

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. **N0G14041965**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 **1050 17TH STREET SUITE 2500, DENVER, CO** 3b. Phone No. (include area code)  
**(303) 573-1222**4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEC 28/T23N/R9W/NMP**7. If Unit of CA/Agreement, Name and/or No.  
**Greater Lybrook/NMNM144419X**8. Well Name and No. **GREATER LYBROOK UNIT/772H**9. API Well No. **3004535825**10. Field and Pool or Exploratory Area  
**W LYBROOK MANCOS W/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 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 a wellbore cleanout. An updated well schematic is attached.

EOT: 5,038 MD

Packer: NA

GLVs: 4,108 MD

Orifice Valve: none - EOT

Job Start: 4/27/2023

Job End: 5/4/2023

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

**05/31/2023****THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

**MATTHEW H KADE / Ph: (505) 564-7736 / Accepted**Title **Petroleum Engineer**Date **05/31/2023**

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)

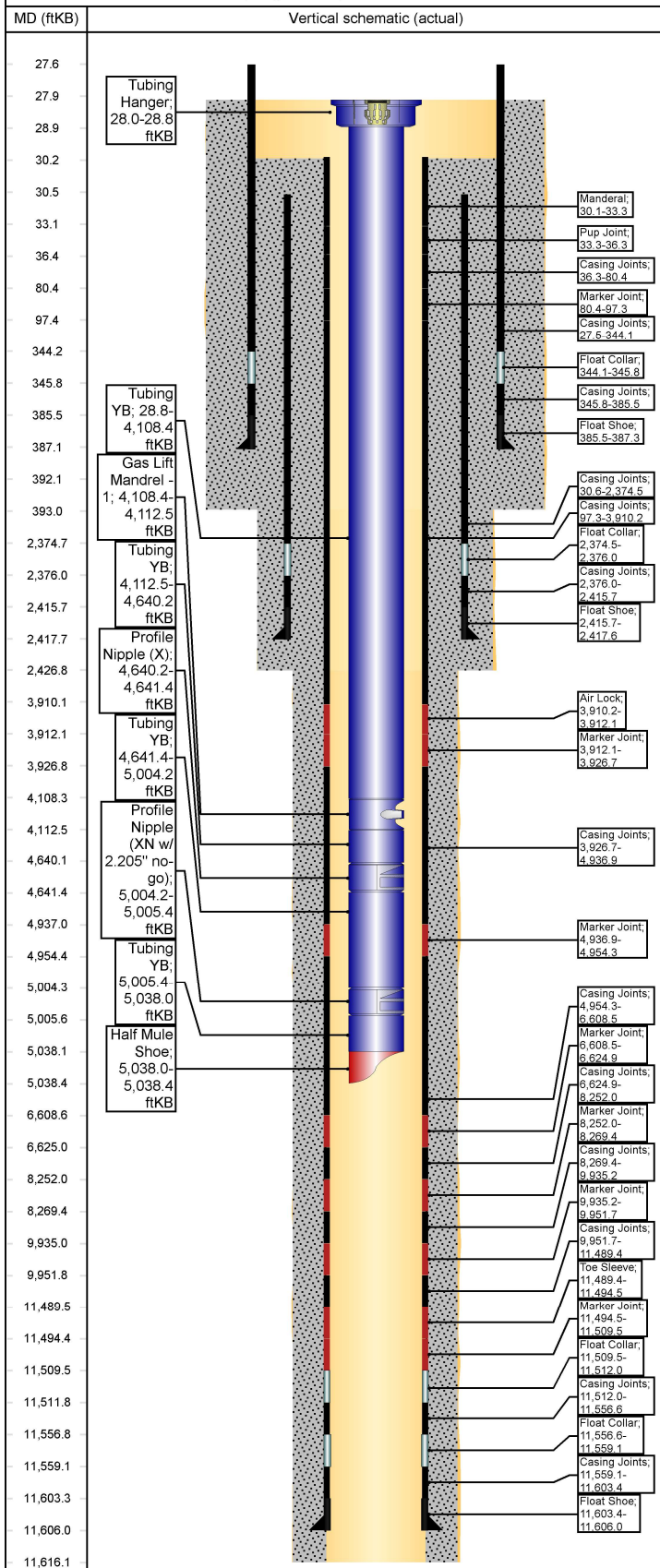


## Wellbore Schematic - Components and Cement

Well Name: GREATER LYBROOK UNIT 772H (FKA KIMBETO WASH)

API/UWI 30-045-35825		County SAN JUAN		State/Province NEW MEXICO		Surface Legal Location Unit C, NE/4, NW/4, Section 28, Twp 23N, Rng 09W, NMPM							
