

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. NMNM057164
6. If Indian, Allottee or Tribe Name
NAVAJO NATION

SUBMIT IN TRIPLICATE - Other instructions on page 2		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/050H
2. Name of Operator ENDURING RESOURCES LLC		9. API Well No. 3004538278
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
☒ 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 recompleate 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 tubing reconfiguration and wellbore cleanout. An updated well schematic is attached.

EOT: 4,946 MD
Packer Top: None
GLVs: None
Orifice Valve: None
Job Start: 6/21/2024
Job End: 6/27/2024

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 07/19/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by MATTHEW H KADE / Ph: (505) 564-7736 / Accepted	Title Petroleum Engineer	Date 07/22/2024
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)

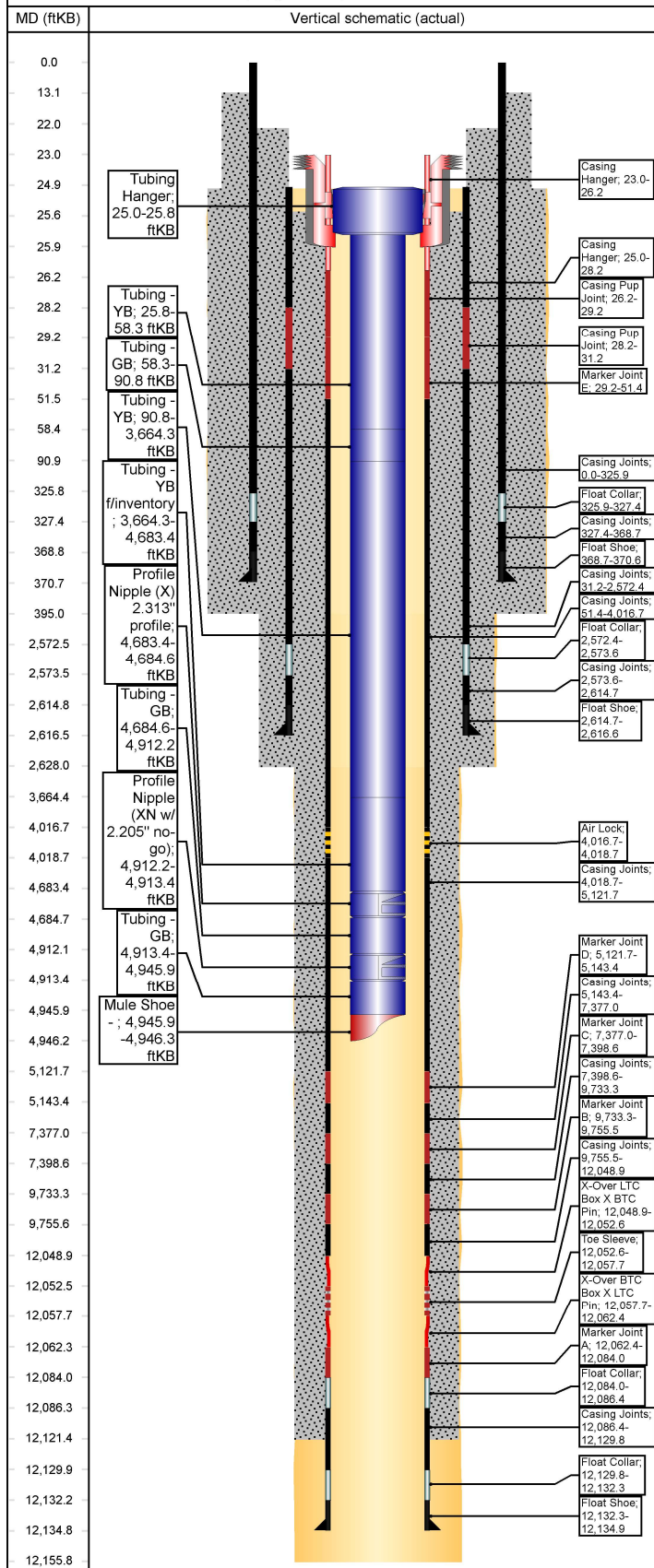


Wellbore Schematic - Components and Cement

Well Name: GREATER LYBROOK UNIT 050H (FKA WLU 779H)

