

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.**

5. Lease Serial No. **N0G14031939**  
6. If Indian, Allottee or Tribe Name  
**EASTERN NAVAJO**

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. <b>Greater Lybrook/NMNM144419X</b>
2. Name of Operator <b>ENDURING RESOURCES LLC</b>		8. Well Name and No. <b>GREATER LYBROOK UNIT/794H</b>
3a. Address <b>200 ENERGY COURT, FARMINGTON, NM 8740</b>	3b. Phone No. (include area code) <b>(505) 497-8574</b>	9. API Well No. <b>3004535821</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SEC 28/T23N/R9W/NMP</b>		10. Field and Pool or Exploratory Area <b>W LYBROOK MANCOS W/W LYBROOK MANCOS W</b>
		11. Country or Parish, State <b>SAN JUAN/NM</b>

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 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 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 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 determined 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: 4,616 MD

Packer: None

GLVs: None

Orifice Valve: none - EOT

Job Start: 7/13/2023

Job End: 7/13/2023

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>HEATHER HUNTINGTON / Ph: (505) 636-9751</b>	Title <b>Permitting Technician</b>
Signature	Date <b>08/11/2023</b>

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

Approved by <b>KENNETH G RENNICK / Ph: (505) 564-7742 / Accepted</b>	Title <b>Petroleum Engineer</b>	Date <b>08/14/2023</b>
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 <b>FARMINGTON</b>		

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)

