

State of New Mexico  
Energy, Minerals and Natural Resources

Office  
District I – (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II – (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III – (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV – (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.

**30-043-21161**

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil &amp; Gas Lease No.

**V09210**

7. Lease Name or Unit Agreement Name

**LYBROOK 2206-16I**8. Well Number **224H**

9. OGRID Number

**372286**

10. Pool name or Wildcat

**Lybrook Gallup**

## SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Enduring Resources IV LLC

3. Address of Operator

200 Energy Court Farmington NM 87401

4. Well Location

Unit Letter I : 1458' feet from the S line and 290' feet from the E lineSection: 16 Township: 22N Range: 6W NMPM County: Sandoval

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

**7194' GR**

## 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

## NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

OTHER: ☐

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Enduring Resources performed a workover for a tubing reconfiguration and wellbore cleanout. An updated wellbore schematic is attached.

EOT: 5,932' MD  
Packer Top: 5,673' MD  
GLVs: 5,627' MD  
Orifice Valve: None  
Job Start: 7/3/2024  
Job End: 7/10/2024

Spud Date: 8/9/13

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Heather Huntington TITLE Permitting Technician DATE 7/19/24Type or print name Heather Huntington E-mail address: [hhuntington@enduringresources.com](mailto:hhuntington@enduringresources.com) PHONE: (505) 636-9751

For State Use Only

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

## WellView®

## Wellbore Schematic - Components and Cement

Well Name: LYBROOK 2206-16| 224H (FKA CHACO 2206-16)

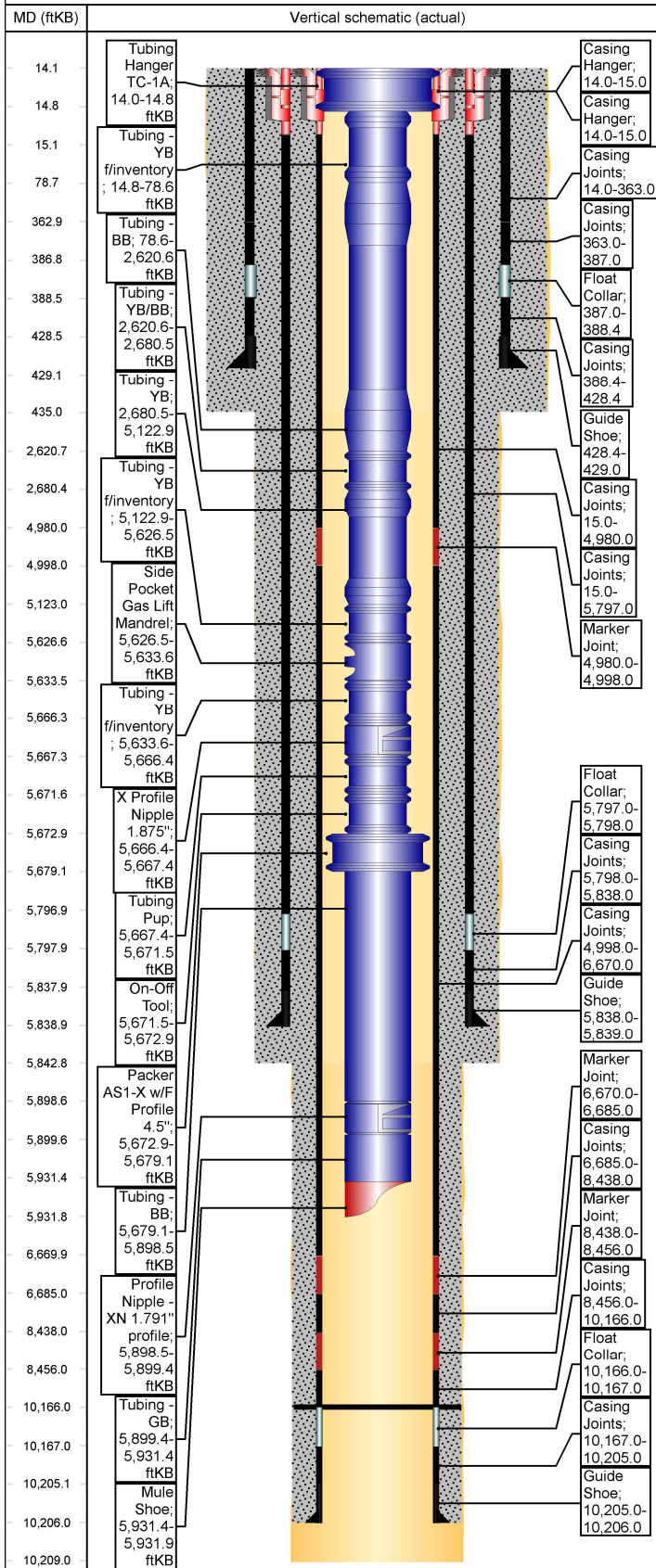
|                         |                    |                    |                                   |                                        |                                                      |                                                                              |  |
|-------------------------|--------------------|--------------------|-----------------------------------|----------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------|--|
| API/UWI<br>30-043-21161 |                    | County<br>SANDOVAL |                                   | State/Province<br>NEW MEXICO           |                                                      | Surface Legal Location<br>NE/4, SE/4, Section 16 (I), Twp 22N, Rng 06W, NMPM |  |
| Spud Date<br>8/10/2013  | On Production Date | Abandon Date       | Ground Elevation (ft)<br>7,194.00 | Original KB Elevation (ft)<br>7,208.00 | Total Depth (All) (ftKB)<br>Original Hole - 10,209.0 | PBT (All) (ftKB)<br>Original Hole - 10,166.0                                 |  |

