Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.***

***SUBMIT IN TRIPLICATE*** *- Other instructions on page 2*

5. Lease Serial No. N0G13121863

6. If Indian, Allottee or Tribe Name: NAVAJO NATION

7. If Unit of CA/Agreement, Name and/or No.: NMNM105803962

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

8. Well Name and No.: GREATER LYBROOK UNIT/051H

2. Name of Operator: ENDURING RESOURCES LLC

9. API Well No.: 3004538282

3a. Address: 200 ENERGY COURT, FARMINGTON, NM 8740

3b. Phone No. *(include area code)*: (505) 497-8574

10. Field and Pool or Exploratory Area: BASIN MANCOS/LYBROOK MANCOS W

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*: SEC 23/T23N/R9W/NMP

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 | | | |
|---|---|---|---|---|
| ☐ Notice of Intent | ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| | ☐ Alter Casing | ☐ Hydraulic Fracturing | ☐ Reclamation | ☐ Well Integrity |
| ☑ Subsequent Report | ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☑ Other |
| | ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | |
| ☐ Final Abandonment Notice | ☐ Convert to Injection | ☐ Plug Back | ☐ 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 recomplete 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 perfonned 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 recompletion 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 a wellbore cleanout. An updated well schematic is attached.

EOT: 4510 MD
Packer Top: None
GLVs: None
Orifice Valve: None
Job Start: 10/31/2024
Job End: 11/5/2024

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

Title: Permitting Technician

Signature: (Electronic Submission)

Date: 11/14/2024

**THE SPACE FOR FEDERAL OR STATE OFICE USE**

Approved by: MATTHEW H KADE / Ph: (505) 564-7736 / Accepted

Title: Petroleum Engineer

Date: 11/15/2024

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)

## Additional Information

### Location of Well

0. SHL: SWSW / 444 FSL / 714 FWL / TWSP: 23N / RANGE: 9W / SECTION: 23 / LAT: 36.206373 / LONG: -107.764682 ( TVD: 0 feet, MD: 0 feet )

PPP: SWSW / 586 FSL / 1260 FWL / TWSP: 23N / RANGE: 9W / SECTION: 23 / LAT: 36.206768 / LONG: -107.762831 ( TVD: 4232 feet, MD: 4706 feet )

BHL: SESW / 185 FSL / 1607 FWL / TWSP: 23N / RANGE: 9W / SECTION: 25 / LAT: 36.191161 / LONG: -107.74398 ( TVD: 4232 feet, MD: 12357 feet )

