

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. NMNM136267

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 LLC3a. Address 1050 17TH STREET SUITE 2500, DENVER, CO 3b. Phone No. (include area code)
(303) 573-12224. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 28/T23N/R9W/NMP7. If Unit of CA/Agreement, Name and/or No.
Greater Lybrook/NMNM144419X

8. Well Name and No. GREATER LYBROOK UNIT/774H

9. API Well No. 3004535823

10. Field and Pool or Exploratory Area
W LYBROOK MANCOS W/W LYBROOK MANCOS W11. 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	
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
	☐ 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 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 an attempted wellbore cleanout. An updated well schematic is attached.

EOT: 4,906 MD

Packer: NA

GLVs: 3,586 MD, 4,081 MD

Orifice Valve: none - EOT

Job Start: 4/20/2023

Job End: 4/27/2023

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

05/01/2023

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title Petroleum Engineer

Date 05/01/2023

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)

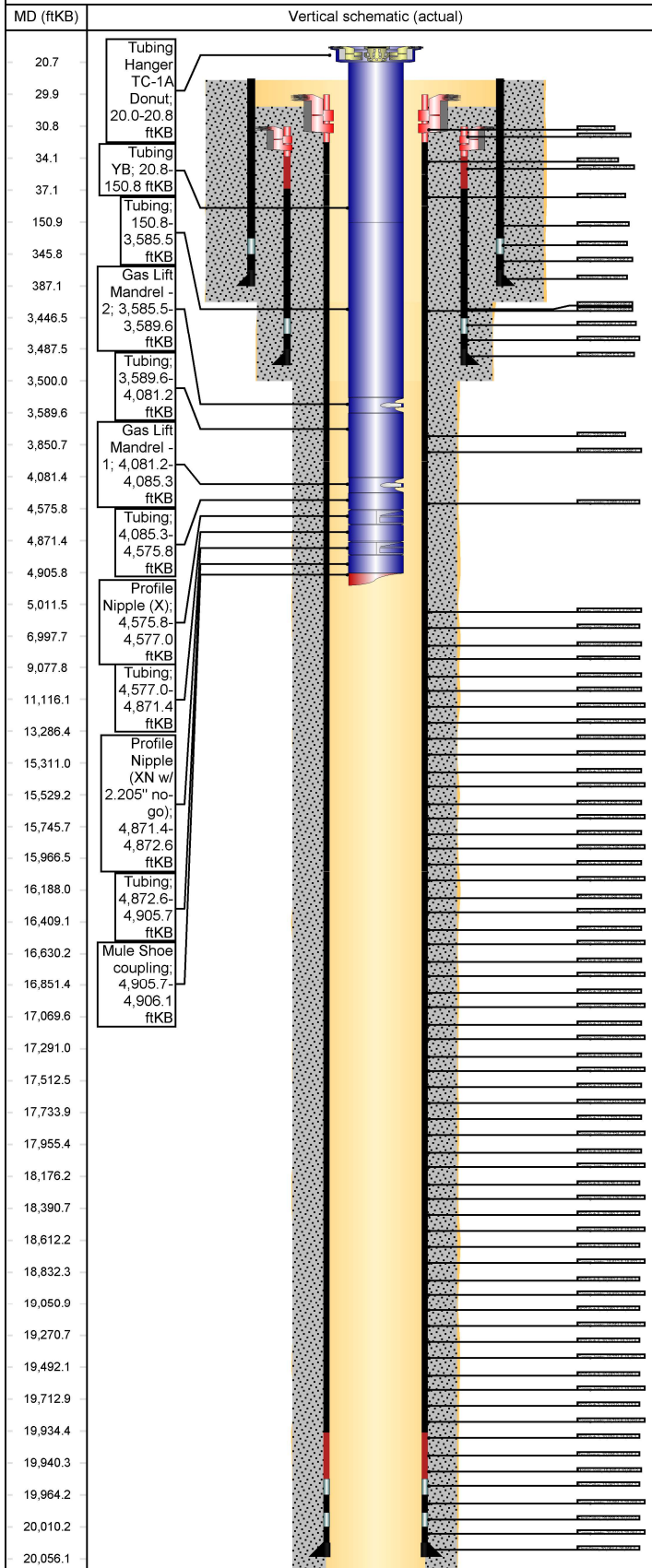


Wellbore Schematic - Components and Cement

Well Name: GREATER LYBROOK UNIT 774H (fka KIMBETO WASH)

API/UWI 30-045-35823		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 3/21/2022		On Production Date		Abandon Date		Ground Elevation (ft) 6,534.00		Original KB Elevation (ft) 6,562.00		Total Depth (All) (ftKB) Original Hole - 20,066.0		PBTD (All) (ftKB)	