| Horizontal, Original Hole, 7/12/2024 9:57:51 AM |                                                          |
|-------------------------------------------------|----------------------------------------------------------|
| MD (ftKB)                                       | Vertical schematic (actual)                              |
| 14.1                                            | Tubing Hanger TC-1A; 14.0-14.8 ftKB                      |
| 14.8                                            |                                                          |
| 15.1                                            | Tubing - YB f/inventory ; 14.8-78.6 ftKB                 |
| 78.7                                            |                                                          |
| 362.9                                           | Tubing - BB; 78.6-2,620.6 ftKB                           |
| 386.8                                           |                                                          |
| 388.5                                           | Tubing - YB/BB; 2,620.6-2,680.5 ftKB                     |
| 428.5                                           |                                                          |
| 429.1                                           | Tubing - YB; 2,680.5-5,122.9 ftKB                        |
| 435.0                                           |                                                          |
| 2,620.7                                         | Tubing - YB f/inventory ; 5,122.9-5,626.5 ftKB           |
| 2,680.4                                         |                                                          |
| 4,980.0                                         | Side Pocket Gas Lift Mandrel; 5,626.5-5,633.6 ftKB       |
| 4,998.0                                         |                                                          |
| 5,123.0                                         | Tubing - YB f/inventory ; 5,633.6-5,666.4 ftKB           |
| 5,626.6                                         |                                                          |
| 5,633.5                                         | X Profile Nipple 1.875"; 5,666.4-5,667.4 ftKB            |
| 5,666.3                                         |                                                          |
| 5,667.3                                         | Tubing Pup; 5,667.4-5,671.5 ftKB                         |
| 5,671.6                                         |                                                          |
| 5,672.9                                         | On-Off Tool; 5,671.5-5,672.9 ftKB                        |
| 5,679.1                                         |                                                          |
| 5,796.9                                         | Packer AS1-X w/F Profile 4.5"; 5,672.9-5,679.1 ftKB      |
| 5,797.9                                         |                                                          |
| 5,837.9                                         | Tubing - BB; 5,679.1-5,898.5 ftKB                        |
| 5,838.9                                         |                                                          |
| 5,842.8                                         | Profile Nipple - XN 1.791" profile; 5,898.5-5,899.4 ftKB |
| 5,898.6                                         |                                                          |
| 5,899.6                                         | Tubing - GB; 5,899.4-5,931.4 ftKB                        |
| 5,931.4                                         |                                                          |
| 5,931.8                                         | Mule Shoe; 5,931.4-5,931.9 ftKB                          |
| 6,669.9                                         |                                                          |
| 6,685.0                                         |                                                          |
| 8,438.0                                         |                                                          |
| 8,456.0                                         |                                                          |
| 10,166.0                                        |                                                          |
| 10,167.0                                        |                                                          |
| 10,205.1                                        |                                                          |
| 10,206.0                                        |                                                          |
| 10,209.0                                        |                                                          |

