

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. NMNM121961

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 200 ENERGY COURT, FARMINGTON, NM 87401
3b. Phone No. (include area code)
(505) 497-85747. If Unit of CA/Agreement, Name and/or No.
NMNM105803962

8. Well Name and No. GREATER LYBROOK UNIT/730H

9. API Well No. 3004535843

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 27/T23N/R9W/NMP10. Field and Pool or Exploratory Area
LYBROOK MANCOS 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 a wellbore cleanout and tubing reconfiguration. An updated well schematic is attached.

EOT: 5,160 MD

Packer Top: NA

GLVs: NA

Orifice Valve: none

Job Start: 11/17/2023

Job End: 12/4/2023

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

Title Permitting Technician

(Electronic Submission)
Signature

Date 12/14/2023

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title Petroleum Engineer

Date 12/18/2023

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)

Additional Information

Location of Well

0. SHL: NENW / 1141 FNL / 2446 FWL / TWSP: 23N / RANGE: 9W / SECTION: 27 / LAT: 36.202012 / LONG: -107.776799 (TVD: 0 feet, MD: 0 feet)

PPP: NWNE / 429 FNL / 1850 FEL / TWSP: 23N / RANGE: 9W / SECTION: 27 / LAT: 36.203964 / LONG: -107.773395 (TVD: 3733 feet, MD: 3963 feet)

BHL: NWNE / 163 FNL / 2134 FEL / TWSP: 23N / RANGE: 9W / SECTION: 21 / LAT: 36.219228 / LONG: -107.792277 (TVD: 4568 feet, MD: 12295 feet)

CONFIDENTIAL

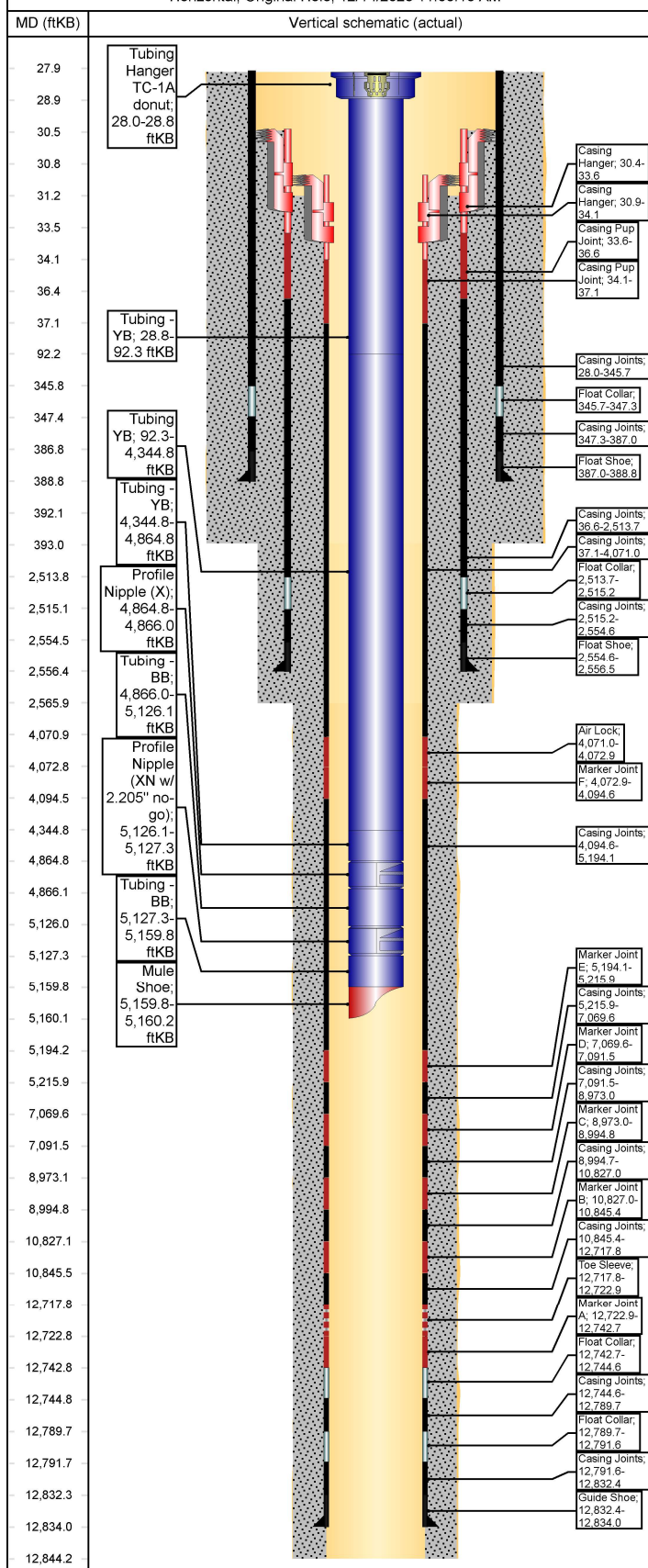


Wellbore Schematic - Components and Cement

Well Name: GREATER LYBROOK UNIT 730H (fka W LYBROOK)