Spud Date 3/25/2022		On Production Date		Abandon Date		Ground Elevation (ft) 6,534.00		Original KB Elevation (ft) 6,562.00		Total Depth (All) (ftKB) Original Hole - 11,616.0		PBTD (All) (ftKB)	

Horizontal, Original Hole, 5/11/2023 2:47:11 PM



## Other Strings

String Description	String Length (ft)	Set Depth (ftKB)	Run Date
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## Other In Hole

Des	String	Top (ftKB)	Btm (ftKB)	Run Date
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## Rod Strings

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

Rod Description	String Length (ft)	Set Depth (ftKB)	Run Date
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Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
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## Tubing Strings

Tubing - Production set at 5,038.4ftKB on 5/4/2023 14:30

Tubing Description	Len (ft)	Set Depth (ftKB)	Run Date	Cut/Pull Date	Depth C...
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Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
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1	Tubing Hanger	4 3/4	0.80	28.0	28.8		
12	Tubing YB	2 7/8	4,079.5	28.8	4,108.4	L-80	6.50
4			5				
1	Gas Lift Mandrel - 1	2 7/8	4.10	4,108.4	4,112.5		
16	Tubing YB	2 7/8	527.74	4,112.5	4,640.2	L-80	6.50
1	Profile Nipple (X)	2 7/8	1.20	4,640.2	4,641.4		
11	Tubing YB	2 7/8	362.85	4,641.4	5,004.2	L-80	6.50
1	Profile Nipple (XN w/ 2.205\" no-go)	2 7/8	1.20	5,004.2	5,005.4		
1	Tubing YB	2 7/8	32.60	5,005.4	5,038.0	L-80	6.50
1	Half Mule Shoe	2 7/8	0.40	5,038.0	5,038.4		

