b> 3002547989                        |
| <b>Well Type</b> OIL WELL  | <b>County</b> LEA                       | <b>State</b> NM                                 | <b>Lease Number(s)</b> NMNM015317, NMNM15317, NMNM15317 |
|  | <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> VALIANT 24 FED COM | <b>Well Pad Number</b> 506H-511H-709H-710H-725H | <b>ID</b> 10400058911                                   |

## Section 1 - General

|   |   |                                     |
|---|---|-------------------------------------|
| <b>Well Completion Report Id:</b> 72909                   | <b>Submission Date:</b> N/A until DB Work |                                     |
| <b>BLM Office:</b> Carlsbad Field Office                  | <b>User:</b> KAY MADDIX                   | <b>Title:</b> Regulatory Specialist |
| <b>Federal/Indian:</b> FEDERAL                            | <b>Lease Number:</b> NMNM015317           | <b>Lease Acres:</b>                 |
| <b>Agreement in place?:</b> NO                            | <b>Federal or Indian Agreement:</b>       |                                     |
| <b>Agreement Number:</b>                                  | <b>Agreement Name:</b>                    |                                     |
| <b>Keep this Well Completion Report confidential?:</b> NO |   |                                     |
| <b>APD Operator:</b> EOG RESOURCES INCORPORATED           |   |                                     |

## Section 2 - Well Information

|  |                                       |                                      |
|--|---------------------------------------|--------------------------------------|
| <b>Field/Pool or Exploratory:</b> Field/Pool                     | <b>Pool Name:</b> WC025 G08 S253235G; | <b>Field Name:</b> BOBCAT DRAW;UPPER |
| <b>Well Type:</b> OIL WELL                                       |                                       |                                      |
| <b>Spud Date:</b> 12-08-2020                                     |                                       |                                      |
| <b>Date Total Measured Depth Reached:</b> 01-20-2021             |                                       |                                      |
| <b>Drill &amp; Abandon or Ready To Produce:</b> READY TO PRODUCE |                                       |                                      |
| <b>Well Class:</b> HORIZONTAL                                    |                                       |                                      |

## Section 3 - Geologic Formations

| Formation Name | Lithology | Describe Lithology | Elevation | TVD | MD  | Mineral Resources | Describe Mineral Resources |
|----------------|-----------|--------------------|-----------|-----|-----|-------------------|----------------------------|
| PERMIAN        | ANHYDRITE |                    | 3462      | 0   | 0   | NONE              |                            |
| RUSTLER        | ANHYDRITE |                    | 2599      | 863 | 863 | NONE              |                            |

|   |  |   |   |
|---|--|---|---|
| <b>Operator Name</b> EOG<br>RESOURCES<br>INCORPORATED<br>SHL NESE Sec 24 25S<br>32E | <b>Well Name</b> VALIANT 24<br>FED COM     | <b>Well Number</b> 511H                             | <b>US Well Number</b> 3002547989                              |
|   | <b>County</b> LEA                          | <b>State</b> NM                                     | <b>Lease Number(s)</b><br>NMNM015317, NMNM15317,<br>NMNM15317 |
| <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> VALIANT<br>24 FED COM | <b>Well Pad Number</b> 506H-<br>511H-709H-710H-725H | <b>ID</b> 10400058911   |