| Other Strings                                             |                                    |         |                    |                 |                  |               |            |
|-----------------------------------------------------------|------------------------------------|---------|--------------------|-----------------|------------------|---------------|------------|
| String Description                                        |                                    |         | String Length (ft) |                 | Set Depth (ftKB) |               | Run Date   |
| Other In Hole                                             |                                    |         |                    |                 |                  |               |            |
| Des                                                       |                                    | String  |                    | Top (ftKB)      | Btm (ftKB)       | Run Date      |            |
|                                                           |                                    |         |                    |                 |                  |               |            |
| Rod Strings                                               |                                    |         |                    |                 |                  |               |            |
| <des> on <dttrun>                                         |                                    |         |                    |                 |                  |               |            |
| Rod Description                                           |                                    |         | String Length (ft) |                 | Set Depth (ftKB) |               | Run Date   |
| Jts                                                       | Item Des                           |         | OD (in)            | Len (ft)        | Top (ftKB)       |               | Btm (ftKB) |
|                                                           |                                    |         |                    |                 |                  |               |            |
| Tubing Strings                                            |                                    |         |                    |                 |                  |               |            |
| Tubing - Production set at 5,931.9ftKB on 7/10/2024 11:30 |                                    |         |                    |                 |                  |               |            |
| Tubing Description                                        |                                    |         | Len (ft)           | Set Depth (f... | Run Date         | Cut/Pull Date | Depth C... |
| Tubing - Production                                       |                                    |         | 5,917.90           | 5,931.9         | 7/10/2024        |               |            |
| Jts                                                       | Item Des                           |         | OD (in)            | Len (ft)        | Top (ftKB)       | Btm (ftKB)    | Grade      |
| 1                                                         | Tubing Hanger TC-1A                |         | 4 1/2              | 0.80            | 14.0             | 14.8          | J-55       |
| 2                                                         | Tubing - YB f/inventory            |         | 2 3/8              | 63.80           | 14.8             | 78.6          | J-55       |
| 82                                                        | Tubing - BB                        |         | 2 3/8              | 2,542.03        | 78.6             | 2,620.6       | J-55       |
| 2                                                         | Tubing - YB/BB                     |         | 2 3/8              | 59.92           | 2,620.6          | 2,680.6       | J-55       |
| 78                                                        | Tubing - YB                        |         | 2 3/8              | 2,442.40        | 2,680.6          | 5,123.0       | J-55       |
| 16                                                        | Tubing - YB f/inventory            |         | 2 3/8              | 503.60          | 5,123.0          | 5,626.6       | J-55       |
| 1                                                         | Side Pocket Gas Lift Mandrel       |         | 2 3/8              | 7.10            | 5,626.6          | 5,633.7       | J-55       |
| 1                                                         | Tubing - YB f/inventory            |         | 2 3/8              | 32.80           | 5,633.7          | 5,666.5       | J-55       |
| 1                                                         | X Profile Nipple 1.875"            |         | 2 3/8              | 0.95            | 5,666.5          | 5,667.4       | J-55       |
| 1                                                         | Tubing Pup                         |         | 2 3/8              | 4.10            | 5,667.4          | 5,671.5       | J-55       |
| 1                                                         | On-Off Tool                        |         | 2 3/8              | 1.45            | 5,671.5          | 5,673.0       | P-110      |