API/UWI 30-045-38278		County San Juan		State/Province New Mexico		Surface Legal Location 23-23N-09W Sec-Twn-Rng 36.206299 N Latitude							
Spud Date 3/2/2023		On Production Date		Abandon Date		Ground Elevation (ft) 6,747.00		Original KB Elevation (ft) 6,772.00		Total Depth (All) (ftKB) Original Hole - 12,156.0		PBTD (All) (ftKB)	

Horizontal, Original Hole, 7/12/2024 9:06:29 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 4,946.3ftKB on 6/27/2024 09:30

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)
1	Tubing Hanger	4 3/4	0.80	25.0	25.8		
1	Tubing - YB	2 7/8	32.52	25.8	58.3	J-55	6.50
1	Tubing - GB	2 7/8	32.51	58.3	90.8	J-55	6.50
11	Tubing - YB	2 7/8	3,573.5	90.8	3,664.3	J-55	6.50
0			2				
31	Tubing - YB f/inventory	2 7/8	1,019.11	3,664.3	4,683.4	J-55	6.50
1	Profile Nipple (X) 2.313" profile	2 7/8	1.20	4,683.4	4,684.6	J-55	6.50
7	Tubing - GB	2 7/8	227.57	4,684.6	4,912.2	J-55	6.40
1	Profile Nipple (XN w/ 2.205" no-go)	2 7/8	1.20	4,912.2	4,913.4	J-55	6.50
1	Tubing - GB	2 7/8	32.49	4,913.4	4,945.9	J-55	6.50
1	Mule Shoe -	2 7/8	0.40	4,945.9	4,946.3	J-55	6.50

Casing Strings

Production, 12,134.9ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
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Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
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
Marker Joint E	1	5 1/2	4.89	17.00	P-110	22.27
Casing Joints	92	5 1/2	4.89	17.00	P-110	3,965.32
Air Lock	1	5 1/2	4.89	17.00	P-110	1.92
Casing Joints	25	5 1/2	4.89	17.00	P-110	1,103.03
Marker Joint D	1	5 1/2	4.89	17.00	P-110	21.71
Casing Joints	51	5 1/2	4.89	17.00	P-110	2,233.58
Marker Joint C	1	5 1/2	4.89	17.00	P-110	21.60
Casing Joints	54	5 1/2	4.89	17.00	P-110	2,334.69
Marker Joint B	1	5 1/2	4.89	17.00	P-110	22.19
Casing Joints	52	5 1/2	4.89	17.00	P-110	2,293.45
X-Over LTC Box X BTC Pin	1	5 1/2	4.89	17.00	P-110	3.66
Toe Sleeve	1	5 1/2	4.89	17.00	P-110	5.10
X-Over BTC Box X LTC Pin	1	5 1/2	4.89	17.00	P-110	4.71
Marker Joint A	1	5 1/2	4.89	17.00	P-110	21.58
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	43.44
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, 2,616.6ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
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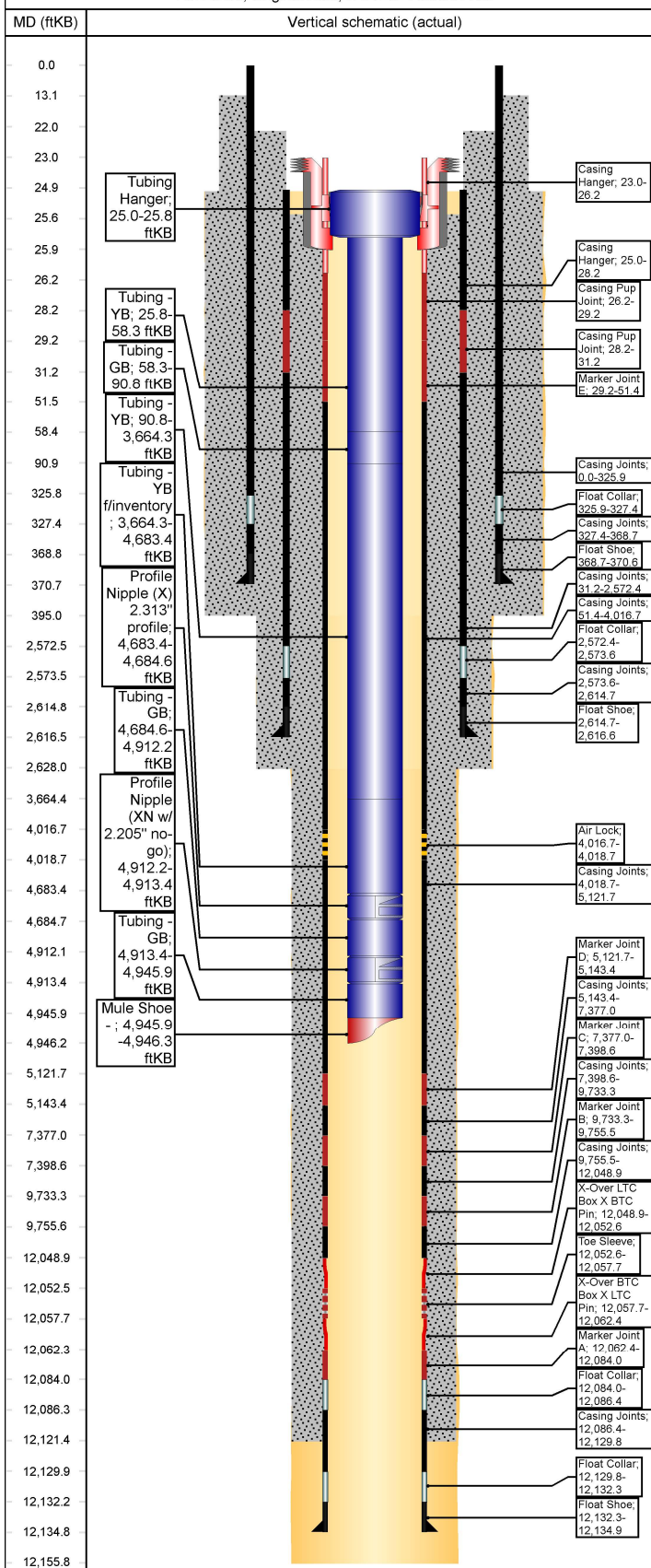
Intermediate	9 5/8	36.00	J-55	25.0	2,616.6		8.92
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Report Printed: 7/12/2024