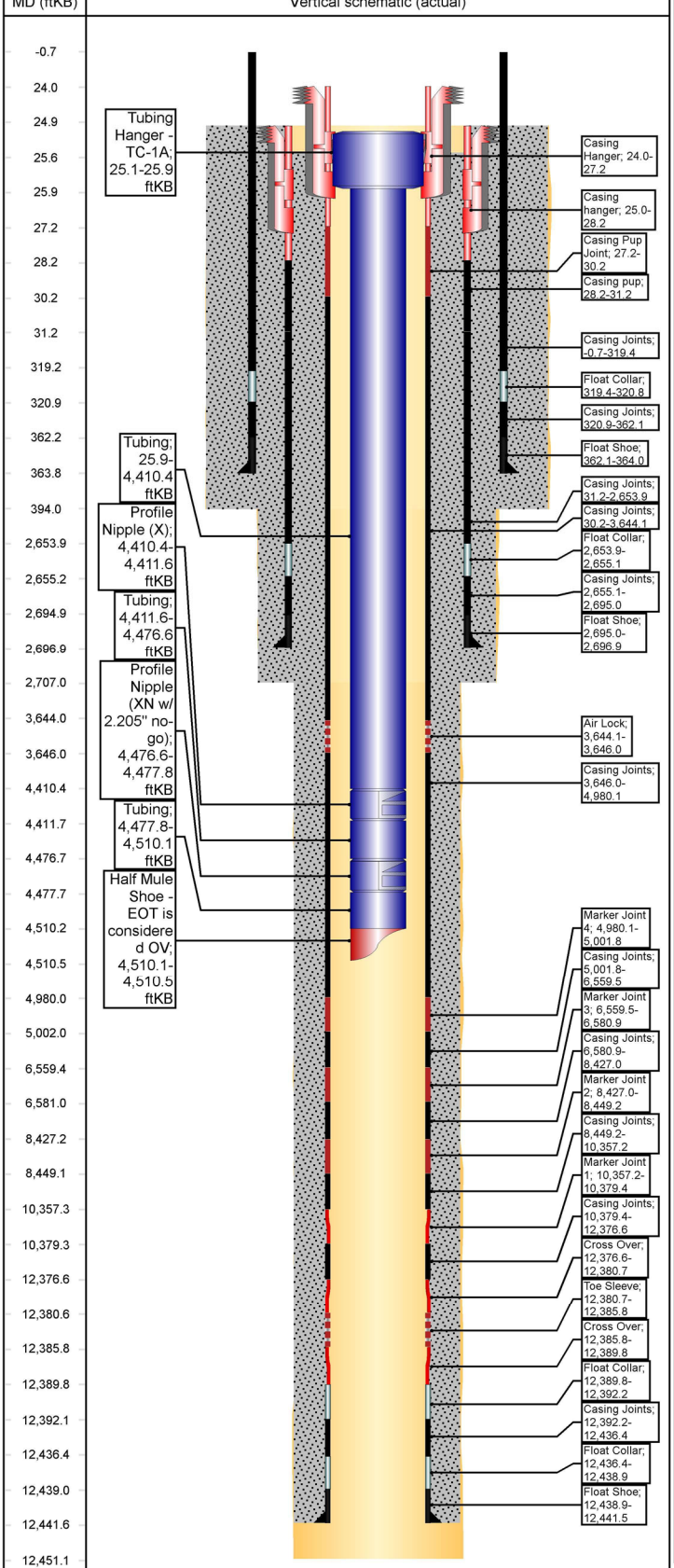
WellView

# Wellbore Schematic - Components and Cement

## Well Name: GREATER LYBROOK UNIT 051H (FKA WLU 778H)

| API/UWI | County | State/Province | Surface Legal Location |
|---|---|---|---|
| 30-045-38282 | San Juan | New Mexico | 23-23N-09W Sec-Twn-Rng 36.206371 N Latitude |

| Spud Date | On Production Date | Abandon Date | Ground Elevation (ft) | Original KB Elevation (ft) | Total Depth (All) (ftKB) | PBTD (All) (ftKB) |
|---|---|---|---|---|---|---|
| 2/28/2023 | | | 6,747.00 | 6,772.00 | Original Hole - 12,451.0 | |




### 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 <dttmrun>**

| 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 4,510.5ftKB on 11/5/2024 06:00**

| Tubing Description | Len (ft) | Set Depth (f... | Run Date | Cut/Pull Date | Depth C... |
|---|---|---|---|---|---|
| Tubing - Production | 4,485.39 | 4,510.5 | 11/5/2024 | | |

| Jts | Item Des | OD (in) | Len (ft) | Top (ftKB) | Btm (ftKB) | Grade | Wt (lb/ft) |
|---|---|---|---|---|---|---|---|
| 1 | Tubing Hanger - TC-1A | 4 3/4 | 0.80 | 25.1 | 25.9 | | |
| 135 | Tubing | 2 7/8 | 4,384.56 | 25.9 | 4,410.5 | J-55 | 6.50 |
| 1 | Profile Nipple (X) | 2 7/8 | 1.20 | 4,410.5 | 4,411.7 | J-55 | |
| 2 | Tubing | 2 7/8 | 64.98 | 4,411.7 | 4,476.6 | J-55 | 6.40 |
| 1 | Profile Nipple (XN w/ 2.205" no-go) | 2 7/8 | 1.20 | 4,476.6 | 4,477.8 | | |
| 1 | Tubing | 2 7/8 | 32.25 | 4,477.8 | 4,510.1 | J-55 | 6.50 |
| 1 | Half Mule Shoe - EOT is considered OV | 2 7/8 | 0.40 | 4,510.1 | 4,510.5 | J-55 | 6.50 |