| 1                                                         | Packer AS1-X w/F Profile 4.5"      |         | 3 3/4              | 6.18            | 5,673.0          | 5,679.1       | P-110      |
| 7                                                         | Tubing - BB                        |         | 2 3/8              | 219.37          | 5,679.1          | 5,898.5       | J-55       |
| 1                                                         | Profile Nipple - XN 1.791" profile |         | 2 3/8              | 0.95            | 5,898.5          | 5,899.5       | L-80       |
| 1                                                         | Tubing - GB                        |         | 2 3/8              | 32.00           | 5,899.5          | 5,931.5       | J-55       |
| 1                                                         | Mule Shoe                          |         | 2 3/8              | 0.45            | 5,931.5          | 5,931.9       | J-55       |
| Casing Strings                                            |                                    |         |                    |                 |                  |               |            |
| Production Casing, 10,206.0ftKB                           |                                    |         |                    |                 |                  |               |            |
| Casing Description                                        |                                    | OD (in) | Wt/Len (lb/ft)     | String Grade    | Top (ftKB)       | Set Depth...  | Depth C... |
| Production Casing                                         |                                    | 4 1/2   | 11.60              | N-80            | 14.0             | 10,206.0      | 4.00       |
| Casing Components                                         |                                    |         |                    |                 |                  |               |            |
| Item Des                                                  |                                    | Jts     | OD (in)            | ID (in)         | Wt (lb/ft)       | Grade         | Len (ft)   |
| Casing Hanger                                             |                                    |         | 4 1/2              | 4.00            |                  | N-80          | 1.00       |
| Casing Joints                                             |                                    | 130     | 4 1/2              | 4.00            | 11.60            | N-80          | 4,965.00   |
| Marker Joint                                              |                                    | 1       | 4 1/2              | 4.00            | 11.60            | N-80          | 18.00      |
| Casing Joints                                             |                                    | 44      | 4 1/2              | 4.00            | 11.60            | N-80          | 1,672.00   |
| Marker Joint                                              |                                    | 1       | 4 1/2              | 4.00            | 11.60            | N-80          | 15.00      |
| Casing Joints                                             |                                    | 46      | 4 1/2              | 4.00            | 11.60            | N-80          | 1,753.00   |
| Marker Joint                                              |                                    | 1       | 4 1/2              | 4.00            | 11.60            | N-80          | 18.00      |
| Casing Joints                                             |                                    | 45      | 4 1/2              | 4.00            | 11.60            | N-80          | 1,710.00   |
| Float Collar                                              |                                    |         | 4 1/2              | 4.00            | 11.60            | N-80          | 1.00       |
| Casing Joints                                             |                                    | 1       | 4 1/2              | 4.00            | 11.60            | N-80          | 38.00      |
| Guide Shoe                                                |                                    |         | 4 1/2              | 4.00            | 11.60            | N-80          | 1.00       |
| Intermediate Casing, 5,839.0ftKB                          |                                    |         |                    |                 |                  |               |            |
| Casing Description                                        |                                    | OD (in) | Wt/Len (lb/ft)     | String Grade    | Top (ftKB)       | Set Depth...  | Depth C... |
| Intermediate Casing                                       |                                    | 7       | 23.00              | J-55            | 14.0             | 5,839.0       | 6.37       |
|                                                           |                                    |         |                    |                 |                  |               |            |