## Casing Strings

Production, 11,606.0ftKB

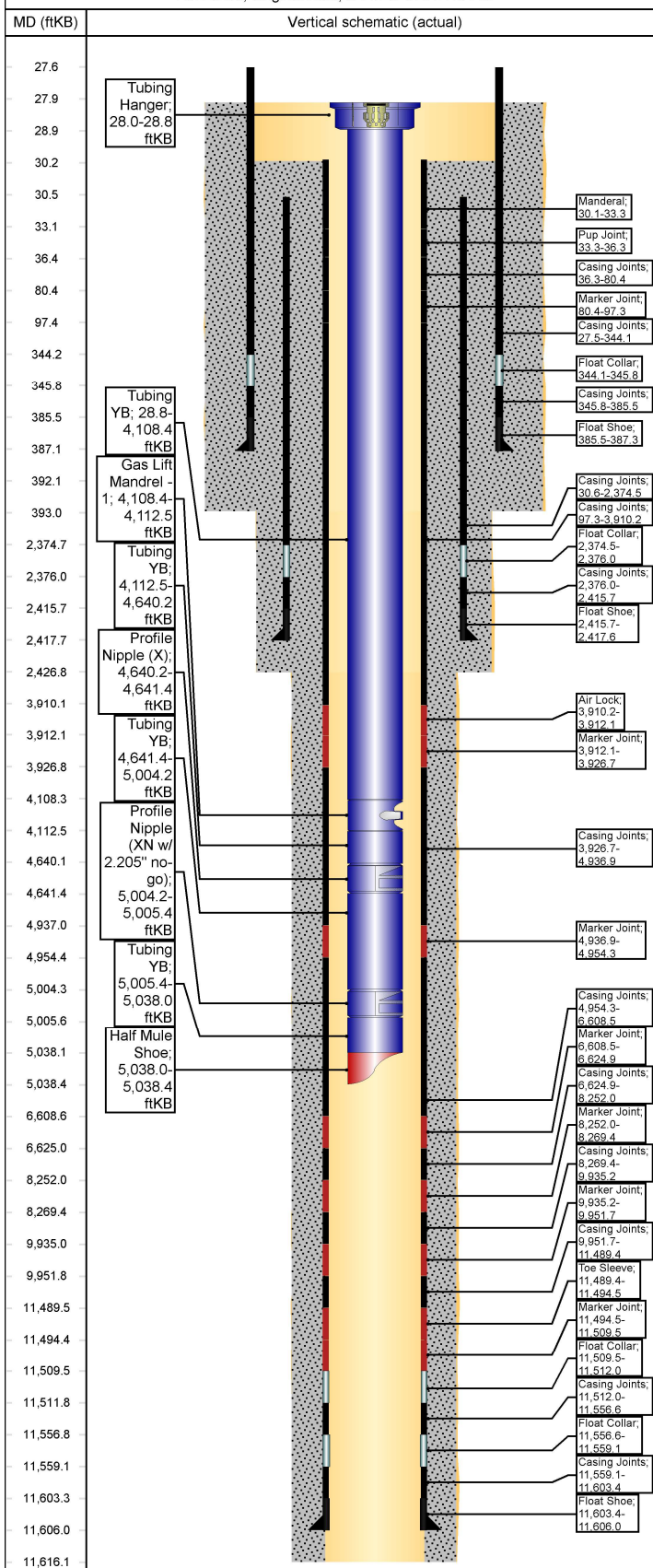
Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
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Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
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Casing Joints	0	5 1/2	4.78	20.00	C-75	0.00
Landing Joint	0	5 1/2	4.78	20.00	C-75	0.00
Mandrel	1	5 1/2	4.78	20.00	C-75	3.20
Pup Joint	1	5 1/2	4.78	20.00	C-75	3.00
Casing Joints	1	5 1/2	4.78	20.00	C-75	44.17
Marker Joint	1	5 1/2	4.78	20.00	C-75	16.90
Casing Joints	87	5 1/2	4.78	20.00	C-75	3,812.85
Air Lock	1	5 1/2	4.78	20.00	C-75	1.92
Marker Joint	1	5 1/2	4.78	20.00	C-75	14.60
Casing Joints	23	5 1/2	4.78	20.00	C-75	1,010.24
Marker Joint	1	5 1/2	4.78	20.00	C-75	17.37
Casing Joints	38	5 1/2	4.78	20.00	C-75	1,654.18
Marker Joint	1	5 1/2	4.78	20.00	C-75	16.37
Casing Joints	37	5 1/2	4.78	20.00	C-75	1,627.19
Marker Joint	1	5 1/2	4.78	20.00	C-75	17.35
Casing Joints	38	5 1/2	4.78	20.00	C-75	1,665.76
Marker Joint	1	5 1/2	4.78	20.00	C-75	16.54
Casing Joints	35	5 1/2	4.78	20.00	C-75	1,537.73
Toe Sleeve	1	5 1/2	4.78	20.00	C-75	5.10
Marker Joint	1	5 1/2	4.78	20.00	C-75	14.97
Float Collar	1	5 1/2	4.78	20.00	C-75	2.47
Casing Joints	1	5 1/2	4.78	20.00	C-75	44.65
Float Collar	1	5 1/2	4.70	20.00		2.47
Casing Joints	1	5 1/2	4.78	20.00	P-110	44.26
Float Shoe	1	5 1/2	4.70	20.00		2.65