API/UWI 30-045-35843		County SAN JUAN		State/Province NEW MEXICO		Surface Legal Location (UNIT C) NE/4, NW/4, SECTION 27, T23N, R09W	
Spud Date 2/3/2022	On Production Date	Abandon Date	Ground Elevation (ft) 6,641.00	Original KB Elevation (ft) 6,669.00	Total Depth (All) (ftKB) Original Hole - 12,844.0		PBTD (All) (ftKB)

Horizontal, Original Hole, 12/14/2023 11:06:18 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
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Rod Strings

<des> on <dtmrun>

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 5,160.2ftKB on 12/4/2023 09:45

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 TC-1A donut	4 3/4	0.80	28.0	28.8		
2	Tubing - YB	2 7/8	63.46	28.8	92.3	L-80	6.50
13	Tubing YB	2 7/8	4,252.5	92.3	4,344.8	J-55	6.50
0			1				
17	Tubing - YB	2 7/8	520.01	4,344.8	4,864.8	J-55	6.50
1	Profile Nipple (X)	2 7/8	1.20	4,864.8	4,866.0	L-80	6.50
8	Tubing - BB	2 7/8	260.11	4,866.0	5,126.1	J-55	6.50
1	Profile Nipple (XN w/ 2.205\" no-go)	2 7/8	1.20	5,126.1	5,127.3	L-80	6.50
1	Tubing - BB	2 7/8	32.47	5,127.3	5,159.8	J-55	6.50
1	Mule Shoe	2 7/8	0.40	5,159.8	5,160.2	L-80	6.50

Casing Strings

Surface, 388.8ftKB

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	8	13 3/8	12.62	54.50	J-55	317.74
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	39.64
Float Shoe	1	13 3/8	12.62	54.50	J-55	1.84

Production, 12,834.0ftKB

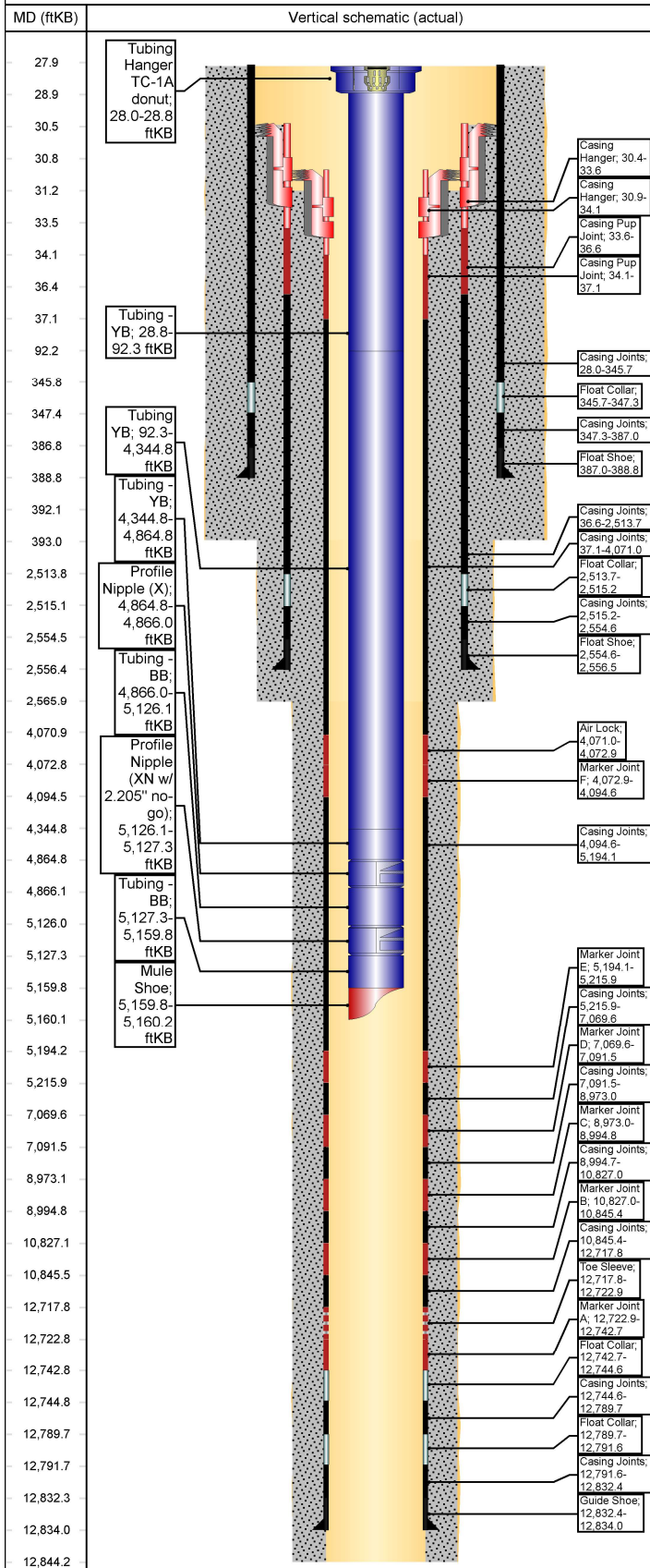
Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
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Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
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Marker Joint H	0	5 1/2	4.89	17.00	P-110	0.00
Marker Joint G	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	95	5 1/2	4.89	17.00	P-110	4,033.88
Air Lock	1	5 1/2	4.89	17.00	P-110	1.92
Marker Joint F	1	5 1/2	4.89	17.00	P-110	21.65
Casing Joints	26	5 1/2	4.89	17.00	P-110	1,099.48
Marker Joint E	1	5 1/2	4.89	17.00	P-110	21.79
Casing Joints	45	5 1/2	4.89	17.00	P-110	1,853.78
Marker Joint D	1	5 1/2	4.89	17.00	P-110	21.90
Casing Joints	46	5 1/2	4.89	17.00	P-110	1,881.44
Marker Joint C	1	5 1/2	4.89	17.00	P-110	21.77
Casing Joints	46	5 1/2	4.89	17.00	P-110	1,832.28
Marker Joint B	1	5 1/2	4.89	17.00	P-110	18.36
Casing Joints	45	5 1/2	4.89	17.00	P-110	1,872.43