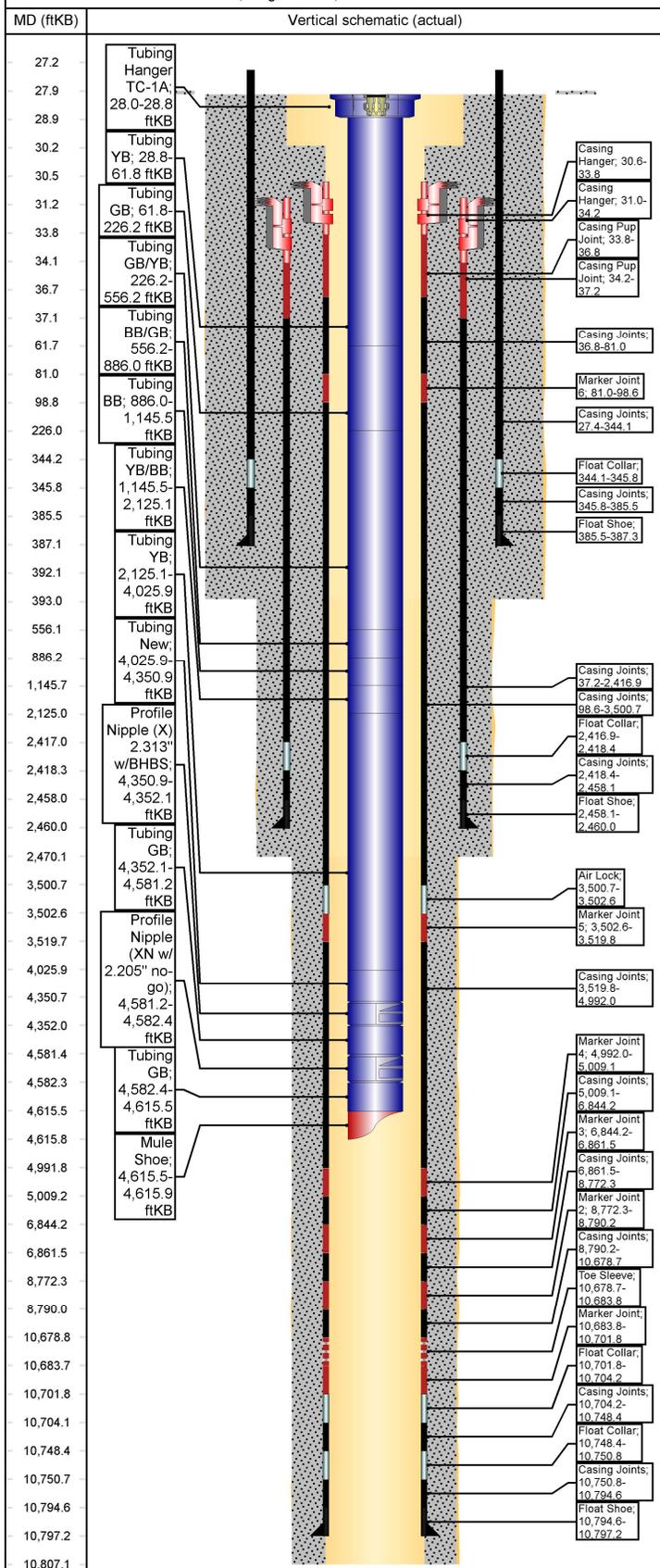


## Wellbore Schematic - Components and Cement

**Well Name: GREATER LYBROOK UNIT 794H (FKA KIMBETO WASH)**

API/UWI 30-045-35821	County San Juan	State/Province New Mexico	Surface Legal Location (UNIT C) NE/4 NW/4, SECTION 28, T23N, R09W
Spud Date 3/27/2022	On Production Date	Abandon Date	Ground Elevation (ft) 6,534.00
		Original KB Elevation (ft) 6,562.00	Total Depth (All) (ftKB) Original Hole - 10,807.0
			PBTD (All) (ftKB)

Horizontal, Original Hole, 7/21/2023 10:09:34 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	

Tubing Strings						
Tubing - Production set at 4,615.9ftKB on 7/13/2023 15:45						
Tubing Description	Len (ft)	Set Depth (ftKB)	Run Date	Cut/Pull Date	Depth C...	
Tubing - Production	4,587.82	4,615.9	7/13/2023			

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	28.0	28.8		
1	Tubing YB	2 7/8	33.00	28.8	61.8	L-80	6.50
5	Tubing GB	2 7/8	164.34	61.8	226.2	L-80	6.50
10	Tubing GB/YB	2 7/8	330.03	226.2	556.2	L-80	6.50
10	Tubing BB/GB	2 7/8	329.84	556.2	886.0	L-80	6.50
8	Tubing BB	2 7/8	259.50	886.0	1,145.5	L-80	6.50
30	Tubing YB/BB	2 7/8	979.53	1,145.5	2,125.1	L-80	6.50
58	Tubing YB	2 7/8	1,900.84	2,125.1	4,025.9	L-80	6.50
10	Tubing New	2 7/8	324.96	4,025.9	4,350.9	J-55	6.50
1	Profile Nipple (X) 2.313" w/BHBS	2 7/8	1.20	4,350.9	4,352.1		6.50
7	Tubing GB	2 7/8	229.16	4,352.1	4,581.2	L-80	6.50
1	Profile Nipple (XN w/ 2.205" no-go)	2 7/8	1.20	4,581.2	4,582.4		6.50
1	Tubing GB	2 7/8	33.02	4,582.4	4,615.5	L-80	6.50
1	Mule Shoe	2 7/8	0.40	4,615.5	4,615.9		6.50

Casing Strings						
Production, 10,797.2ftKB						
Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...
Production	5 1/2	20.00	P-110	30.6	10,797.2	4.78

