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 811 S. First St., Artesia, NM 88210  
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 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV – (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM  
 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July, 2013

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

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br><b>30-043-21148</b>                                                                 |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.<br><b>V09210</b>                                                       |
| 7. Lease Name or Unit Agreement Name<br><b>LYBROOK 2206-16A</b>                                     |
| 8. Well Number <b>221H</b>                                                                          |
| 9. OGRID Number<br><b>372286</b>                                                                    |
| 10. Pool name or Wildcat<br><b>Lybrook Gallup</b>                                                   |

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 A : 738' feet from the N line and 270' feet from the E line

Section: 16 Township: 22N Range: 6W NMPM County: Sandoval

Unit Letter D : 363' feet from the N line and 291' feet from the W line

Section: 16 Township: 22N Range: 6W

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

**7148'**

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 well schematic is attached.

EOT: 5,776' MD  
 Packer Top: 5,574' MD  
 GLVs: 5,528' MD  
 Orifice Valve: None  
 Job Start: 6/27/2024  
 Job End: 7/2/2024

Spud Date: 7/23/13

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 Permit Technician DATE 07/19/24

Type 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):

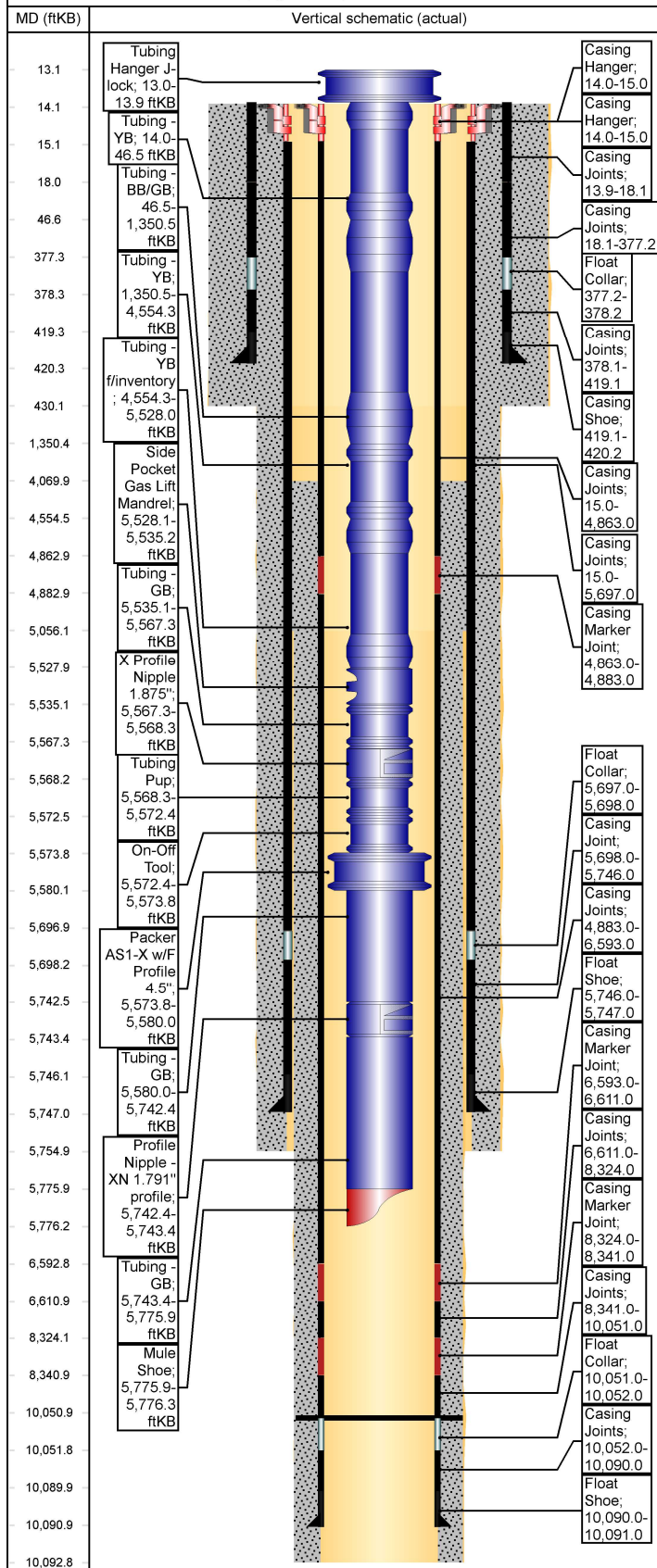


# Wellbore Schematic - Components and Cement

**Well Name:** Lybrook 2206-16A 221H (fka Chaco)

|                         |                                 |                    |                                   |                                        |                                                      |                                                                                |  |
|-------------------------|---------------------------------|--------------------|-----------------------------------|----------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------|--|
| API/UWI<br>30-043-21148 |                                 | County<br>SANDOVAL |                                   | State/Province<br>NEW MEXICO           |                                                      | Surface Legal Location<br>NE1/4, NE1/4, Section 16 (D), Twp 22N, Rng 06W, NMPM |  |
| Spud Date<br>7/23/2013  | On Production Date<br>2/19/2014 | Abandon Date       | Ground Elevation (ft)<br>7,148.01 | Original KB Elevation (ft)<br>7,162.01 | Total Depth (All) (ftKB)<br>Original Hole - 10,093.0 | PBTD (All) (ftKB)<br>Original Hole - 10,051.0                                  |  |