Horizontal, Original Hole, 4/28/2023 9:37:11 AM



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
Stage 1 Frac Plug - DDT Ring/Ball		19,918.0	19,918.0	7/8/2022 16:40
Stage 2 Frac Plug - DDT Ring/Ball		19,713.0	19,713.0	7/14/2022 11:05
Stage 3 Frac Plug - DDT Ring/Ball		19,492.0	19,492.0	7/14/2022 20:35
Stage 4 Frac Plug - DDT Ring/Ball		19,271.0	19,271.0	7/15/2022 01:30
Stage 5 Frac Plug - DDT Ring/Ball		19,048.0	19,048.0	7/15/2022 06:05
Stage 6 Frac Plug - DDT Ring/Ball		18,832.0	18,832.0	7/15/2022 11:44

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 4,906.1ftKB on 4/27/2023 10:30

Tubing Description		Len (ft)	Set Depth (ft)	Run Date	Cut/Pull Date	Depth (ft)	
Tubing - Production		4,886.08	4,906.1	4/27/2023			
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger TC-1A Donut	4 3/4	0.80	20.0	20.8		
4	Tubing YB	2 7/8	130.00	20.8	150.8	L-80	6.50
10	Tubing	2 7/8	3,434.70	150.8	3,585.5	L-80	6.50
4							
1	Gas Lift Mandrel - 2	2 7/8	4.10	3,585.5	3,589.6		
15	Tubing	2 7/8	491.63	3,589.6	4,081.2	L-80	6.50
1	Gas Lift Mandrel - 1	2 7/8	4.10	4,081.2	4,085.3		
15	Tubing	2 7/8	490.51	4,085.3	4,575.8	L-80	6.50
1	Profile Nipple (X)	2 7/8	1.20	4,575.8	4,577.0		
9	Tubing	2 7/8	294.33	4,577.0	4,871.4	L-80	6.50
1	Profile Nipple (XN w/ 2.205" no-go)	2 7/8	1.20	4,871.4	4,872.6		
1							
1	Tubing	2 7/8	33.11	4,872.6	4,905.7	L-80	6.50
1	Mule Shoe coupling	2 7/8	0.40	4,905.7	4,906.1		

Casing Strings

Production, 20,056.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Production	5 1/2	20.00	P-110	29.9	20,056.0		4.78

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Marker Joint	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
Casing Joint	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
Hanger	1	5 1/2	4.78	20.00	P-110	3.20
Pup Joint	1	5 1/2	4.78	20.00	P-110	3.00
Casing Joint	1	5 1/2	4.78	20.00	P-110	44.12
Casing Joints	86	5 1/2	4.78	20.00	P-110	3,768.58
Airlock	1	5 1/2	4.78	20.00	P-110	1.92
Marker Joint 7	1	5 1/2	4.78	20.00	P-110	15.70
Casing Joints	26	5 1/2	4.78	20.00	P-110	1,145.14
Marker Joint 6	1	5 1/2	4.78	20.00	P-110	17.23
Casing Joints	45	5 1/2	4.78	20.00	P-110	1,968.89