WellView®**Wellbore Schematic - Components and Cement****Well Name: GREATER LYBROOK UNIT 730H (fka W LYBROOK)**

Horizontal, Original Hole, 12/14/2023 11:06:20 AM

**Casing Components**

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Toe Sleeve	1	5 1/2	4.89	17.00	P-110	5.10
Marker Joint A	1	5 1/2	4.89	17.00	P-110	19.80
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	45.02
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	40.79
Guide Shoe	1	5 1/2	4.89	17.00	P-110	1.63

Intermediate, 2,556.5ftKB

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	30.4	2,556.5		8.92

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Marker 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 Joint	1	9 5/8	8.92	36.00	J-55	3.00
Casing Joints	62	9 5/8	8.92	36.00	J-55	2,477.13
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	39.40
Float Shoe	1	9 5/8	8.92	36.00	J-55	1.90

Cement**Surface Casing Cement, Casing, 2/4/2022 15:30**

Description	String	Cementing Start Date	Cementing End Date
Surface Casing Cement	Surface, 388.8ftKB	2/4/2022 15:30	2/4/2022 16:50

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 & 86.6 bbls Type III cmt (350 sxs) @ 14.6 PPG, drop plug & disp w/ 49.1 bbls H2O, Bump plug @ 775 psi, circ 40 bbls good cmt to surface

Intermediate Casing Cement, Casing, 3/17/2022 07:45

Description	String	Cementing Start Date	Cementing End Date
Intermediate Casing Cement	Intermediate, 2,556.5ftKB	3/17/2022 07:45	3/17/2022 10:20