Horizontal, Original Hole, 7/12/2024 9:38:48 AM



## 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 <dtmrun>

| 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 5,776.3ftKB on 7/2/2024 18:45**

| Tubing Description | Len (ft) | Set Depth (ftKB) | Run Date | Cut/Pull Date | Depth C... |
|--------------------|----------|------------------|----------|---------------|------------|
|--------------------|----------|------------------|----------|---------------|------------|

| Jts | Item Des                           | OD (in) | Len (ft) | Top (ftKB) | Btm (ftKB) | Grade | Wt (lb/ft) |
|-----|------------------------------------|---------|----------|------------|------------|-------|------------|
| 1   | Tubing Hanger J-lock               | 4 1/2   | 0.95     | 13.0       | 14.0       | J-55  |            |
| 1   | Tubing - YB                        | 2 3/8   | 32.55    | 14.0       | 46.5       | J-55  | 4.70       |
| 42  | Tubing - BB/GB                     | 2 3/8   | 1,304.0  | 46.5       | 1,350.5    | J-55  | 4.70       |
| 10  | Tubing - YB                        | 2 3/8   | 3,203.8  | 1,350.5    | 4,554.3    | J-55  | 4.70       |
| 31  | Tubing - YB f/inventory            | 2 3/8   | 973.71   | 4,554.3    | 5,528.1    | J-55  | 4.70       |
| 1   | Side Pocket Gas Lift Mandrel       | 2 3/8   | 7.10     | 5,528.1    | 5,535.2    | J-55  |            |
| 1   | Tubing - GB                        | 2 3/8   | 32.20    | 5,535.2    | 5,567.4    | J-55  | 4.70       |
| 1   | X Profile Nipple 1.875"            | 2 3/8   | 0.95     | 5,567.4    | 5,568.3    | J-55  | 4.70       |
| 1   | Tubing Pup                         | 2 3/8   | 4.10     | 5,568.3    | 5,572.4    | J-55  | 4.70       |
| 1   | On-Off Tool                        | 2 3/8   | 1.45     | 5,572.4    | 5,573.9    | P-110 |            |
| 1   | Packer AS1-X w/F Profile 4.5"      | 3 3/4   | 6.18     | 5,573.9    | 5,580.0    | P-110 |            |
| 5   | Tubing - GB                        | 2 3/8   | 162.40   | 5,580.0    | 5,742.4    | J-55  | 4.70       |
| 1   | Profile Nipple - XN 1.791" profile | 2 3/8   | 0.95     | 5,742.4    | 5,743.4    | L-80  | 4.70       |
| 1   | Tubing - GB                        | 2 3/8   | 32.50    | 5,743.4    | 5,775.9    | J-55  | 4.70       |
| 1   | Mule Shoe                          | 2 3/8   | 0.45     | 5,775.9    | 5,776.3    | J-55  | 4.70       |

## Casing Strings

**PRODUCTION CASING, 10,091.0ftKB**

| Casing Description | OD (in) | Wt/Len (lb/ft) | String Grade | Top (ftKB) | Set Depth... | Depth C... | ID (in) |
|--------------------|---------|----------------|--------------|------------|--------------|------------|---------|
| PRODUCTION CASING  | 4 1/2   | 11.60          | N-80         | 14.0       | 10,091.0     |            | 4.00    |