Well Name: GREATER LYBROOK UNIT 772H (FKA KIMBETO WASH)

Horizontal, Original Hole, 5/11/2023 2:47:13 PM



## Casing Strings

## Intermediate, 2,417.6ftKB

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	30.6	2,417.6		8.92

## Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	61	9 5/8	8.92	36.00	J-55	2,343.91
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	39.65
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	27.5	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	316.65
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, 3/27/2022 12:00

Description	String	Cementing Start Date	Cementing End Date
Surface Casing Cement	Surface, 387.3ftKB	3/27/2022 12:00	3/27/2022 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 bbls H2O, Bump plug @ 530 psi, circ 49 bbls good cmt to surface

## Intermediate Casing Cement, Casing, 5/1/2022 19:00

Description	String	Cementing Start Date	Cementing End Date
Intermediate Casing Cement	Intermediate, 2,417.6ftKB	5/1/2022 19:00	5/1/2022 21:00

## Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	30.4	2,427.0	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: 163.0 bbls (428 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 183 bbls FW. FCP at 1100 psi Bumped Plug at 1590 psi On Well. Maintained returns throughout job. Calculated 55 bbls to surface and got 43 bbls of good cement to surface. Top of Lead to surface and top of tail at 1,836 - ft MD. Released Rig @ 18:00 5/1/2022 to the Kimbeto Wash Unit 794 H. (Cement 19:30 Hour's To 21:00 Hour's on -5/1/2022 )

## Production Casing Cement, Casing, 5/25/2022 03:20

Description	String	Cementing Start Date	Cementing End Date
Production Casing Cement	Production, 11,606.0ftKB	5/25/2022 03:20	5/13/2022 07:58

