

Form 3160-5  
(June 2019)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**5. Lease Serial No. **N0G13121857**6. If Indian, Allottee or Tribe Name  
**EASTERN NAVAJO****SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
**ENDURING RESOURCES LLC**3a. Address **200 ENERGY COURT, FARMINGTON, NM 87401**  
3b. Phone No. (include area code)  
**(505) 497-8574**7. If Unit of CA/Agreement, Name and/or No.  
**Greater Lybrook/NMNM144419X**8. Well Name and No. **GREATER LYBROOK UNIT/724H**9. API Well No. **3004538261**4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEC 23/T23N/R09W/NMP**10. Field and Pool or Exploratory Area  
**LYBROOK MANCOS W/LYBROOK MANCOS W**11. Country or Parish, State  
**SAN JUAN/NM****12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |                                               |                                                    |                                           |  |
|-------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------------------------------|-------------------------------------------|--|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen               | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |  |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |  |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction     | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |  |
|                                                       | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon     | <input type="checkbox"/> Temporarily Abandon       |                                           |  |
|                                                       | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back            | <input type="checkbox"/> Water Disposal            |                                           |  |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Enduring Resources performed a workover for tubing reconfiguration. Production tubing string was re-configured. An updated well schematic is attached.

EOT: 4,951 MD

Packer: None

GLVs: None

Orifice Valve: none - EOT

Job Start: 6/26/2023

Job End: 6/27/2023

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
**HEATHER HUNTINGTON / Ph: (505) 636-9751**Title **Permitting Technician**

Signature

Date **07/26/2023****THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

**MATTHEW H KADE / Ph: (505) 564-7736 / Accepted**Title **Petroleum Engineer**Date **07/26/2023**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office **FARMINGTON**

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 to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