### Casing Strings

**Production, 12,441.5ftKB**

| 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 | 24.0 | 12,441.5 | | 4.89 |

**Casing Components**

| Item Des | Jts | OD (in) | ID (in) | Wt (lb/ft) | Grade | Len (ft) |
|---|---|---|---|---|---|---|
| Marker Joint 5 | 0 | 5 1/2 | 4.89 | 17.00 | P-110 | 0.00 |
| Casing Joints | 0 | 5 1/2 | 4.89 | 17.00 | P-110 | 0.00 |
| Landing Joint | 0 | 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 | 83 | 5 1/2 | 4.89 | 17.00 | P-110 | 3,613.94 |
| Air Lock | 1 | 5 1/2 | 4.89 | 17.00 | P-110 | 1.92 |
| Casing Joints | 31 | 5 1/2 | 4.89 | 17.00 | P-110 | 1,334.11 |
| Marker Joint 4 | 1 | 5 1/2 | 4.89 | 17.00 | P-110 | 21.70 |
| Casing Joints | 36 | 5 1/2 | 4.89 | 17.00 | P-110 | 1,557.62 |
| Marker Joint 3 | 1 | 5 1/2 | 4.89 | 17.00 | P-110 | 21.45 |
| Casing Joints | 44 | 5 1/2 | 4.89 | 17.00 | P-110 | 1,846.13 |
| Marker Joint 2 | 1 | 5 1/2 | 4.89 | 17.00 | P-110 | 22.15 |
| Casing Joints | 44 | 5 1/2 | 4.89 | 17.00 | P-110 | 1,908.04 |
| Marker Joint 1 | 1 | 5 1/2 | 4.89 | 17.00 | P-110 | 22.18 |
| Casing Joints | 46 | 5 1/2 | 4.89 | 17.00 | P-110 | 1,997.23 |
| Cross Over | 1 | 5 1/2 | 4.89 | 17.00 | P-110 | 4.05 |
| Toe Sleeve | 1 | 5 1/2 | 4.89 | 17.00 | P-110 | 5.10 |
| Cross Over | 1 | 5 1/2 | 4.89 | 17.00 | P-110 | 4.00 |
| Float Collar | 1 | 5 1/2 | 4.89 | 17.00 | P-110 | 2.42 |
| Casing Joints | 1 | 5 1/2 | 4.89 | 17.00 | P-110 | 44.22 |
| Float Collar | 1 | 5 1/2 | 4.89 | 17.00 | P-110 | 2.42 |
| Float Shoe | 1 | 5 1/2 | 4.89 | 17.00 | P-110 | 2.65 |