WellView®**Wellbore Schematic - Components and Cement****Well Name: GREATER LYBROOK UNIT 050H (FKA WLU 779H)**

Horizontal, Original Hole, 7/12/2024 9:06:31 AM

**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	63	9 5/8	8.92	36.00	J-55	2,541.20
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	41.11
Float Shoe	1	9 5/8	8.92	36.00	J-55	1.90

Surface, 370.6ftKB

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	0.0	370.6		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	325.90
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	41.35
Float Shoe	1	13 3/8	12.62	54.50	J-55	1.88

Cement**Surface Casing Cement, Casing, 3/3/2023 12:45**

Description	String	Cementing Start Date	Cementing End Date
Surface Casing Cement	Surface, 370.6ftKB	3/3/2023 12:45	3/3/2023 13:45

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	13.0	370.6	Cement off line as follows: Pressure test lines 1500 psi, Pump 10 bbls FW spacer, 10 bbls mud clean, 10 bbls FW spacer, 352 sks (86 bbls) type 3 cement @ 14.8 ppg, 1.39 yield, 6.68 gps, drop plug and displace with 50.2 bbls FW, FCP 120 psi at 2 bbls/min, bump plug at 800 psi, check floats (Held), 38 bbls cement to surface. Bump plug @ 14:38 on 3/3/23, bleed back 1/4 bbl to truck, rig down and move off cement equipment.

Intermediate Casing Cement, Casing, 4/14/2023 21:00

Description	String	Cementing Start Date	Cementing End Date
Intermediate Casing Cement	Intermediate, 2,616.6ftKB	4/14/2023 21:00	4/14/2023 22:45