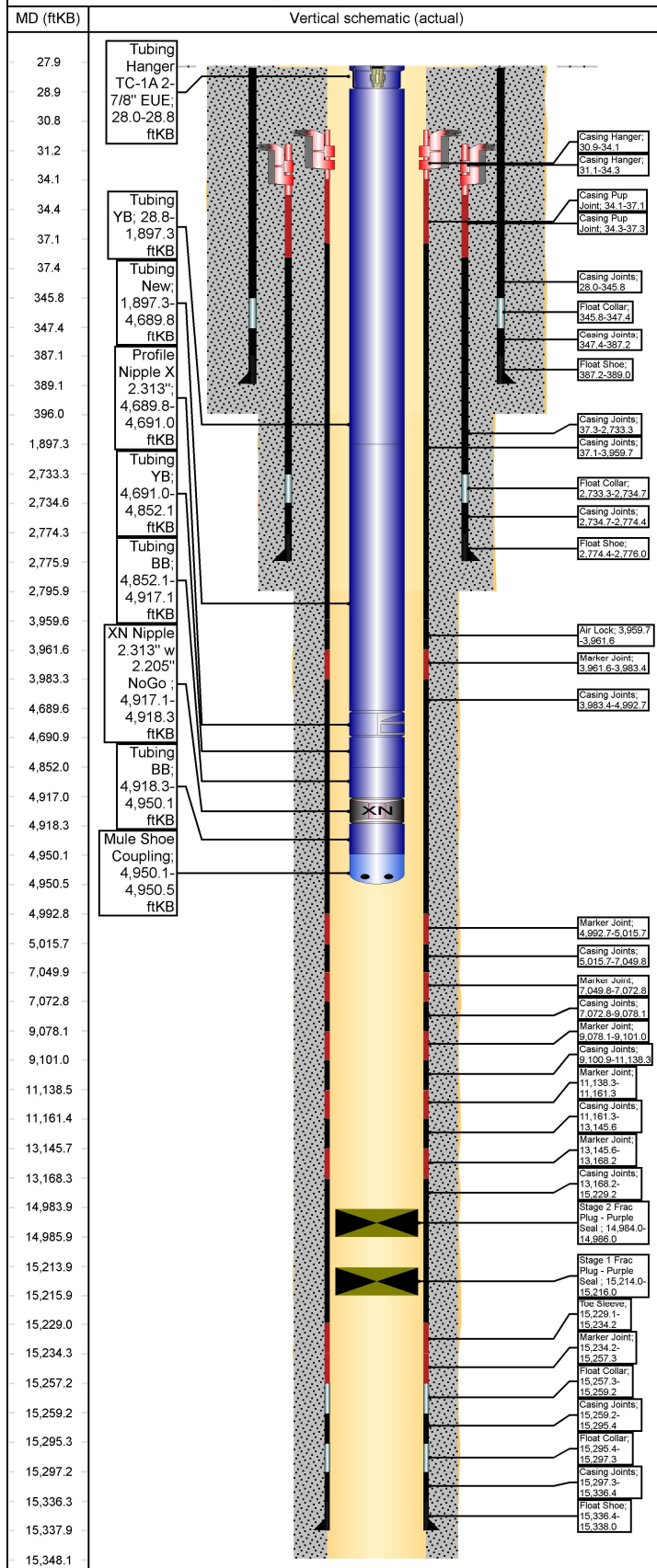


## Wellbore Schematic - Components and Cement

Well Name: GREATER LYBROOK UNIT 724H (FKA W LYBROOK)

|                         |  |                                  |  |                              |  |                                                                                   |  |
|-------------------------|--|----------------------------------|--|------------------------------|--|-----------------------------------------------------------------------------------|--|
| API/UWI<br>30-045-38261 |  | County<br>SAN JUAN               |  | State/Province<br>NEW MEXICO |  | Surface Legal Location<br>(Unit J) NW/4, SE/4, Section 23, Twp 23N, Rng 09W, NMPM |  |
| Spud Date<br>8/16/2021  |  | On Production Date<br>12/18/2021 |  | Abandon Date                 |  | Ground Elevation (ft)<br>6,719.00                                                 |  |
|                         |  |                                  |  |                              |  | Original KB Elevation (ft)<br>6,747.00                                            |  |
|                         |  |                                  |  |                              |  | Total Depth (All) (ftKB)<br>Original Hole - 15,348.0                              |  |
|                         |  |                                  |  |                              |  | PBTD (All) (ftKB)                                                                 |  |

Horizontal, Original Hole, 7/6/2023 10:36:00 AM



## Other Strings

| String Description | String Length (ft) | Set Depth (ftKB) | Run Date |
|--------------------|--------------------|------------------|----------|
|--------------------|--------------------|------------------|----------|

## Other In Hole

| Des                             | String | Top (ftKB) | Btm (ftKB) | Run Date         |
|---------------------------------|--------|------------|------------|------------------|
| Stage 1 Frac Plug - Purple Seal |        | 15,214.0   | 15,216.0   | 12/13/2021 08:00 |
| Stage 2 Frac Plug - Purple Seal |        | 14,984.0   | 14,986.0   | 12/17/2021 00:02 |

## Rod Strings

&lt;des&gt; on &lt;dtmrun&gt;

| 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 4,950.5ftKB on 6/27/2023 12:00

| Tubing Description  | Len (ft) | Set Depth (ftKB) | Run Date  | Cut/Pull Date | Depth C... |
|---------------------|----------|------------------|-----------|---------------|------------|
| Tubing - Production | 4,922.56 | 4,950.5          | 6/27/2023 |               |            |

| Jts | Item Des                        | OD (in) | Len (ft) | Top (ftKB) | Btm (ftKB) | Grade | Wt (lb/ft) |
|-----|---------------------------------|---------|----------|------------|------------|-------|------------|
| 1   | Tubing Hanger TC-1A 2-7/8\" EUE | 2 7/8   | 0.80     | 28.0       | 28.8       |       |            |
| 57  | Tubing YB                       | 2 7/8   | 1,868.53 | 28.8       | 1,897.3    | L-80  | 6.40       |
| 86  | Tubing New                      | 2 7/8   | 2,792.48 | 1,897.3    | 4,689.8    | J-55  | 6.40       |
| 1   | Profile Nipple X 2.313"         | 2 7/8   | 1.20     | 4,689.8    | 4,691.0    |       |            |
| 5   | Tubing YB                       | 2 7/8   | 161.13   | 4,691.0    | 4,852.1    | L-80  | 6.40       |
| 2   | Tubing BB                       | 2 7/8   | 64.97    | 4,852.1    | 4,917.1    | L-80  | 6.40       |
| 1   | XN Nipple 2.313" w 2.205" NoGo  | 2 7/8   | 1.20     | 4,917.1    | 4,918.3    |       |            |
| 1   | Tubing BB                       | 2 7/8   | 31.85    | 4,918.3    | 4,950.1    | L-80  | 6.40       |
| 1   | Mule Shoe Coupling              | 2 7/8   | 0.40     | 4,950.1    | 4,950.5    |       |            |