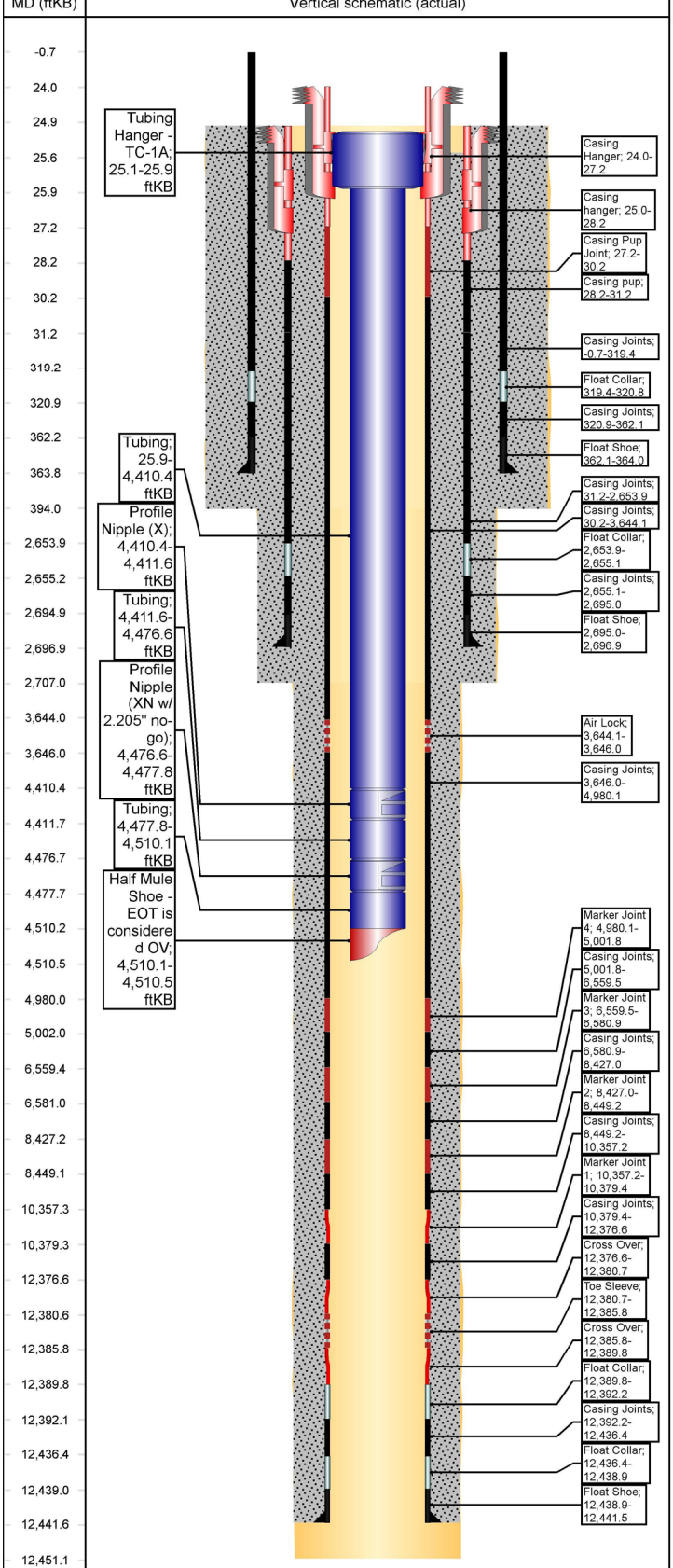
**Intermediate, 2,696.9ftKB**

| 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 | 25.0 | 2,696.9 | | 8.92 |

WellView

# Wellbore Schematic - Components and Cement

**Well Name: GREATER LYBROOK UNIT 051H (FKA WLU 778H)**




## Casing Components

| Item Des | Jts | OD (in) | ID (in) | Wt (lb/ft) | Grade | Len (ft) |
|---|---|---|---|---|---|---|
| Landing joint | 0 | 9 5/8 | 8.92 | 36.00 | J-55 | 0.00 |
| Casing Joints | 0 | 9 5/8 | 8.92 | 36.00 | J-55 | 0.00 |
| Landing joint | 0 | 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 | 1 | 9 5/8 | 8.92 | 36.00 | J-55 | 3.00 |
| Casing Joints | 65 | 9 5/8 | 8.92 | 36.00 | J-55 | 2,622.67 |
| Float Collar | 1 | 9 5/8 | 8.92 | 36.00 | J-55 | 1.20 |
| Casing Joints | 1 | 9 5/8 | 8.92 | 36.00 | J-55 | 39.94 |
| Float Shoe | 1 | 9 5/8 | 8.92 | 36.00 | J-55 | 1.90 |

## Surface, 364.0ftKB

| 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 | -0.7 | 364.0 | | 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 | 320.11 |
| Float Collar | 1 | 13 3/8 | 12.62 | 54.50 | J-55 | 1.48 |
| Casing Joints | 1 | 13 3/8 | 12.62 | 54.50 | J-55 | 41.27 |
| Float Shoe | 1 | 13 3/8 | 12.62 | 54.50 | J-55 | 1.88 |

