



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

# Well Completion Print Report

11/03/2021

|  |   |                           |   |
|--|---|---------------------------|---|
| <b>Operator Name</b> OXY USA<br>INCORPORATED | <b>Well Name</b> PRECIOUS 30-<br>18 FEDERAL COM       | <b>Well Number</b> 4H     | <b>US Well Number</b> 3001546464                              |
| <b>SHL NWNE Sec 31 23S<br/>31E</b>           | <b>County</b> EDDY                                    | <b>State</b> NM           | <b>Lease Number(s)</b><br>NMNM021640, NMNM21640,<br>NMNM21640 |
| <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><br>PRECIOUS 30-18<br>FEDERAL COM | <b>Well Pad Number</b> 3H | <b>ID</b> 10400038281   |

## Section 1 - General

|   |   |                                      |
|---|---|--------------------------------------|
| <b>Well Completion Report Id:</b> 73609                   | <b>Submission Date:</b> N/A until DB Work |                                      |
| <b>BLM Office:</b> Carlsbad Field Office                  | <b>User:</b> JANA MENDIOLA                | <b>Title:</b> Regulatory Coordinator |
| <b>Federal/Indian:</b> FEDERAL                            | <b>Lease Number:</b> NMNM021640           | <b>Lease Acres:</b> 323.59           |
| <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> OXY USA<br>INCORPORATED              |   |                                      |

## Section 2 - Well Information

|  |  |                                |
|--|--|--------------------------------|
| <b>Field/Pool or Exploratory:</b> Field/Pool                     | <b>Pool Name:</b> Ingle Wells; Bone Spring | <b>Field Name:</b> PURPLE SAGE |
| <b>Well Type:</b> OIL WELL                                       |  |                                |
| <b>Spud Date:</b> 01-20-2020                                     |  |                                |
| <b>Date Total Measured Depth Reached:</b> 01-17-2021             |  |                                |
| <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 |
|----------------|--|--------------------|-----------|-----|-----|-------------------|----------------------------|
| RUSTLER        | ANHYDRITE,<br>DOLOMITE, SHALE            |                    | 3347      | 340 | 340 | USEABLE WATER     |                            |
| SALADO         | ANHYDRITE,<br>DOLOMITE, HALITE,<br>SHALE |                    | 2638      | 709 | 709 | OTHER             | SALT                       |

|  |   |                           |   |
|--|---|---------------------------|---|
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| <b>SHL NWNE</b> Sec 31 23S<br>31E            | <b>County</b> EDDY                                    | <b>State</b> NM           | <b>Lease Number(s)</b><br>NMNM021640, NMNM21640,<br>NMNM21640 |
| <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><br>PRECIOUS 30-18<br>FEDERAL COM | <b>Well Pad Number</b> 3H | <b>ID</b> 10400038281   |

### Section 3 - Geologic Formations

| Formation Name  | Lithology                             | Describe Lithology | Elevation | TVD  | MD   | Mineral Resources                            | Describe Mineral Resources |
|-----------------|---------------------------------------|--------------------|-----------|------|------|--|----------------------------|
| CASTILE         | ANHYDRITE                             |                    | 836       | 2511 | 2511 | OTHER  | salt                       |
| LAMAR           | LIMESTONE,<br>SANDSTONE,<br>SILTSTONE |                    | -694      | 4041 | 4041 | NATURAL GAS, OIL,<br>OTHER                   | BRINE                      |
| BELL CANYON     | SANDSTONE,<br>SILTSTONE               |                    | -727      | 4074 | 4074 | NATURAL GAS, OIL,<br>OTHER, USEABLE<br>WATER | BRINE                      |
| CHERRY CANYON   | SANDSTONE,<br>SILTSTONE               |                    | -1653     | 5000 | 5000 | NATURAL GAS, OIL,<br>OTHER                   | BRINE                      |
| BRUSHY CANYON   | LIMESTONE,<br>SANDSTONE,<br>SILTSTONE |                    | -2919     | 6266 | 6266 | NATURAL GAS, OIL,<br>OTHER                   | BRINE                      |
| BONE SPRING     | LIMESTONE,<br>SANDSTONE,<br>SILTSTONE |                    | -4583     | 7930 | 7950 | NATURAL GAS, OIL                             |                            |
| BONE SPRING 1ST | LIMESTONE,<br>SANDSTONE,<br>SILTSTONE |                    | -5618     | 8965 | 9018 | NATURAL GAS, OIL                             |                            |
| BONE SPRING 2ND | LIMESTONE,<br>SANDSTONE,<br>SILTSTONE |                    | -6299     | 9646 | 9782 | 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            | X1              | 1               | NMNM21640   | NMNM21640    | NEW                  |                               | POW               | 04-13-2021     | 04-13-2021          | BONE SPRING 2ND | 10055             | 22980                | Y                    | .37              | 1248            | OPEN               |