## Casing Strings

Production, 15,338.0ftKB

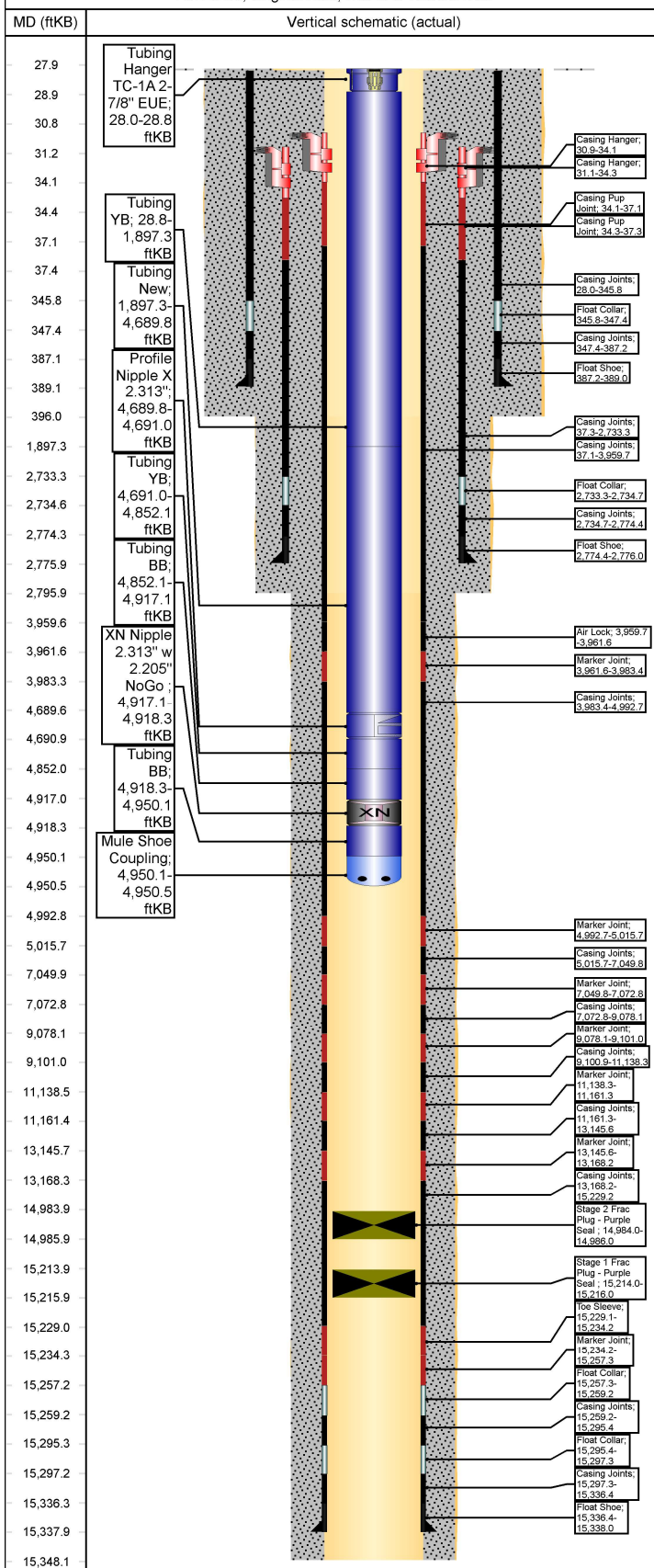
| Casing Description | OD (in) | Wt/Len (lb/ft) | String Grade | Top (ftKB) | Set Depth... | Depth C... | ID (in) |
|--------------------|---------|----------------|--------------|------------|--------------|------------|---------|
| Production         | 5 1/2   | 17.00          | P-110        | 30.9       | 15,338.0     |            | 4.89    |