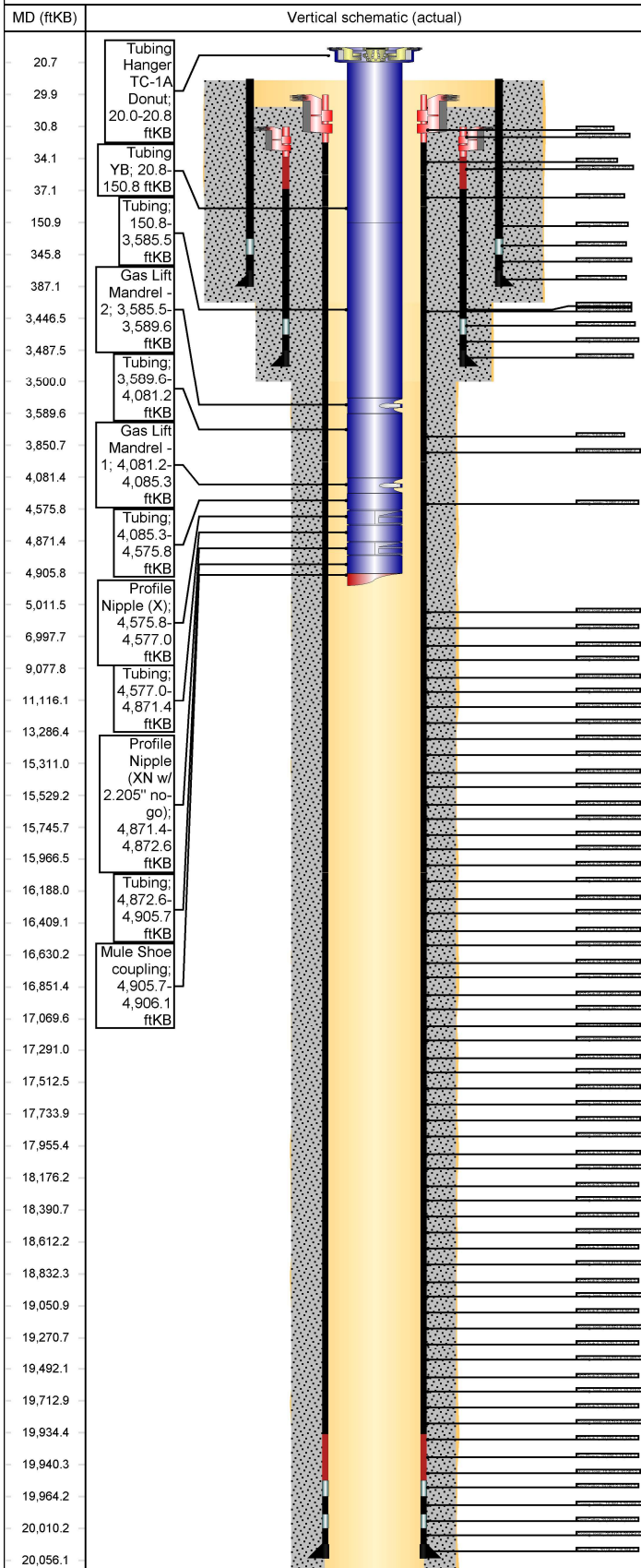
WellView®**Wellbore Schematic - Components and Cement****Well Name: GREATER LYBROOK UNIT 774H (fka KIMBETO WASH)**