## Cement

### Surface Casing Cement, Casing, 3/1/2023 14:00

| Description | String | Cementing Start Date | Cementing End Date |
|---|---|---|---|
| Surface Casing Cement | Surface, 364.0ftKB | 3/1/2023 14:00 | 3/1/2023 16:30 |

**Cement Stages**

| Stg # | Top (ftKB) | Btm (ftKB) | Com |
|---|---|---|---|
| 0 | 25.0 | 394.0 | |

### Intermediate Casing Cement, Casing, 4/16/2023 07:15

| Description | String | Cementing Start Date | Cementing End Date |
|---|---|---|---|
| Intermediate Casing Cement | Intermediate, 2,696.9ftKB | 4/16/2023 07:15 | 4/16/2023 08:45 |

**Cement Stages**

| Stg # | Top (ftKB) | Btm (ftKB) | Com |
|---|---|---|---|
| 1 | 25.0 | 2,707.0 | PJSM with Drake Energy Services. Pressure tested lines to 2000 psi. Pumped 10 bbls FW, 10 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 195 bbls (491 sx) 90:10 Poz:Type III at 12.5 ppg, 2.14 ft3/sk, 12.05 gal H2O/sk. Pumped Tail Cement: 33.0 bbls (137 sx) Type III Blend at 14.6 ppg, 1.38 ft3/sk, 6.61 gal H2O/sk. Dropped plug & began displacement. Displaced with 205.0 bbls FW. FCP at 800 psi and Bump Plug to 1430 psi @ 2.8 BPM, bled back 1.0 bbls, floats held. Maintained returns throughout job. Calculated 70 bbls to surface and got 65 bbls of good cement to surface. Top of Lead to surface and top of tail at 2,104 ft MD. |

### Production Casing Cement, Casing, 5/4/2023 05:35

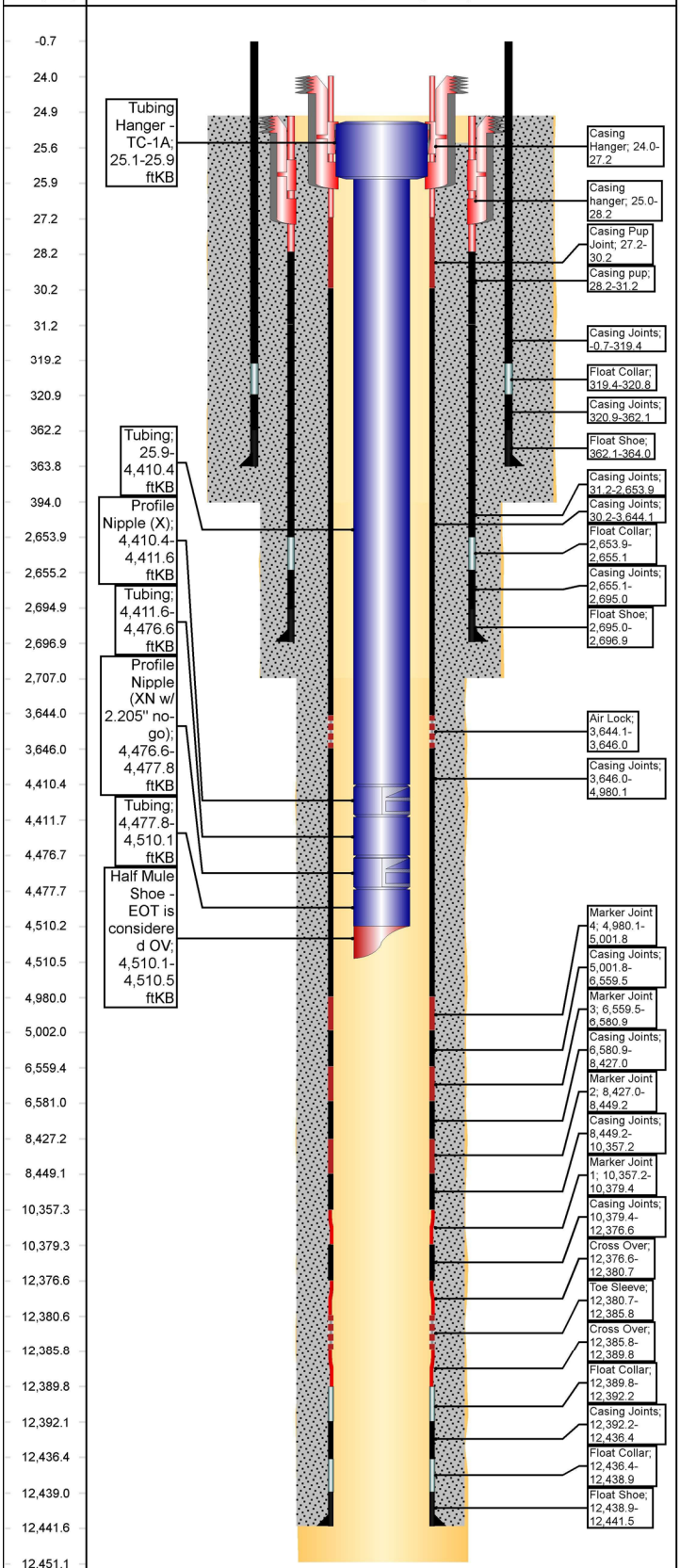
| Description | String | Cementing Start Date | Cementing End Date |
|---|---|---|---|
| Production Casing Cement | Production, 12,441.5ftKB | 5/4/2023 05:35 | 5/4/2023 08:31 |