## Casing Components

| Item Des         | Jts | OD (in) | ID (in) | Wt (lb/ft) | Grade | Len (ft) |
|------------------|-----|---------|---------|------------|-------|----------|
| Casing Joints    | 0   | 5 1/2   | 4.89    | 17.00      | P-110 | 0.00     |
| Landing Joint    | 1   | 5 1/2   | 4.89    | 17.00      | P-110 | 0.00     |
| Casing Hanger    | 1   | 5 1/2   | 4.89    | 17.00      | P-110 | 3.20     |
| Casing Pup Joint | 1   | 5 1/2   | 4.89    | 17.00      | P-110 | 3.00     |
| Casing Joints    | 104 | 5 1/2   | 4.89    | 17.00      | P-110 | 3,922.57 |
| Air Lock         | 1   | 5 1/2   | 4.89    | 17.00      | P-110 | 1.92     |
| Marker Joint     | 1   | 5 1/2   | 4.89    | 17.00      | P-110 | 21.78    |
| Casing Joints    | 26  | 5 1/2   | 4.89    | 17.00      | P-110 | 1,009.26 |
| Marker Joint     | 1   | 5 1/2   | 4.89    | 17.00      | P-110 | 23.05    |
| Casing Joints    | 52  | 5 1/2   | 4.89    | 17.00      | P-110 | 2,034.11 |
| Marker Joint     | 1   | 5 1/2   | 4.89    | 17.00      | P-110 | 22.95    |
| Casing Joints    | 52  | 5 1/2   | 4.89    | 17.00      | P-110 | 2,005.28 |
| Marker Joint     | 1   | 5 1/2   | 4.89    | 17.00      | P-110 | 22.90    |
| Casing Joints    | 55  | 5 1/2   | 4.89    | 17.00      | P-110 | 2,037.38 |
| Marker Joint     | 1   | 5 1/2   | 4.89    | 17.00      | P-110 | 23.00    |
| Casing Joints    | 51  | 5 1/2   | 4.89    | 17.00      | P-110 | 1,984.27 |
| Marker Joint     | 1   | 5 1/2   | 4.89    | 17.00      | P-110 | 22.62    |
| Casing Joints    | 56  | 5 1/2   | 4.89    | 17.00      | P-110 | 2,060.93 |
| Toe Sleeve       | 1   | 5 1/2   | 4.89    | 17.00      | P-110 | 5.10     |
| Marker Joint     | 1   | 5 1/2   | 4.89    | 17.00      | P-110 | 23.01    |
| Float Collar     | 1   | 5 1/2   | 4.89    | 17.00      | P-110 | 1.92     |
| Casing Joints    | 1   | 5 1/2   | 4.89    | 17.00      | P-110 | 36.21    |

**WellView®****Wellbore Schematic - Components and Cement****Well Name: GREATER LYBROOK UNIT 724H (FKA W LYBROOK)**

Horizontal, Original Hole, 7/6/2023 10:36:02 AM

**Casing Components**

| Item Des      | Jts | OD (in) | ID (in) | Wt (lb/ft) | Grade | Len (ft) |
|---------------|-----|---------|---------|------------|-------|----------|
| Float Collar  | 1   | 5 1/2   | 4.89    | 17.00      | P-110 | 1.92     |
| Casing Joints | 1   | 5 1/2   | 4.89    | 17.00      | P-110 | 39.06    |
| Float Shoe    | 1   | 5 1/2   | 4.89    | 17.00      | P-110 | 1.63     |

**Intermediate, 2,776.0ftKB**

| Casing Description | OD (in) | Wt/Len (lb/ft) | String Grade | Top (ftKB) | Set Depth... | Depth C... | ID (in) |
|--------------------|---------|----------------|--------------|------------|--------------|------------|---------|
| Intermediate       | 9 5/8   | 36.00          | J-55         | 31.1       | 2,776.0      |            | 8.92    |

**Casing Components**

| Item Des         | Jts | OD (in) | ID (in) | Wt (lb/ft) | Grade | Len (ft) |
|------------------|-----|---------|---------|------------|-------|----------|
| Landing          | 1   | 9 5/8   | 8.92    | 36.00      | J-55  | 0.00     |
| Casing Hanger    | 1   | 9 5/8   | 8.92    | 36.00      | J-55  | 3.20     |
| Casing Pup Joint | 1   | 9 5/8   | 8.92    | 36.00      | J-55  | 3.00     |
| Casing Joints    | 68  | 9 5/8   | 8.92    | 36.00      | J-55  | 2,696.02 |
| Float Collar     | 1   | 9 5/8   | 8.92    | 36.00      | J-55  | 1.35     |
| Casing Joints    | 1   | 9 5/8   | 8.92    | 36.00      | J-55  | 39.74    |
| Float Shoe       | 1   | 9 5/8   | 8.92    | 36.00      | J-55  | 1.60     |