|  |   |                           |   |
|--|---|---------------------------|---|
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| <b>SHL NWNE</b> Sec 31 23S<br>31E            | <b>County</b> EDDY                                    | <b>State</b> NM           | <b>Lease Number(s)</b><br>NMNM021640, NMNM21640,<br>NMNM21640 |
| <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><br>PRECIOUS 30-18<br>FEDERAL COM | <b>Well Pad Number</b> 3H | <b>ID</b> 10400038281   |

### Treatment Data

| Wellbore Code | Completion Code | Interval Number | Interval Treated? | Treatment Type | Total Fluid (bbls) | Total Proppant (lbs) | Treatment Remarks   |
|---------------|-----------------|-----------------|-------------------|----------------|--------------------|----------------------|---|
| 00            | X1              | 1               | Y                 | FRAC           | 463272             | 3256598              | Frac in 52 stages w/ 450492BBL Produced Water + 12780BBL Fresh Water w/ 32565980# sand, RD Schlumberger 03/27/21.<br><br>Date First Produced: 4/13/21 |

### 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               |                 |             | FLows FROM WELL   |                     | 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 Shut-In (psi) | Casing Pressure (psi) |
|---------------|-----------------|-----------------|-----------|--------------|-------------------------|------------------------|--------------------------|-------------------------|------------|-------------------------------|-----------------------|
| 00            | X1              | 1               |           |              |                         |                        |                          |                         |            |                               |                       |

|  |   |                           |   |
|--|---|---------------------------|---|
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### Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum:

|                   | 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 | Aliquo/Lot/Tract |
|-------------------|------------|----------------------|--------|------------|--------------|-----------------|------------|--------------|---------------|--------------|-----------|---------|--------------|---------|--------------|----------|-------|---------|------------------|
| SHL               | NEW MEXICO | NEW MEXICO PRINCIPAL | EDDY   | 32.2666121 | -103.8167661 | 3347            | FEDERAL    | NMNM0546732A |               |              |           | 570     | FNL          | 2600    | FEL          | 23S      | 31E   | 31      | NWNE             |
| KOP Well bore 00  | NEW MEXICO | NEW MEXICO PRINCIPAL | EDDY   | 32.2678514 | -103.8151736 | -6089           | FEDERAL    | NMNM0546732A |               |              |           | 119     | FNL          | 2107    | FEL          | 23S      | 31E   | 31      | NWNE             |
| PPP Well bore 00  | NEW MEXICO | NEW MEXICO PRINCIPAL | EDDY   | 32.2686901 | -103.8147691 | -6477           | FEDERAL    | NMNM021640   |               |              |           | 186     | FSL          | 1982    | FEL          | 23S      | 31E   | 30      | SWSE             |
| EXIT Well bore 00 | NEW MEXICO | NEW MEXICO PRINCIPAL | EDDY   | 32.3041515 | -103.8148347 | -6489           | FEDERAL    | NMNM0546237  |               |              |           | 2527    | FSL          | 1992    | FEL          | 23S      | 31E   | 18      | NWSE             |
| BHL Well bore 00  | NEW MEXICO | NEW MEXICO PRINCIPAL | EDDY   | 32.3044154 | -103.8148381 | -6489           | FEDERAL    | NMNM0546237  |               |              |           | 2623    | FSL          | 1993    | FEL          | 23S      | 31E   | 18      | NWSE             |

|  |   |                           |   |
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| <b>Allottee/Tribe Name</b>                   | <b>Well Pad Name</b><br>PRECIOUS 30-18<br>FEDERAL COM | <b>Well Pad Number</b> 3H | <b>ID</b> 10400038281   |