### Section 3 - Geologic Formations

| Formation Name         | Lithology | Describe Lithology | Elevation | TVD   | MD    | Mineral Resources | Describe Mineral Resources |
|------------------------|-----------|--------------------|-----------|-------|-------|-------------------|----------------------------|
| TOP SALT               | SALT      |                    | 2265      | 1197  | 1197  | NONE              |                            |
| BASE OF SALT           | SALT      |                    | -1208     | 4670  | 4670  | NONE              |                            |
| LAMAR                  | LIMESTONE |                    | -1427     | 4889  | 4889  | NONE              |                            |
| BELL CANYON            | SANDSTONE |                    | -1453     | 4915  | 4915  | NATURAL GAS, OIL  |                            |
| CHERRY CANYON          | SANDSTONE |                    | -2434     | 5896  | 5896  | NATURAL GAS, OIL  |                            |
| BRUSHY CANYON          | SANDSTONE |                    | -3973     | 7435  | 7435  | NATURAL GAS, OIL  |                            |
| BONE SPRING LIME       | LIMESTONE |                    | -5543     | 9005  | 9005  | NONE              |                            |
| AVALON SAND            | SHALE     |                    | -5625     | 9087  | 9087  | NATURAL GAS, OIL  |                            |
| FIRST BONE SPRING SAND | SANDSTONE |                    | -6565     | 10027 | 10027 | NATURAL GAS, OIL  |                            |
| BONE SPRING 2ND        | SANDSTONE |                    | -7101     | 10563 | 10563 | 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 |
|---------------|-----------------|-----------------|-------------|--------------|----------------------|-------------------------------|-------------------|----------------|---------------------|-----------|-------------------|----------------------|----------------------|------------------|-----------------|--------------------|
|---------------|-----------------|-----------------|-------------|--------------|----------------------|-------------------------------|-------------------|----------------|---------------------|-----------|-------------------|----------------------|----------------------|------------------|-----------------|--------------------|

|   |  |   |   |
|---|--|---|---|
| <b>Operator Name</b> EOG<br>RESOURCES<br>INCORPORATED<br>SHL NESE Sec 24 25S<br>32E | <b>Well Name</b> VALIANT 24<br>FED COM     | <b>Well Number</b> 511H                             | <b>US Well Number</b> 3002547989                              |
|   | <b>County</b> LEA                          | <b>State</b> NM                                     | <b>Lease Number(s)</b><br>NMNM015317, NMNM15317,<br>NMNM15317 |
| <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> VALIANT<br>24 FED COM | <b>Well Pad Number</b> 506H-<br>511H-709H-710H-725H | <b>ID</b> 10400058911   |

### 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            | X1              | 1               | NMNM15317   | NMNM15317    | NEW                  |                               | POW               | 04-30-2021     | 04-29-2021          | BONE SPRING | 10725             | 18046                | Y                    | 3.125            | 1560            | OPEN               |

### Treatment Data

| Wellbore Code | Completion Code | Interval Number | Interval Treated? | Treatment Type | Tottle Fluid (bbls) | Total Proppant (lbs) | Treatment Remarks                     |
|---------------|-----------------|-----------------|-------------------|----------------|---------------------|----------------------|---------------------------------------|
| 00            | X1              | 1               | Y                 | ACID FRAC      | 286694              | 1793289              | space above not large enough 17932890 |

### Production Data

| Wellbore Code | Completion Code | Interval Number | API Oil Gravity | Gas Gravity | Production Method | Describe Production | Disposition of Gas | Describe Disposition |
|---------------|-----------------|-----------------|-----------------|-------------|-------------------|---------------------|--------------------|----------------------|
| 00            | X1              | 1               | 48              |             | FLows FROM WELL   |                     | SOLD               |                      |

|   |  |   |   |
|---|--|---|---|
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| <b>Allottee/Tribe Name</b>  | <b>Well Pad Name</b> VALIANT<br>24 FED COM | <b>Well Pad Number</b> 506H-<br>511H-709H-710H-725H | <b>ID</b> 10400058911   |

### 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            | X1              | 1               | 05/08/2021 | 24           | 2457                    | 3344                   | 6928                     | 1361                    |            |                 |                               | 703                   |

### Well Location

Survey Type: RECTANGULAR

Survey Number:

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 | NEW MEXICO PRINCIPAL | LEA      | 32.1136897 | -103.6218887    | 3462       | FEDERAL      | NMNM015317    |              |           | 1773    | FSL          | 615     | FEL          | 25S      | 32E   | 24      | NESE              |
| KOP Wellbore 00  | NEW MEXICO | NEW MEXICO PRINCIPAL | LEA      | 32.1155626 | -103.6225431    | -6625      | FEDERAL      | NMNM015317    |              |           | 2455    | FSL          | 816     | FEL          | 25S      | 32E   | 24      | NESE              |
| PPP Wellbore 00  | NEW MEXICO | NEW MEXICO PRINCIPAL | LEA      | 32.1147413 | -103.6225404    | -7105      | FEDERAL      | NMNM015317    |              |           | 2157    | FSL          | 816     | FEL          | 25S      | 32E   | 24      | NESE              |
| EXIT Wellbore 00 | NEW MEXICO | NEW MEXICO PRINCIPAL | LEA      | 32.0946683 | -103.6227019    | -7197      | FEDERAL      | NMNM110836    |              |           | 134     | FSL          | 862     | FEL          | 25S      | 32E   | 25      | SESE              |
| BHL Wellbore 00  | NEW MEXICO | NEW MEXICO PRINCIPAL | EDDY     | 32.0945969 | -103.6227031    | -7197      | FEDERAL      | NMNM110836    |              |           | 108     | FSL          | 862     | FEL          | 25S      | 32E   | 25      | SESE              |