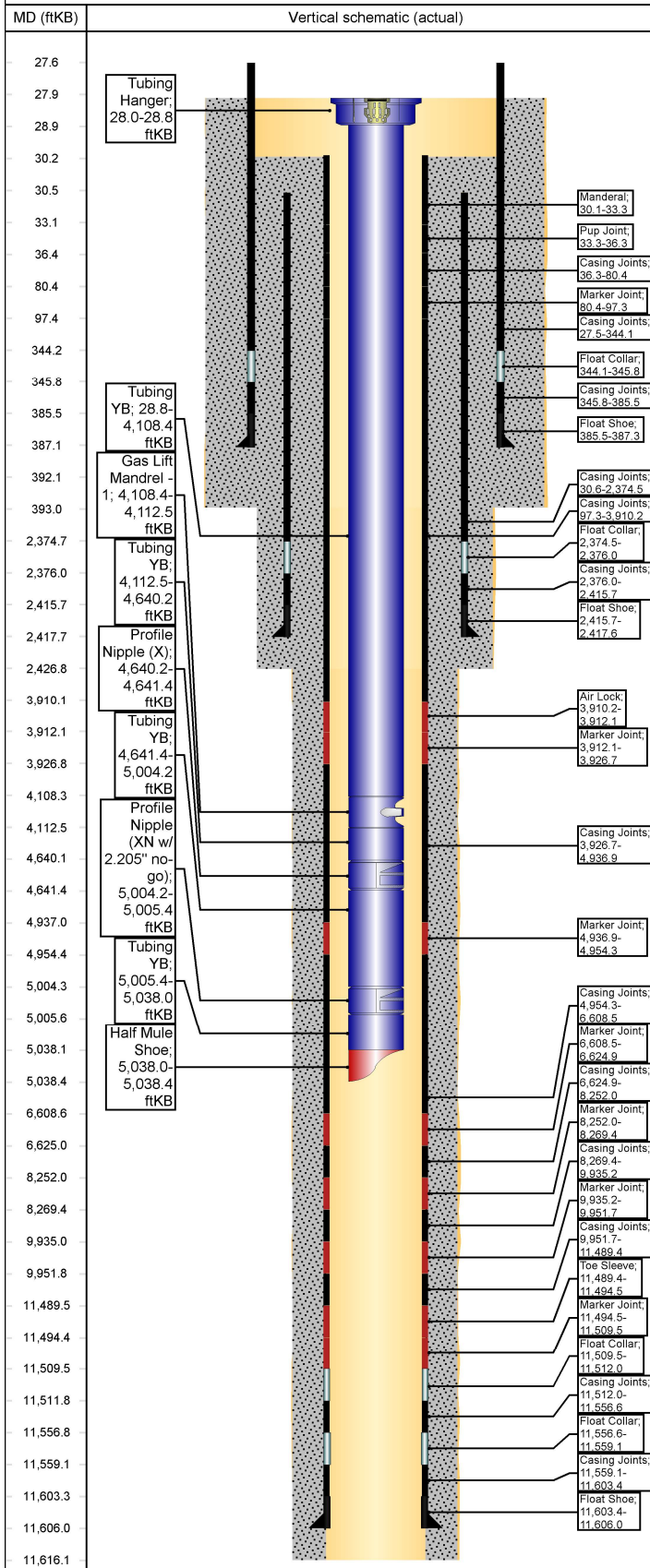




## Wellbore Schematic - Components and Cement

Well Name: GREATER LYBROOK UNIT 772H (FKA KIMBETO WASH)

Horizontal, Original Hole, 5/11/2023 2:47:15 PM



## Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	30.1	11,616.0	<p>Cement Summary:</p> <p>PJSM with American Cementing. Pressure tested lines to 5100 psi. Pumped 60 bbls Intraguard Star @ 11.0 ppg. Pumped Lead Cement: 162. bbls (471 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: 744 bbls (1463 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 &amp; began displacement. Displaced with 442.5 bbls FW with cement retarder in 1st 50 bbls. FCP at 2,020 psi Bump Plug at 4.0 bpm to 2,980 psi. Bled back 4.5 Bbls and floats held. Rig Released @02:00 - 5/13/2022 Cement From 03:20 To 08:00 - 5/13/2022</p> <p>Top of Tail: Calculated 2,105 ft MD.</p> <p>Tof of Lead: surface</p> <p>Cement Back 62 BBL, Calculated Back 62 bbl's</p> <p>Cement in place at 08:00 on 5/13/2022</p>

## Production Casing Cement, Casing, 5/25/2022 03:20

Description	String	Cementing Start Date	Cementing End Date
Production Casing Cement	Production, 11,606.0ftKB	5/25/2022 03:20	7/16/2022 20:30

## Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	30.1	11,616.0	<p>Cement Summary:</p> <p>PJSM with American Cementing. Pressure tested lines to 5100 psi. Pumped 60 bbls Intraguard Star @ 11.0 ppg. Pumped Lead Cement: 162. bbls (471 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: 744 bbls (1463 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 &amp; began displacement. Displaced with 442.5 bbls FW with cement retarder in 1st 50 bbls. FCP at 2,020 psi Bump Plug at 4.0 bpm to 2,980 psi. Bled back 4.5 Bbls and floats held. Rig Released @02:00 - 5/13/2022 Cement From 03:20 To 08:00 - 5/13/2022</p> <p>Top of Tail: Calculated 2,105 ft MD.</p> <p>Tof of Lead: surface</p> <p>Cement Back 62 BBL, Calculated Back 62 bbl's</p> <p>Cement in place at 08:00 on 5/13/2022</p>

## Wellbores

## Original Hole

Wellbore Name	Parent Wellbore
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	2,427.0
Production	8 1/2	2,427.0	11,616.0



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 225079

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 225079
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	None	11/18/2025