### 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                      | 435                       | 13.375      | 54.5       | J-55         |                             | BUTT  |              |                    |
| 00            | INTERMEDIATE       | 12.25     | 0                      | 4222                      | 9.625       | 40         | HCL-80       |                             | BUTT  | DQX          |                    |
| 00            | PRODUCTION         | 8.5       | 0                      | 23056                     | 5.5         | 20         | P-110        |                             | OTHER | DQX/DQWT ORQ |                    |

#### 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            |                  | CI C             | 575                   | 1.36                          | 0                    |                  |                       |                              |                      | 139.3   |
| 00            | INTERMEDIATE       |                  | Pozzolan/C       | 1309                  | 1.66                          | 0                    | CI C             | 139                   | 1.33                         | 0                    | 419.9   |
| 00            | PRODUCTION         |                  | CI H             | 2800                  | 1.37                          | 6500                 | CLASS H          | 1110                  | 1.82                         | 0                    | 1043  |

#### 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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### Tubing

| Wellbore<br>Code | Tubing<br>Size | Describe<br>Other | Tubing<br>Setting<br>Depth<br>(MD/ft) | Packer<br>Depth<br>(MD/ft) | Tubing<br>Weight | Tubing<br>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                            | YES                 |

|   |   |                           |   |
|---|---|---------------------------|---|
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| <b>SHL</b> NWNE Sec 31 23S 31E            | <b>County</b> EDDY                              | <b>State</b> NM           | <b>Lease Number(s)</b> NMNM021640, NMNM21640, NMNM21640 |
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| <b>Allottee/Tribe Name</b>                | <b>Well Pad Name</b> PRECIOUS 30-18 FEDERAL COM | <b>Well Pad Number</b> 3H | <b>ID</b> 10400038281                                   |

### 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:** OXY USA INCORPORATED

**Signed By:** JANA MENDIOLA

**Title:** Regulatory Coordinator

**Signed on:** 05/28/2021

**Street Address:** PO BOX 50250

**City:** Midland

**State:** TX

**Zip:** 79710

**Phone:** (432)685-5936

**Email address:** Janalyn\_mendiola@oxy.com

### Field Representative

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Extension:**

**Email address:**

### Attachments

Precious30\_18FedCom4H\_GammaRay\_20210529204136.pdf

Precious30\_18FedCom4H\_AsDrilledC102\_20210529204157.pdf

Precious30\_18FedCom4H\_FinalDirectionalSurvey\_20210529204211.pdf

Precious30\_18FedCom4H\_WBD\_20210529204300.pdf

**From:** blm-afmss-notifications@blm.gov <blm-afmss-notifications@blm.gov>

**Sent:** Tuesday, September 21, 2021 10:04 PM

**To:** Mendiola, Jana Lyn A <Janalyn\_Mendiola@oxy.com>

**Subject:** [EXTERNAL] Well Name: PRECIOUS 30-18 FEDERAL COM, Well Number: 4H, Notification of Well Completion Acceptance

**WARNING - This message is from an EXTERNAL SENDER - be CAUTIOUS, particularly with links and attachments.**

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The Bureau of Land Management

## Notice of Acceptance for Well Completion Report

- Operator Name: **OXY USA INCORPORATED**
- Well Name: **PRECIOUS 30-18 FEDERAL COM**
- Well Number: **4H**
- US Well Number: **3001546464**
- Well Completion Report Id: **WCR2021092173609**

This notification is automatically generated. Please do not reply to this message as this account is not monitored.



**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 62303

**ACKNOWLEDGMENTS**

|  |   |
|--|---|
| Operator:<br>OXY USA INC<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>16696                                     |
|  | Action Number:<br>62303                             |
|  | 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  
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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 62303

CONDITIONS

|  |   |
|--|---|
| Operator:<br>OXY USA INC<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>16696                                     |
|  | Action Number:<br>62303                             |
|  | Action Type:<br>[C-105] Well (Re)Completion (C-105) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| plmartinez | None      | 10/11/2022     |