|   |  |   |   |
|---|--|---|---|
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### Casing, Liner and Tubing

#### 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                      | 995                       | 13.375      | 54.5       | J-55         |                             | ST&C  |             |                    |
| 00            | INTERMEDIATE       | 12.25     | 0                      | 4845                      | 9.625       | 40         | J-55         |                             | LT&C  |             |                    |
| 00            | PRODUCTION         | 8.5       | 0                      | 18056                     | 5.5         | 20         | HCP-110      |                             | LT&C  |             |                    |

#### 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          | 675                   | 1.6                           | 0                    | Class C          | 225                   | 1.33                         | 0                    | 245.6   |
| 00            | INTERMEDIATE       |                  | Class C          | 1050                  | 2.11                          | 0                    | Class C          | 290                   | 1.42                         | 0                    | 467.9   |
| 00            | PRODUCTION         |                  | CL H             | 530                   | 3.51                          | 0                    | CL C             | 1345                  | 1.19                         | 3870                 | 616.4   |

|   |  |   |   |
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### Tubing

| Wellbore<br>Code | Tubing<br>Size | Describe<br>Other | Tubing<br>Setting Depth<br>(MD/ft) | Packer Depth<br>(MD/ft) | Tubing<br>Weight | Tubing Grade | Describe<br>Other | Tubing<br>Coupling | Describe<br>Other |
|------------------|----------------|-------------------|------------------------------------|-------------------------|------------------|--------------|-------------------|--------------------|-------------------|
| 00               |                |                   |                                    |                         |                  |              |                   |                    |                   |

### Logs

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

|   |  |   |   |
|---|--|---|---|
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|   | <b>Well Pad Name</b> VALIANT<br>24 FED COM | <b>Well Pad Number</b> 506H-<br>511H-709H-710H-725H | <b>ID</b> 10400058911   |

### 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:** EOG RESOURCES INCORPORATED

**Signed By:** KAY MADDOX

**Title:** Regulatory Specialist

**Signed on:** 05/19/2021

**Street Address:** 5509 CHAMPIONS DR.

**City:** MIDLAND

**State:** TX

**Zip:** 79706

**Phone:** (432)638-8475

**Email address:** KAY\_MADDOX@EOGRESOURCES.COM

### Field Representative

**Representative Name:** KAY MADDOX

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:** (432)638-8475

**Extension:**

**Email address:**

### Attachments

Final\_Valiant\_24\_Fed\_Com\_511H\_5\_MD\_20210519094039.tiff

Valiant\_24\_Fed\_Com\_511H\_Final\_OH\_Surveys\_20210519094053.pdf

Valiant\_24\_Fed\_Com\_511H\_Final\_PVA\_20210519094104.pdf

C\_102\_VALIANT\_24\_FEDERAL\_COM\_511H\_20210519094115.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 45309

**ACKNOWLEDGMENTS**

|  |   |
|--|---|
| Operator:<br>EOG RESOURCES INC<br>P.O. Box 2267<br>Midland, TX 79702 | OGRID:<br>7377                                      |
|  | Action Number:<br>45309                             |
|  | 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**  
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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 45309

CONDITIONS

|  |   |
|--|---|
| Operator:<br>EOG RESOURCES INC<br>P.O. Box 2267<br>Midland, TX 79702 | OGRID:<br>7377                                      |
|  | Action Number:<br>45309                             |
|  | Action Type:<br>[C-105] Well (Re)Completion (C-105) |

CONDITIONS

|            |   |                |
|------------|---|----------------|
| Created By | Condition                                 | Condition Date |
| plmartinez | Submit production drilling/casing sundry. | 9/2/2021       |