Cement Stages

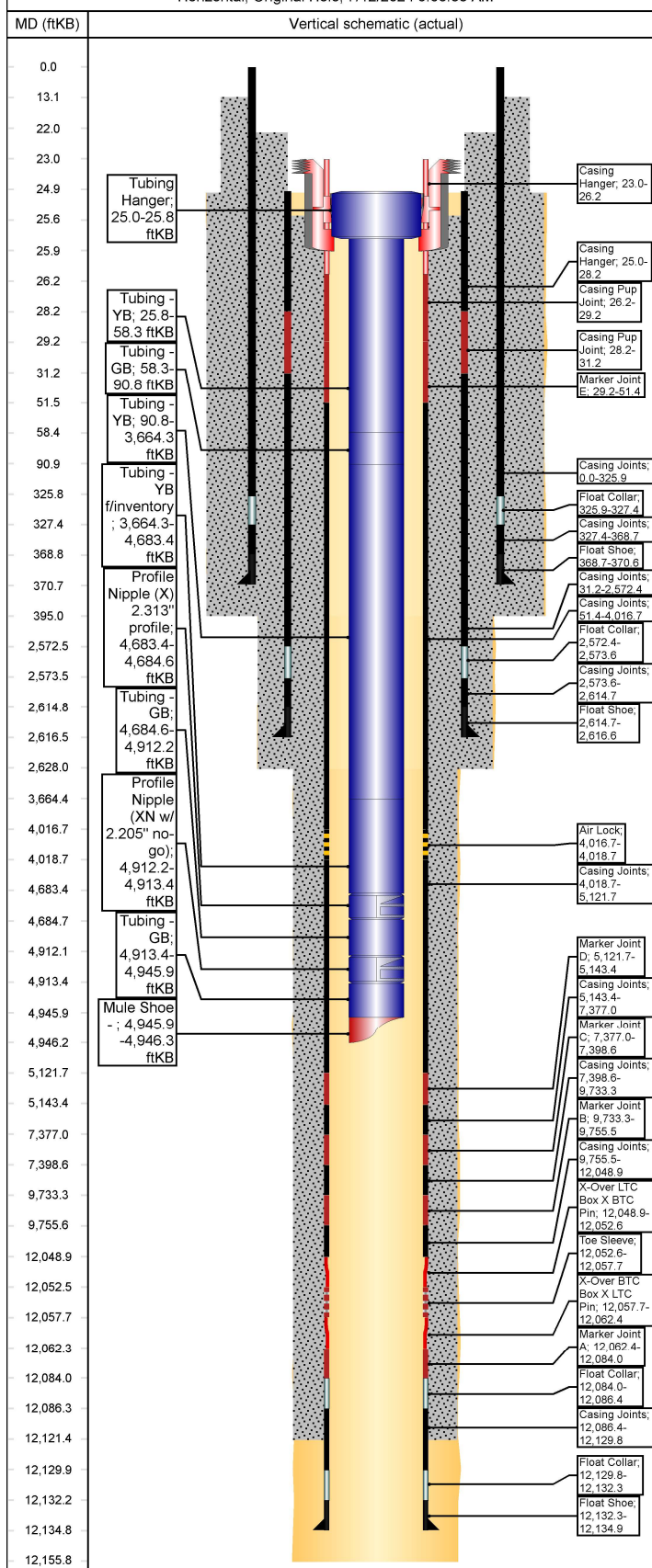
Stg #	Top (ftKB)	Btm (ftKB)	Com
1	22.1	2,628.0	PJSM with Drake Energy Services. Pressure tested lines to 2000 psi. Pumped 10 bbls FW, 10 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 187 bbls (491 sx) 90:10 Poz:Type III at 12.5 ppg, 2.14 ft3/sk, 12.05 gal H2O/sk. Pumped Tail Cement: 33.0 bbls (137 sx) Type III Blend at 14.6 ppg, 1.38 ft3/sk, 6.61 gal H2O/sk. Dropped plug & began displacement. Displaced with 199.0 bbls FW. FCP at 800 psi and Bump Plug to 1388 psi @ 2.8 BPM, bled back 1.0 bbls, floats held. Maintained returns throughout job. Calculated 70 bbls to surface and got 50 bbls of good cement to surface. Top of Lead to surface and top of tail at 1,981 ft MD.

Production Casing Cement, Casing, 4/27/2023 11:22

Description	String	Cementing Start Date	Cementing End Date
Production Casing Cement	Production, 12,134.9ftKB	4/27/2023 11:22	4/27/2023 15:01

WellView®**Wellbore Schematic - Components and Cement****Well Name: GREATER LYBROOK UNIT 050H (FKA WLU 779H)**

Horizontal, Original Hole, 7/12/2024 9:06:33 AM

**Cement Stages**

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	25.5	12,121.5	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	

Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Surface	17 1/2	25.0	395.0
Intermediate	12 1/4	395.0	2,628.0
Production	8 1/2	2,628.0	12,156.0

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 372374

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 372374
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	12/4/2025