WellView

# Wellbore Schematic - Components and Cement

**Well Name: GREATER LYBROOK UNIT 051H (FKA WLU 778H)**

Original Hole, 11/11/2024 11:21:27 AM




## Cement Stages

| Stg # | Top (ftKB) | Btm (ftKB) | Com |
|---|---|---|---|
| 1 | 25.5 | 12,441.5 | Cement Summary: PJSM with American Cementing. Pressure tested lines to 6,500 psi. Pumped 60 bbls Intraguard Star @11.0 ppg. Pumped Lead Cement: 204 bbls 480 sx) ASTM Type I/II at 12.4 ppg, 2.39 ft3/sk, 13.28 gal H2O/sk. Pumped Tail Cement: 507 bbls (1803 sx) Class G Cement at 13.3 ppg, 1.58 ft3/sk, 7.58 gal H2O/sk. Washed lines, dropped plug & began displacement. Displaced with 333 bbls FW with cement retarder in 1st 50 bbls. FCP at 2,157--psi Bump Plug at 4.0 bpm to 3,369- psi. Bled back 3 Bbls and floats held. Cement From 18:45 To 22:15 - 12/17/2022 Top of Tail: Calculated 2,796ft MD. Top of Lead: Surface Cement Back 45 BBL, Calculated Back 60 bbl's Cement in place at 22:15 on 12/17/2022, Wash Through All Cement Lines, Rig Down American |

## Wellbores

### Original Hole

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

### Wellbore Sections

| Section Des | Size (in) | Act Top (ftKB) | Act Btm (ftKB) |
|---|---|---|---|
| Surface | 17 1/2 | 25.0 | 394.0 |
| Intermediate | 12 1/4 | 394.0 | 2,707.0 |
| Production | 8 1/2 | 2,707.0 | 12,451.0 |

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

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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



## CONDITIONS

| | |
|---|---|
| Operator:<br>DJR OPERATING, LLC<br>200 Energy Court<br>Farmington, NM 87401 | OGRID:<br>371838 |
| | Action Number:<br>437565 |
| | Action Type:<br>[C-103] Sub. Workover (C-103R) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| andrew.fordyce | Accepted for record. | 9/17/2025 |