**WellView®****Wellbore Schematic - Components and Cement****Well Name: LYBROOK 2206-16I 224H (FKA CHACO 2206-16I)**

Horizontal, Original Hole, 7/12/2024 9:57:53 AM

**Casing Components**

| Item Des      | Jts | OD (in) | ID (in) | Wt (lb/ft) | Grade | Len (ft) |
|---------------|-----|---------|---------|------------|-------|----------|
| Casing Hanger |     | 7       | 6.37    | 23.00      | J-55  | 1.00     |
| Casing Joints | 133 | 7       | 6.37    | 23.00      | J-55  | 5,782.00 |
| Float Collar  |     | 7       | 6.37    | 23.00      | J-55  | 1.00     |
| Casing Joints | 1   | 7       | 6.37    | 23.00      | J-55  | 40.00    |
| Guide Shoe    |     | 7       | 6.37    | 23.00      | J-55  | 1.00     |

**Surface Casing, 429.0ftKB**

| Casing Description | OD (in) | Wt/Len (lb/ft) | String Grade | Top (ftKB) | Set Depth... | Depth C... | ID (in) |
|--------------------|---------|----------------|--------------|------------|--------------|------------|---------|
| Surface Casing     | 9 5/8   | 36.00          | J-55         | 14.0       | 429.0        |            | 8.92    |

**Casing Components**

| Item Des      | Jts | OD (in) | ID (in) | Wt (lb/ft) | Grade | Len (ft) |
|---------------|-----|---------|---------|------------|-------|----------|
| Casing Joints | 9   | 9 5/8   | 8.92    | 36.00      | J-55  | 349.00   |
| Casing Joints | 1   | 9 5/8   | 8.92    | 36.00      | J-55  | 24.00    |
| Float Collar  |     | 9 5/8   | 8.83    | 40.00      | J-55  | 1.40     |
| Casing Joints | 1   | 9 5/8   | 8.92    | 36.00      | J-55  | 40.00    |
| Guide Shoe    |     | 9 5/8   | 8.83    | 40.00      | J-55  | 0.63     |

**Cement****Surface Casing Cement, Casing, 8/10/2013 22:00**

| Description           | String                    | Cementing Start Date | Cementing End Date |
|-----------------------|---------------------------|----------------------|--------------------|
| Surface Casing Cement | Surface Casing, 429.0ftKB | 8/10/2013 22:00      | 8/11/2013 05:00    |

**Cement Stages**

| Stg # | Top (ftKB) | Btm (ftKB) | Com                            |
|-------|------------|------------|--------------------------------|
| 1     | 14.0       | 429.0      | 260 sx (54 bbl) Class G Cement |

**Intermediate Casing Cement, Casing, 8/20/2013 20:30**

| Description                | String                           | Cementing Start Date | Cementing End Date |
|----------------------------|----------------------------------|----------------------|--------------------|
| Intermediate Casing Cement | Intermediate Casing, 5,839.0ftKB | 8/20/2013 20:30      | 8/21/2013 11:30    |

**Cement Stages**

| Stg # | Top (ftKB) | Btm (ftKB) | Com                                                                                                                     |
|-------|------------|------------|-------------------------------------------------------------------------------------------------------------------------|
| 1     | 14.0       | 5,839.0    | Record created to capture fluids from OpenWells that either had no stages recorded or no stages and no pumping schedule |

**Production Casing Cement, Casing, 8/27/2013 12:00**

| Description              | String                          | Cementing Start Date | Cementing End Date |
|--------------------------|---------------------------------|----------------------|--------------------|
| Production Casing Cement | Production Casing, 10,206.0ftKB | 8/27/2013 12:00      | 8/28/2013 00:00    |

**Cement Stages**

| Stg # | Top (ftKB) | Btm (ftKB) | Com                                                                                                                     |
|-------|------------|------------|-------------------------------------------------------------------------------------------------------------------------|
| 1     | 14.0       | 10,206.0   | Record created to capture fluids from OpenWells that either had no stages recorded or no stages and no pumping schedule |

**Wellbores****Original Hole**

| Wellbore Name | Parent Wellbore |
|---------------|-----------------|
| Original Hole | Original Hole   |

**Wellbore Sections**

| Section Des       | Size (in) | Act Top (ftKB) | Act Btm (ftKB) |
|-------------------|-----------|----------------|----------------|
| Surface Hole      | 12 1/4    | 14.0           | 435.0          |
| Intermediate Hole | 8 3/4     | 435.0          | 5,843.0        |
| Production Hole   | 6 1/8     | 5,843.0        | 10,209.0       |

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 365753

CONDITIONS

|                                                                                     |                                                |
|-------------------------------------------------------------------------------------|------------------------------------------------|
| Operator:<br>ENDURING RESOURCES, LLC<br>6300 S Syracuse Way<br>Centennial, CO 80111 | OGRID:<br>372286                               |
|                                                                                     | Action Number:<br>365753                       |
|                                                                                     | Action Type:<br>[C-103] Sub. Workover (C-103R) |

CONDITIONS

| Created By     | Condition | Condition Date |
|----------------|-----------|----------------|
| andrew.fordyce | None      | 12/4/2025      |