Horizontal, Original Hole, 4/28/2023 9:37:13 AM

MD (ftKB)	Vertical schematic (actual)	Casing Components						
		Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
20.7	Tubing Hanger TC-1A Donut; 20.0-20.8 ftKB	Marker Joint 5	1	5 1/2	4.78	20.00	P-110	17.55
29.9		Casing Joints	47	5 1/2	4.78	20.00	P-110	2,062.55
30.8	Tubing YB; 20.8-150.8 ftKB	Marker Joint 4	1	5 1/2	4.78	20.00	P-110	16.90
34.1		Casing Joints	46	5 1/2	4.78	20.00	P-110	2,021.53
37.1	Tubing; 150.8-3,585.5 ftKB	Marker Joint 3	1	5 1/2	4.78	20.00	P-110	17.97
150.9		Casing Joints	49	5 1/2	4.78	20.00	P-110	2,152.12
345.8	Gas Lift Mandrel - 2; 3,585.5-3,589.6 ftKB	Marker Joint 2	1	5 1/2	4.78	20.00	P-110	16.02
387.1		Casing Joints	46	5 1/2	4.78	20.00	P-110	2,008.82
3,446.5	Tubing; 3,589.6-4,081.2 ftKB	DDT Sub 22	1	5 1/2	4.78	20.00	P-110	0.84
3,487.5		Casing Joints	5	5 1/2	4.78	20.00	P-110	217.20
3,500.0	Gas Lift Mandrel - 1; 4,081.2-4,085.3 ftKB	DDT Sub 21	1	5 1/2	4.78	20.00	P-110	0.84
3,589.6		Casing Joints	5	5 1/2	4.78	20.00	P-110	215.88
3,850.7	Tubing; 4,085.3-4,575.8 ftKB	DDT Sub 20	1	5 1/2	4.78	20.00	P-110	0.84
4,081.4		Casing Joints	5	5 1/2	4.78	20.00	P-110	219.88
4,575.8	Profile Nipple (X); 4,575.8-4,577.0 ftKB	DDT Sub 19	1	5 1/2	4.78	20.00	P-110	0.84
4,871.4		Casing Joints	5	5 1/2	4.78	20.00	P-110	220.66
4,905.8	Profile Nipple (XN w/ 2.205" no-go); 4,871.4-4,872.6 ftKB	DDT Sub 18	1	5 1/2	4.78	20.00	P-110	0.84
5,011.5		Casing Joints	5	5 1/2	4.78	20.00	P-110	220.14
6,997.7	Tubing; 4,872.6-4,905.7 ftKB	DDT Sub 17	1	5 1/2	4.78	20.00	P-110	0.84
9,077.8		Casing Joints	5	5 1/2	4.78	20.00	P-110	220.30
11,116.1	Mule Shoe coupling; 4,905.7-4,906.1 ftKB	DDT Sub 16	1	5 1/2	4.78	20.00	P-110	0.84
13,286.4		Casing Joints	5	5 1/2	4.78	20.00	P-110	220.25
15,311.0		DDT Sub 15	1	5 1/2	4.78	20.00	P-110	0.84
15,529.2		Casing Joints	5	5 1/2	4.78	20.00	P-110	217.54
15,745.7		DDT Sub 14	1	5 1/2	4.78	20.00	P-110	0.84
15,966.5		Casing Joints	5	5 1/2	4.78	20.00	P-110	220.47
16,188.0		DDT Sub 13	1	5 1/2	4.78	20.00	P-110	0.84
16,409.1		Casing Joints	5	5 1/2	4.78	20.00	P-110	220.49
16,630.2		DDT Sub 12	1	5 1/2	4.78	20.00	P-110	0.84
16,851.4		Casing Joints	5	5 1/2	4.78	20.00	P-110	220.68
17,069.6		DDT Sub 11	1	5 1/2	4.78	20.00	P-110	0.84
17,291.0		Casing Joints	5	5 1/2	4.78	20.00	P-110	220.82
17,512.5		DDT Sub 10	1	5 1/2	4.78	20.00	P-110	0.84
17,733.9		Casing Joints	5	5 1/2	4.78	20.00	P-110	219.77
17,955.4		DDT Sub 9	1	5 1/2	4.78	20.00	P-110	0.84
18,176.2		Casing Joints	5	5 1/2	4.78	20.00	P-110	213.80
18,390.7		DDT Sub 8	1	5 1/2	4.78	20.00	P-110	0.84
18,612.2		Casing Joints	5	5 1/2	4.78	20.00	P-110	220.50
18,832.3		DDT Sub 7	1	5 1/2	4.78	20.00	P-110	0.84
19,050.9		Casing Joints	5	5 1/2	4.78	20.00	P-110	219.52
19,270.7		DDT Sub 6	1	5 1/2	4.78	20.00	P-110	0.84
19,492.1		Casing Joints	5	5 1/2	4.78	20.00	P-110	217.44
19,712.9		DDT Sub 5	1	5 1/2	4.78	20.00	P-110	0.84
19,934.4		Casing Joints	5	5 1/2	4.78	20.00	P-110	219.17
19,940.3		DDT Sub 4	1	5 1/2	4.78	20.00	P-110	0.84
19,964.2		Casing Joints	5	5 1/2	4.78	20.00	P-110	220.67
20,010.2		DDT Sub 3	1	5 1/2	4.78	20.00	P-110	0.84
20,056.1		Casing Joints	5	5 1/2	4.78	20.00	P-110	219.91
		DDT Sub 2	1	5 1/2	4.78	20.00	P-110	0.84
		Casing Joints	5	5 1/2	4.78	20.00	P-110	220.62
		DDT Sub 1	1	5 1/2	4.78	20.00	P-110	0.84
		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	21.89
		Float Collar	1	5 1/2	4.78	20.00	P-110	1.92
		Casing Joints	1	5 1/2	4.78	20.00	P-110	44.14
		Float Collar	1	5 1/2	4.78	20.00	P-110	1.92
		Casing Joints	1	5 1/2	4.78	20.00	P-110	44.11

Well Name: GREATER LYBROOK UNIT 774H (fka KIMBETO WASH)

Horizontal, Original Hole, 4/28/2023 9:37:15 AM



Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Float Shoe	1	5 1/2	4.70	20.00	p-110	1.63

Intermediate, 3,489.4ftKB

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	30.8	3,489.4		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	86	9 5/8	8.92	36.00	J-55	3,409.34
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	39.64
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	27.8	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	316.35
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, 3/22/2022 18:00

Description	String	Cementing Start Date	Cementing End Date
Surface Casing Cement	Surface, 387.3ftKB	3/22/2022 18:00	3/22/2022 19:30

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	28.0	393.0	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 @ 450 psi, circ 49 bbls good cmt to surface

Intermediate Casing Cement, Casing, 4/28/2022 07:20

Description	String	Cementing Start Date	Cementing End Date
Intermediate Casing Cement	Intermediate, 3,489.4ftKB	4/28/2022 07:20	4/28/2022 09:56