**Surface, 389.0ftKB**

| Casing Description | OD (in) | Wt/Len (lb/ft) | String Grade | Top (ftKB) | Set Depth... | Depth C... | ID (in) |
|--------------------|---------|----------------|--------------|------------|--------------|------------|---------|
| Surface            | 13 3/8  | 54.50          | J-55         | 28.1       | 389.0        |            | 12.62   |

**Casing Components**

| Item Des      | Jts | OD (in) | ID (in) | Wt (lb/ft) | Grade | Len (ft) |
|---------------|-----|---------|---------|------------|-------|----------|
| Casing Joints | 8   | 13 3/8  | 12.62   | 54.50      | J-55  | 317.76   |
| Float Collar  | 1   | 13 3/8  | 12.62   | 54.50      | J-55  | 1.62     |
| Casing Joints | 1   | 13 3/8  | 12.62   | 54.50      | J-55  | 39.73    |
| Float Shoe    | 1   | 13 3/8  | 12.62   | 54.50      | J-55  | 1.84     |

**Cement****Surface Casing Cement, Casing, 8/17/2021 12:33**

| Description           | String             | Cementing Start Date | Cementing End Date |
|-----------------------|--------------------|----------------------|--------------------|
| Surface Casing Cement | Surface, 389.0ftKB | 8/17/2021 12:33      | 8/17/2021 14:27    |

**Cement Stages**

| Stg # | Top (ftKB) | Btm (ftKB) | Com |
|-------|------------|------------|-----|
| 1     | 28.0       | 396.0      |     |

**Intermediate Casing Cement, Casing, 10/19/2021 01:00**

| Description                | String                    | Cementing Start Date | Cementing End Date |
|----------------------------|---------------------------|----------------------|--------------------|
| Intermediate Casing Cement | Intermediate, 2,776.0ftKB | 10/19/2021 01:00     | 10/19/2021 06:14   |

**Cement Stages**

| Stg # | Top (ftKB) | Btm (ftKB) | Com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------|------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | 28.0       | 2,796.0    | Cement Offline as follows:<br>PJSM with Drake Energy Services. Pressure tested lines to 2500 psi. Pumped 160 bbls mud to circulate well; Pumped 20 bbls FW, 20 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 203 bbls (617 sx) 90:10 Poz:Type III at 12.5 ppg, 2.14 ft3/sk, 12.05 gal H2O/sk. Pumped Tail Cement: 30 bbls (52sx) Type III Blend at 14.6 ppg, 1.38 ft3/sk, 6.64 gal H2O/sk. Dropped plug & began displacement. Displaced with 211.4 bbls FW. FCP at 840 psi and plug bump With 1354 PSI. Maintained returns throughout job. Calculated 75. bbls of good cement to surface. Top of Lead to surface and top of tail at 2,333 ft MD. Released Rig @ 15:30 10/19/2021 to the W. Lybrook Unit 758 H. ( Cement 01:00 Hour,s To 06:14 Hour,s on -10-19-2021 ) |

**Production Casing Cement, Casing, 12/7/2021 23:30**

| Description              | String                   | Cementing Start Date | Cementing End Date |
|--------------------------|--------------------------|----------------------|--------------------|
| Production Casing Cement | Production, 15,338.0ftKB | 12/7/2021 23:30      | 12/8/2021 04:00    |