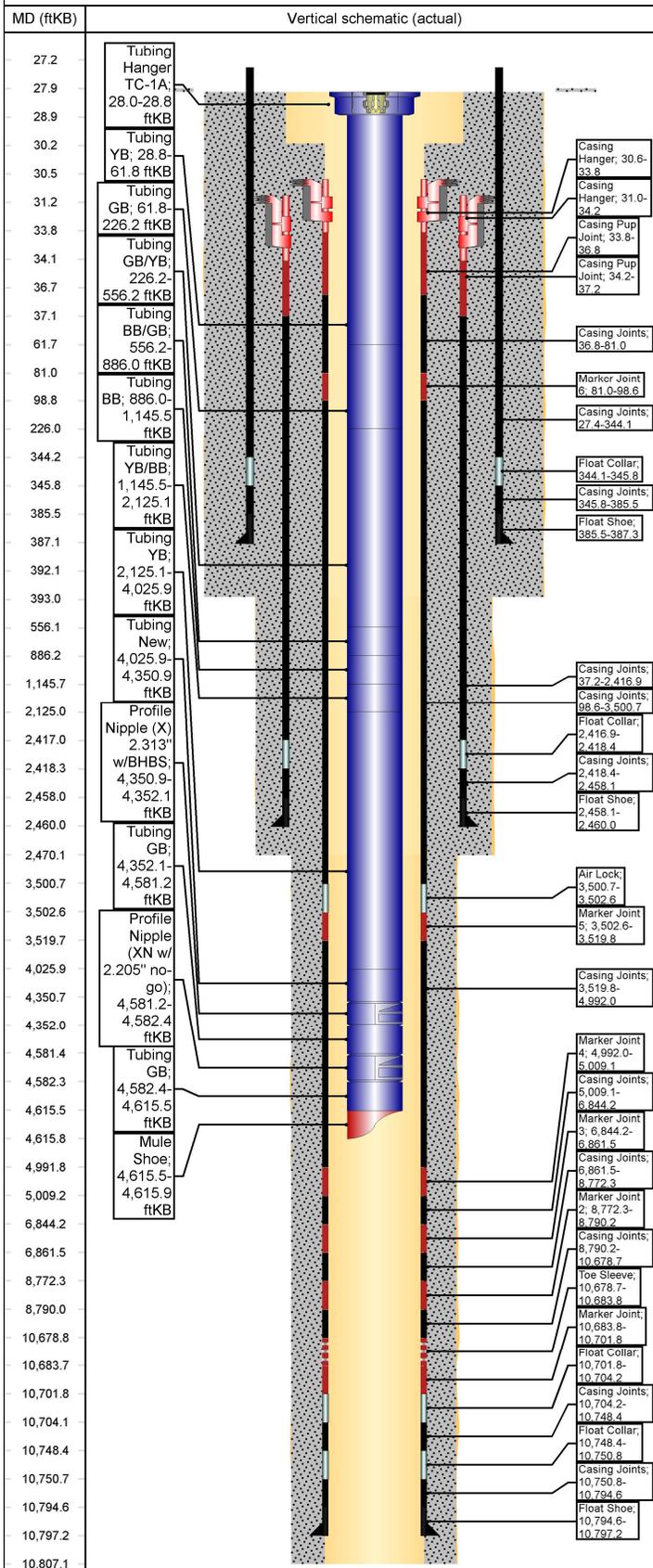
Casing Components						
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Marker Joint 7	0	5 1/2	4.78	20.00	P-110	0.00
Casing Joints	0	5 1/2	4.78	20.00	P-110	0.00
Landing Joint	0	5 1/2	4.78	20.00	P-110	0.00
Casing Hanger	1	5 1/2	4.78	20.00	P-110	3.20
Casing Pup Joint	1	5 1/2	4.78	20.00	P-110	3.00
Casing Joints	1	5 1/2	4.78	20.00	P-110	44.17
Marker Joint 6	1	5 1/2	4.78	20.00	P-110	17.66
Casing Joints	78	5 1/2	4.78	20.00	P-110	3,402.05
Air Lock	1	5 1/2	4.78	20.00	P-110	1.92
Marker Joint 5	1	5 1/2	4.78	20.00	P-110	17.16
Casing Joints	34	5 1/2	4.78	20.00	P-110	1,472.18
Marker Joint 4	1	5 1/2	4.78	20.00	P-110	17.18
Casing Joints	42	5 1/2	4.78	20.00	P-110	1,835.10
Marker Joint 3	1	5 1/2	4.78	20.00	P-110	17.22
Casing Joints	44	5 1/2	4.78	20.00	P-110	1,910.85
Marker Joint 2	1	5 1/2	4.78	20.00	P-110	17.85
Casing Joints	44	5 1/2	4.78	20.00	P-110	1,888.56
Toe Sleeve	1	5 1/2	4.78	20.00	P-110	5.10
Marker Joint	1	5 1/2	4.78	20.00	P-110	17.95
Float Collar	1	5 1/2	4.78	20.00	P-110	2.42

# WellView®

## Wellbore Schematic - Components and Cement

Well Name: GREATER LYBROOK UNIT 794H (FKA KIMBETO WASH)