Cement Stages

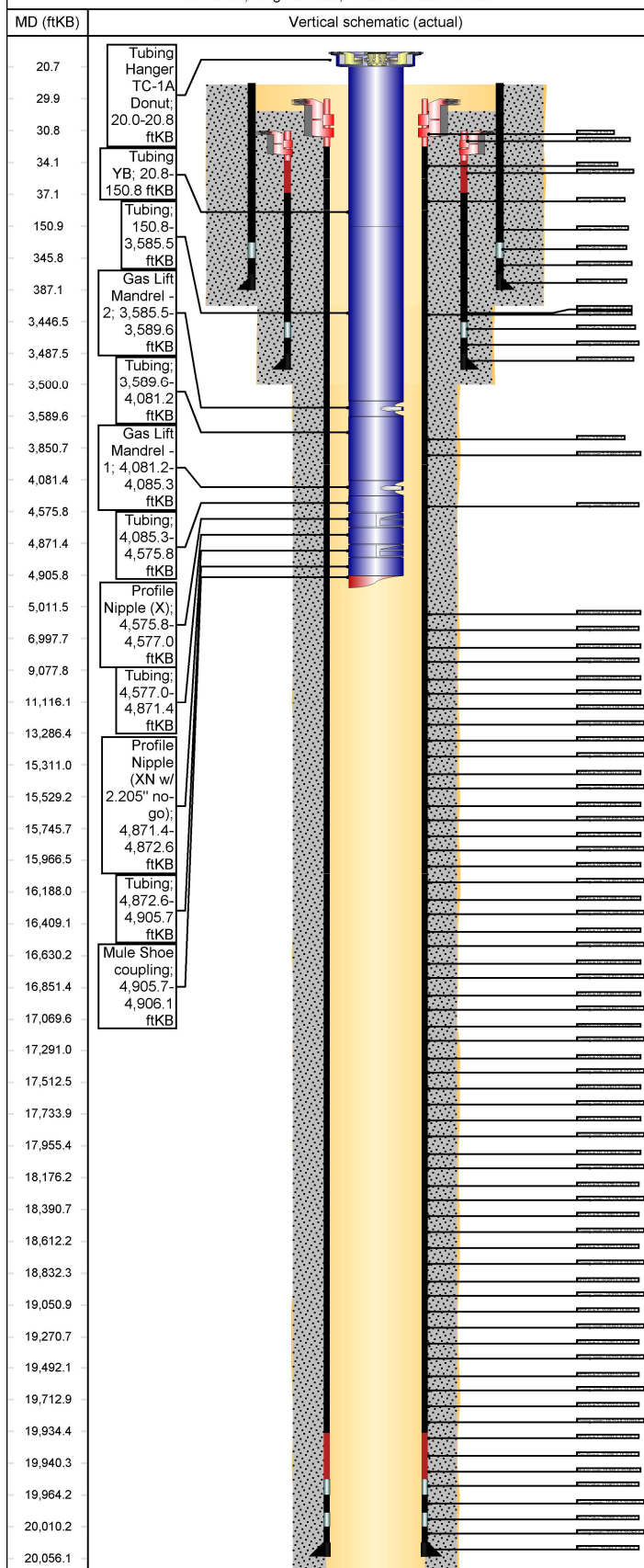
Stg #	Top (ftKB)	Btm (ftKB)	Com
1	30.8	3,500.0	Cement Offline as follows: PJSM with Drake Energy Services. Pressure tested lines to 2,000 psi. Pumped 10 bbls FW, 20 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 267.0 bbls (701 sx) 90:10 Poz:Type III at 12.5 ppg, 2.14 ft3/sk, 12.05 gal H2O/sk. 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 @ 06:40 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, 5/13/2022 03:20

Description	String	Cementing Start Date	Cementing End Date
Production Casing Cement	Production, 20,056.0ftKB	5/13/2022 03:20	5/13/2022 07:58

WellView®**Wellbore Schematic - Components and Cement****Well Name: GREATER LYBROOK UNIT 774H (fka KIMBETO WASH)**

Horizontal, Original Hole, 4/28/2023 9:37:16 AM

**Cement Stages**

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	30.1	20,066.0	Cement Summary: 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 ft³/sk, 13.39 gal H₂O/sk. Pumped Tail Cement: 744 bbls (1463 sx) Class G Cement at 13.3 ppg, 1.56 ft³/sk, 7.69 gal H₂O/sk. Washed lines, dropped plug & 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 Top of Tail: Calculated 2,105 ft MD. Tof of Lead: surface Cement Back 62 BBL, Calculated Back 62 bbl's Cement in place at 08:00 on 5/13/2022

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	3,500.0
Production	8 1/2	3,500.0	20,066.0

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 213566

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 213566
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	None	12/3/2025