**Cement Stages**

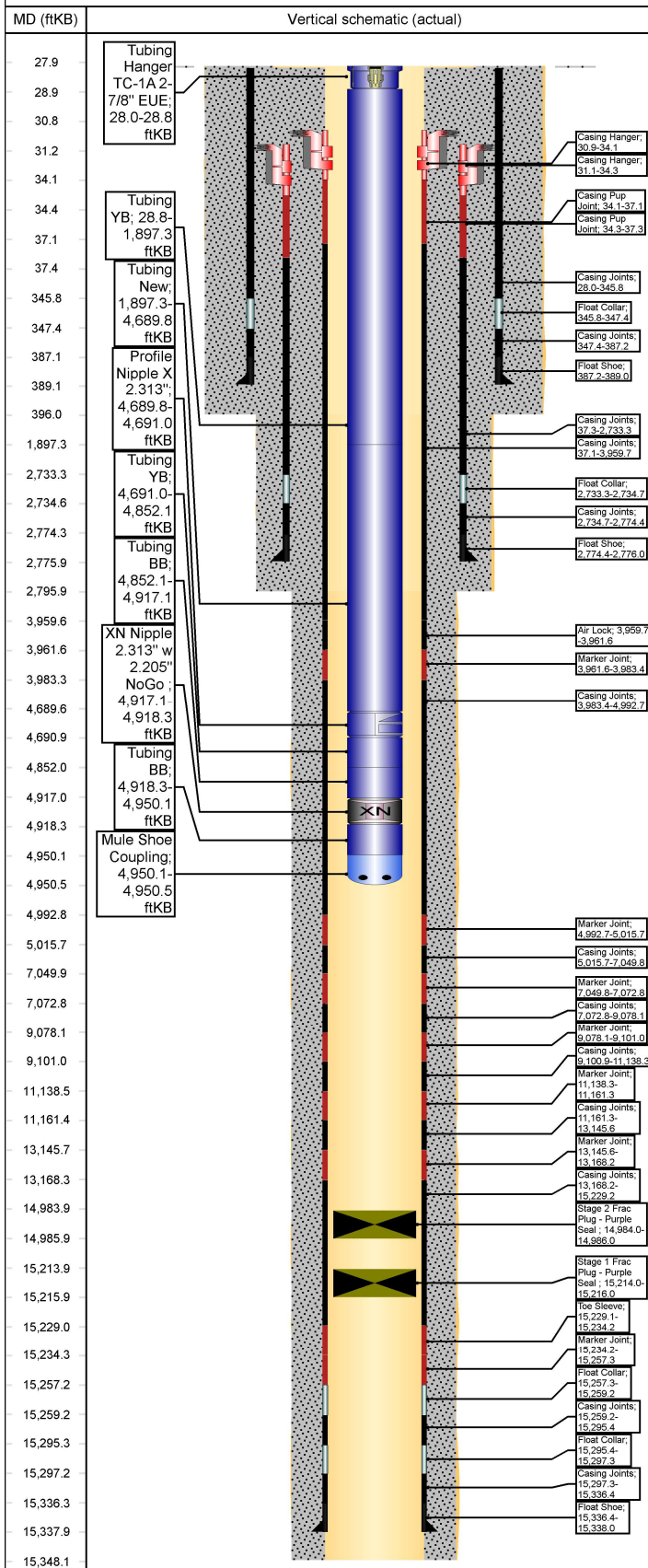
| Stg # | Top (ftKB) | Btm (ftKB) | Com |
|-------|------------|------------|-----|
| 1     | 28.0       | 15,348.0   |     |



**WellView®****Wellbore Schematic - Components and Cement****Well Name: GREATER LYBROOK UNIT 724H (FKA W LYBROOK)**

Horizontal, Original Hole, 7/6/2023 10:36:03 AM

Vertical schematic (actual)

**Wellbores****Original Hole**Wellbore Name  
Original Hole

Parent Wellbore

**Wellbore Sections**

| Section Des  | Size (in) | Act Top (ftKB) | Act Btm (ftKB) |
|--------------|-----------|----------------|----------------|
| Surface      | 17 1/2    | 28.0           | 396.0          |
| Intermediate | 12 1/4    | 396.0          | 2,796.0        |
| Production   | 8 1/2     | 2,796.0        | 15,348.0       |



**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**

CONDITIONS

Action 258750

CONDITIONS

|                                                                                                |                                                |
|------------------------------------------------------------------------------------------------|------------------------------------------------|
| Operator:<br>ENDURING RESOURCES, LLC<br>6300 S Syracuse Way, Suite 525<br>Centennial, CO 80111 | OGRID:<br>372286                               |
|                                                                                                | Action Number:<br>258750                       |
|                                                                                                | Action Type:<br>[C-103] Sub. Workover (C-103R) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| dmcclure   | None      | 9/5/2023       |