## Casing Components

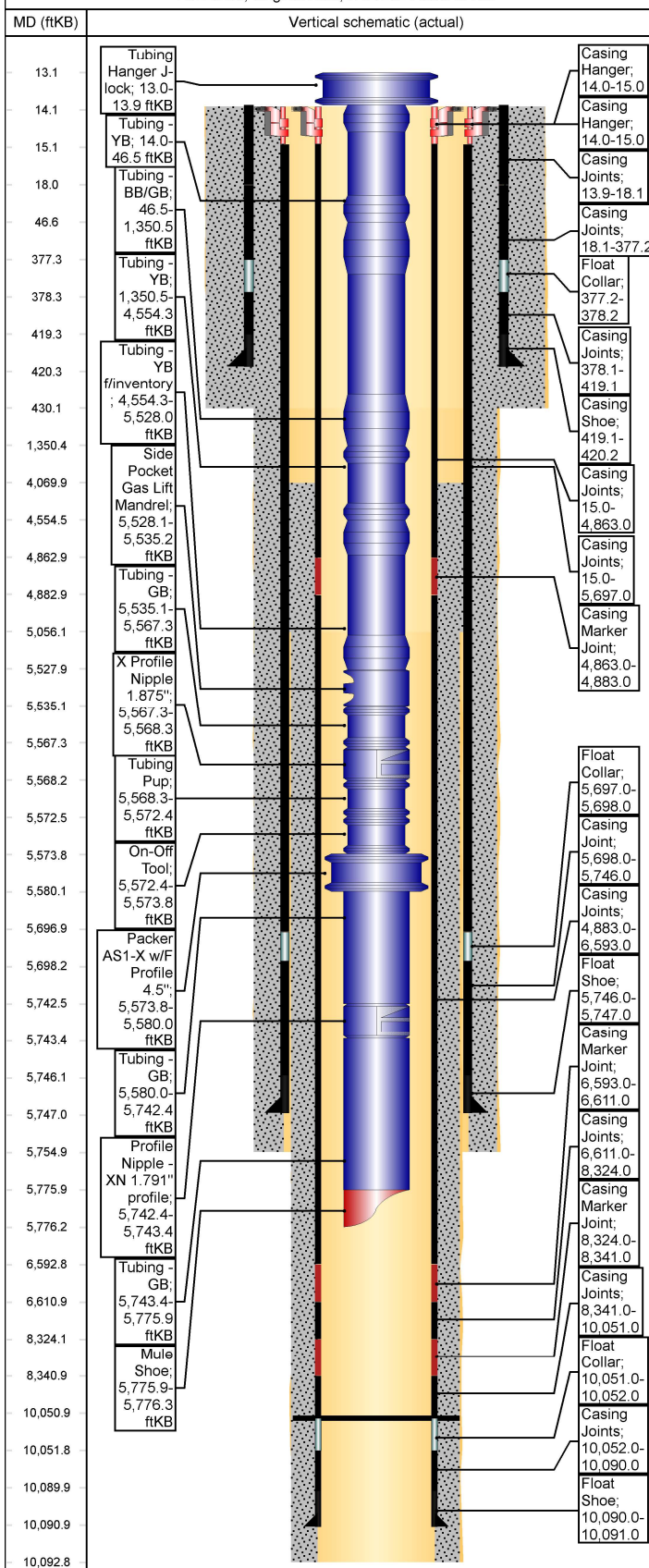
| Item Des            | Jts | OD (in) | ID (in) | Wt (lb/ft) | Grade | Len (ft) |
|---------------------|-----|---------|---------|------------|-------|----------|
| Casing Hanger       |     | 4 1/2   | 4.00    |            |       | 1.00     |
| Casing Joints       | 127 | 4 1/2   | 4.00    | 11.60      | N-80  | 4,848.00 |
| Casing Marker Joint | 1   | 4 1/2   | 4.00    | 11.60      | N-80  | 20.00    |
| Casing Joints       | 45  | 4 1/2   | 4.00    | 11.60      | N-80  | 1,710.00 |
| Casing 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  | 1,713.00 |
| Casing Marker Joint | 1   | 4 1/2   | 4.00    | 11.60      | N-80  | 17.00    |
| Casing Joints       | 45  | 4 1/2   | 4.00    | 11.60      | N-80  | 1,710.00 |
| Float Collar        |     | 4 1/2   | 4.00    |            |       | 1.00     |
| Casing Joints       | 1   | 4 1/2   | 4.00    | 11.60      | N-80  | 38.00    |
| Float Shoe          |     | 4 1/2   | 4.00    |            |       | 1.00     |

**INTERMEDIATE CASING, 5,747.0ftKB**

| Casing Description  | OD (in) | Wt/Len (lb/ft) | String Grade | Top (ftKB) | Set Depth... | Depth C... | ID (in) |
|---------------------|---------|----------------|--------------|------------|--------------|------------|---------|
| INTERMEDIATE CASING | 7       | 23.00          | J-55         | 14.0       | 5,747.0      |            | 6.37    |