Horizontal, Original Hole, 7/21/2023 10:09:36 AM



### Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	1	5 1/2	4.78	20.00	P-110	44.16
Float Collar	1	5 1/2	4.78	20.00	P-110	2.42
Casing Joints	1	5 1/2	4.78	20.00	P-110	43.78
Float Shoe	1	5 1/2	4.78	20.00	P-110	2.65

### Intermediate, 2,460.0ftKB

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	31.0	2,460.0		8.92

### Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
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 Joint	1	9 5/8	8.92	36.00	J-55	3.00
Casing Joints	60	9 5/8	8.92	36.00	J-55	2,379.72
Float Collar	1	9 5/8	8.92	36.00	J-55	1.50
Casing Joints	1	9 5/8	8.92	36.00	J-55	39.66
Float Shoe	1	9 5/8	8.92	36.00	J-55	1.90

### Surface, 387.3ftKB

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	27.4	387.3		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	316.75
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	39.70
Float Shoe	1	13 3/8	12.62	54.50	J-55	1.84

### Cement

#### Surface Casing Cement, Casing, 3/29/2022 12:30

Description	String	Cementing Start Date	Cementing End Date
Surface Casing Cement	Surface, 387.3ftKB	3/29/2022 12:30	3/29/2022 13:45

### Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	28.0	392.0	PJSM, test lines, pump 10 bbls FW spacer, 10 bbls Sapp sweep, 10 bbls FW spacer & 86 bbls Type III cmt (350 sxs) @ 14.6 PPG, drop plug & disp w/ 49.5 bbls H2O, Did not bump plug( casing started to raise up), circ 32 bbls good cmt to surface

#### Intermediate Casing Cement, Casing, 5/3/2022 08:30

Description	String	Cementing Start Date	Cementing End Date
Intermediate Casing Cement	Intermediate, 2,460.0ftKB	5/3/2022 08:30	5/3/2022 11:00

### Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	27.9	2,460.0	Cement Offline as follows: PJSM with Drake Energy Services. Pressure tested lines to 2,000 psi. Pumped 10 bbls FW, 20 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 267.0 bbls (701 sx) 90:10 Poz:Type III at 12.5 ppg, 2.14 ft3/sk, 12.05 gal H2O/sk. Pumped Tail Cement: 33.4 bbls (136 sx) Type III Blend at 14.6 ppg, 1.38 ft3/sk, 6.64 gal H2O/sk. Dropped plug & began displacement. Displaced with 264 bbls FW. FCP at 1100 psi Bumped Plug at 1690 psi On Well. Maintained returns throughout job. Calculated 64 bbls to surface and got 64 bbls of good cement to surface. Top of Lead to surface and top of tail at 2,958 - ft MD. Released Rig @ 064:00 4/28/2022 to the Kimbeto Wash Unit 793 H. (Cement 07:20 Hour's To 09:56 Hour's on -4/28/2022 )