Cement Stages

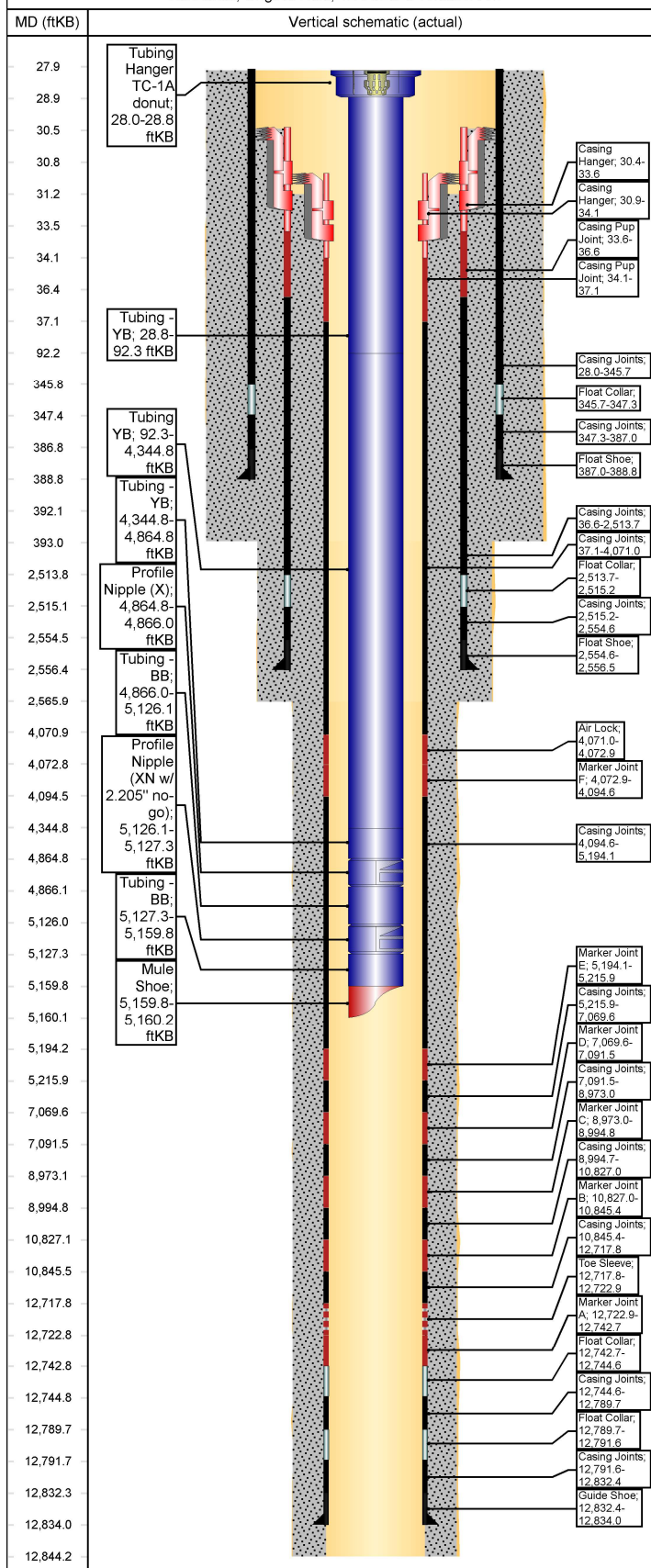
Stg #	Top (ftKB)	Btm (ftKB)	Com
1	30.4	2,566.0	Cement Offline as follows: PJSM with Drake Energy Services. Pressure tested lines to 2,000 psi. Pumped 10 bbls FW, 20 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 185.3 bbls (468 sx) 90:10 Poz:Type III at 12.5 ppg, 2.14 ft3/sk, 12.05 gal H2O/sk. 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 191 bbls FW. FCP at 700 psi Didnt Bumped Plug Left 700 psi On Well. Shut in Maintained returns throughout job. Calculated 70 bbls to surface and got 28 bbls of good cement to surface. Top of Lead to surface and top of tail at 2,017- ft MD. Released Rig @ 06:00 3/17/2022 to the W. Lybrook Unit 830 H. (Cement 0830 Hour's To 10:20 Hour's on -3/17/2022)

Production Casing Cement, Casing, 4/15/2022 21:50

Description	String	Cementing Start Date	Cementing End Date
Production Casing Cement	Production, 12,834.0ftKB	4/15/2022 21:50	4/16/2022 01:53

Well Name: GREATER LYBROOK UNIT 730H (fka W LYBROOK)

Horizontal, Original Hole, 12/14/2023 11:06:21 AM



Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	31.2	12,844.0	Cement Summary: PJSM with American Cementing. Pressure tested lines to 5100 psi. Pumped 60 bbls Intraguard Star @ 11.0 ppg. Pumped Lead Cement: 198. bbls (471 sx) ASTM Type I/II at 12.4 ppg, 2.36 ft³/sk, 13.39 gal H₂O/sk. Pumped Tail Cement: 407 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 295 bbls FW with cement retarder in 1st 50 bbls. FCP at 2,007 psi Bump Plug at 4.0 bpm to 2,900 psi. Bled back 3 Bbls and floats held. Top of Tail: Calculated 3,666 ft MD. Tof of Lead: surface Cement Back 125- BBL. Calculated Back 68- bbl's Cement in place at 01:52- on 4/15/2022

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	2,566.0
Production	8 1/2	2,566.0	12,844.0

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

Action 296684

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 296684
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	12/5/2025