Well Name: Lybrook 2206-16A 221H (fka Chaco)

Horizontal, Original Hole, 7/12/2024 9:38:49 AM



## Casing Components

| Item Des      | Jts | OD (in) | ID (in) | Wt (lb/ft) | Grade | Len (ft) |
|---------------|-----|---------|---------|------------|-------|----------|
| Casing Hanger |     | 7       |         |            |       | 1.00     |
| Casing Joints | 130 | 7       | 6.37    | 23.00      | J-55  | 5,682.00 |
| Float Collar  |     | 7       | 6.37    |            |       | 1.00     |
| Casing Joint  | 1   | 7       | 6.37    | 23.00      | J-55  | 48.00    |
| Float Shoe    |     | 7       | 6.37    |            |       | 1.00     |

## SURFACE CASING, 420.2ftKB

| 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       | 420.2        |            | 8.92    |

## Casing Components

| Item Des      | Jts | OD (in) | ID (in) | Wt (lb/ft) | Grade | Len (ft) |
|---------------|-----|---------|---------|------------|-------|----------|
| Casing Joints |     | 9 5/8   | 8.92    | 36.00      | J-55  | 4.20     |
| Casing Joints | 9   | 9 5/8   | 8.92    | 36.00      | J-55  | 359.00   |
| Float Collar  |     | 9 5/8   | 8.92    |            | K-55  | 1.00     |
| Casing Joints | 1   | 9 5/8   | 8.92    | 36.00      | J-55  | 41.00    |
| Casing Shoe   |     | 9 5/8   | 8.92    |            | K-55  | 1.00     |

## Cement

## SURFACE CASING CEMENT, Casing, 7/24/2013 12:00

| Description           | String                    | Cementing Start Date | Cementing End Date |
|-----------------------|---------------------------|----------------------|--------------------|
| SURFACE CASING CEMENT | SURFACE CASING, 420.2ftKB | 7/24/2013 12:00      | 7/24/2013 13:00    |

## Cement Stages

| Stg # | Top (ftKB) | Btm (ftKB) | Com                           |
|-------|------------|------------|-------------------------------|
| 1     | 14.0       | 430.0      | 260 sx (54.5 bbl) Class G cmt |

## INTERMD CASING CEMENT, Casing, 8/1/2013 12:00

| Description           | String                           | Cementing Start Date | Cementing End Date |
|-----------------------|----------------------------------|----------------------|--------------------|
| INTERMD CASING CEMENT | INTERMEDIATE CASING, 5,747.0ftKB | 8/1/2013 12:00       | 8/2/2013 00:00     |

## Cement Stages

| Stg # | Top (ftKB) | Btm (ftKB) | Com                                                                                                     |
|-------|------------|------------|---------------------------------------------------------------------------------------------------------|
| 1     | 14.0       | 5,755.0    | Lead: 595 sx (152.5 bbl) 50/50 POZ<br>Tail: 100 sx (23 bbl) 50/50 POZ<br>Cap: 100 sx (20.8 bbl) Class G |

## PROD CASING CEMENT, Casing, 8/7/2013 15:30

| Description        | String                          | Cementing Start Date | Cementing End Date |
|--------------------|---------------------------------|----------------------|--------------------|
| PROD CASING CEMENT | PRODUCTION CASING, 10,091.0ftKB | 8/7/2013 15:30       | 8/7/2013 23:30     |

## Cement Stages

| Stg # | Top (ftKB) | Btm (ftKB) | Com                                                                                                                     |
|-------|------------|------------|-------------------------------------------------------------------------------------------------------------------------|
| 1     | 4,070.0    | 10,093.0   | 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           | 430.0          |
| INTERMEDIATE HOLE | 8 3/4     | 430.0          | 5,755.0        |
| PRODUCTION HOLE   | 6 1/8     | 5,056.0        | 10,093.0       |

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 365760

CONDITIONS

|                                                                                     |                                                |
|-------------------------------------------------------------------------------------|------------------------------------------------|
| Operator:<br>ENDURING RESOURCES, LLC<br>6300 S Syracuse Way<br>Centennial, CO 80111 | OGRID:<br>372286                               |
|                                                                                     | Action Number:<br>365760                       |
|                                                                                     | Action Type:<br>[C-103] Sub. Workover (C-103R) |

CONDITIONS

| Created By     | Condition            | Condition Date |
|----------------|----------------------|----------------|
| andrew.fordyce | Accepted for record. | 12/4/2025      |