#### Production Casing Cement, Casing, 5/28/2022 13:20

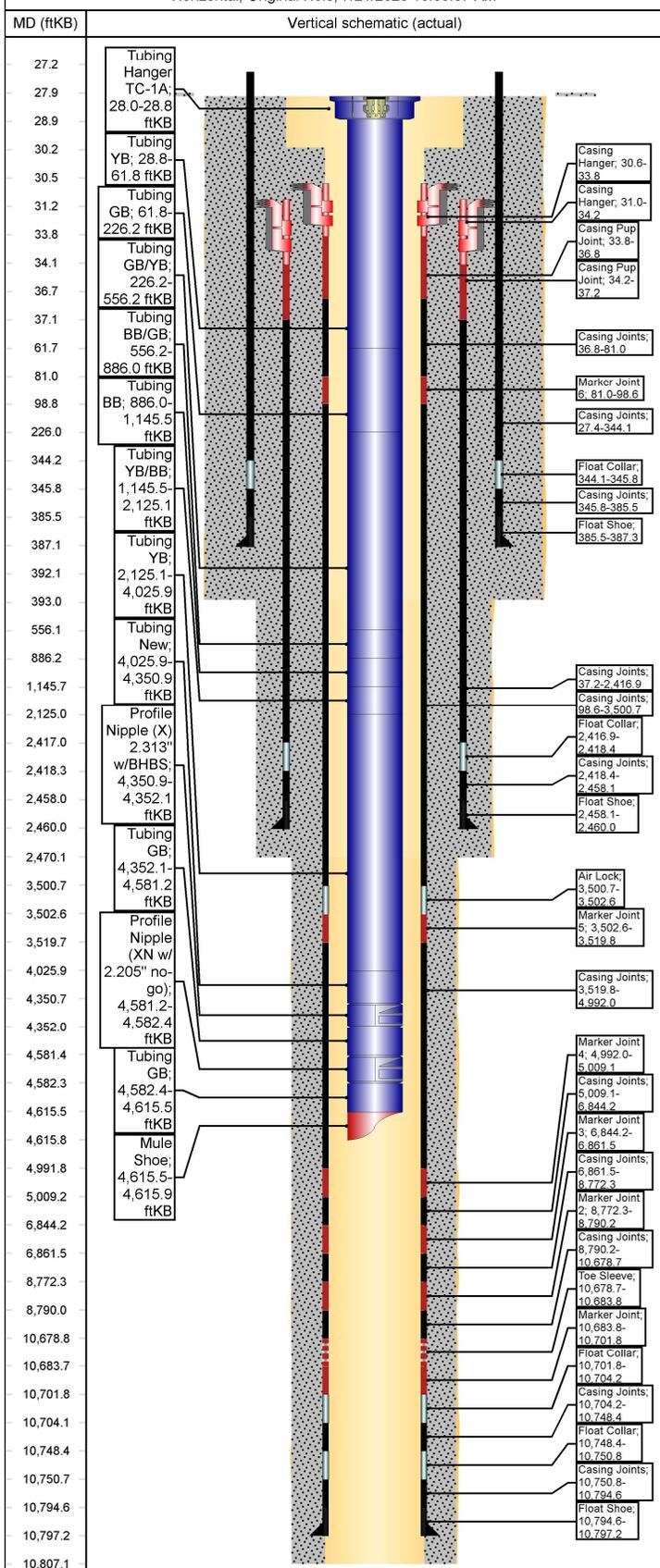
Description	String	Cementing Start Date	Cementing End Date
Production Casing Cement	Production, 10,797.2ftKB	5/28/2022 13:20	5/28/2022 19:50



# Wellbore Schematic - Components and Cement

Well Name: **GREATER LYBROOK UNIT 794H (FKA KIMBETO WASH)**

Horizontal, Original Hole, 7/21/2023 10:09:37 AM



## Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	30.1	10,807.0	PJSM with American Cementing. Pressure tested lines to 5100 psi. Pumped Tail Cement @ Cement Summary: 11.0 ppg. Pumped Lead Cement: 192 bbls 379 sx) ASTM Type I/II at 12.4 ppg, 2.36 ft <sup>3</sup> /sk, 13.39 gal H <sub>2</sub> O/sk. Pumped Tail Cement: 327 bbls (2,503 sx) Class G Cement at 13.3 ppg, 1.56 ft <sup>3</sup> /sk, 7.69 gal H <sub>2</sub> O/sk. Washed lines, dropped plug & began displacement. Displaced with 238 bbls FW with cement retarder in 1st 50 bbls. FCP at 1,700-- psi Bump Plug at 4.0 bpm to 2,800-- psi. Bled back 2.0 Bbls and floats held. Cement From 04:00 To 08:00-5/29/2022  Top of Tail: Calculated 2,845 ft MD. Tof of Lead: surface Cement Back 58 BBL, Calculated Back 58- bbl's  Cement in place at 07:15-- on 5/29/2022

## 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	28.0	393.0
Intermediate	12 1/4	393.0	2,470.0
Production	8 1/2	2,470.0	10,807.0

**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 265062

**CONDITIONS**

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 265062
	Action Type: [C-103] Sub. Workover (C-103R)

**CONDITIONS**

Created By	Condition	Condition Date
dmcclure	None	9/15/2023