

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. **N0G13121863**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 **200 ENERGY COURT, FARMINGTON, NM 87401**  
3b. Phone No. (include area code)  
**(505) 497-8574**4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEC 23/T23N/R9W/NMP**7. If Unit of CA/Agreement, Name and/or No.  
**NMNM105803962**8. Well Name and No. **GREATER LYBROOK UNIT/728H**9. API Well No. **3004538265**

10. Field and Pool or Exploratory Area

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 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 tubing reconfiguration. Production tubing string was re-configured. An updated well schematic is attached.

EOT: 4,791 MD

Packer: None

GLVs: None

Orifice Valve: none - EOT

Job Start: 7/28/2023

Job End: 8/7/2023

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 **08/25/2023****THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

**MATTHEW H KADE / Ph: (505) 564-7736 / Accepted**Title **Petroleum Engineer**Date **08/28/2023**

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)

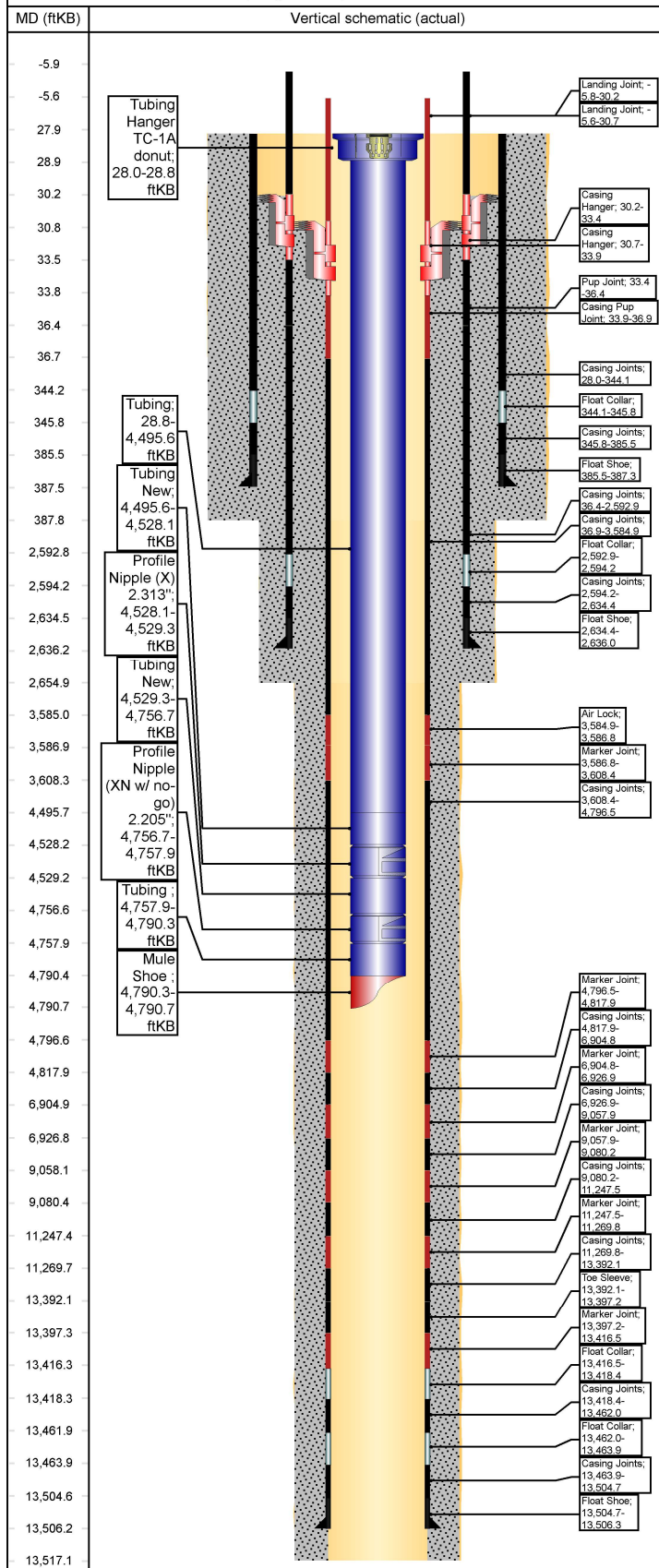


# Wellbore Schematic - Components and Cement

**Well Name: GREATER LYBROOK UNIT 728H (fka WLU)**

API/UWI 30-045-38265		County SAN JUAN		State/Province NEW MEXICO		Surface Legal Location Unit (M), SW/4, SW/4, SEC 23, T23N, R09W							
Spud Date 12/17/2021		On Production Date		Abandon Date		Ground Elevation (ft) 6,748.00		Original KB Elevation (ft) 6,776.00		Total Depth (All) (ftKB) Original Hole - 13,517.0		PBTD (All) (ftKB)	

Horizontal, Original Hole, 8/14/2023 8:13:31 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 4,790.7ftKB on 8/7/2023 09:30**

Tubing Description	Len (ft)	Set Depth (f...)	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 TC-1A donut	4 3/4	0.80	28.0	28.8		
13	Tubing	2 7/8	4,466.8	28.8	4,495.6	L-80	6.50
14	Tubing New	2 7/8	32.51	4,495.6	4,528.1	J-55	6.50
1	Profile Nipple (X) 2.313"	2 7/8	1.20	4,528.1	4,529.3	L-80	6.50
7	Tubing New	2 7/8	227.33	4,529.3	4,756.7	J-55	6.50
1	Profile Nipple (XN w/ no-go) 2.205"	2 7/8	1.20	4,756.7	4,757.9	L-80	6.50
1	Tubing	2 7/8	32.48	4,757.9	4,790.3	L-80	6.50
	Mule Shoe	2 7/8	0.40	4,790.3	4,790.7	L-80	6.50

## Casing Strings

**Production, 13,506.3ftKB**

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)
Casing Joints	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	1	5 1/2	4.89	17.00	P-110	36.25
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	88	5 1/2	4.89	17.00	P-110	3,547.98
Air Lock	1	5 1/2	4.89	17.00	P-110	1.92
Marker Joint	1	5 1/2	4.89	17.00	P-110	21.60
Casing Joints	30	5 1/2	4.89	17.00	P-110	1,188.09
Marker Joint	1	5 1/2	4.89	17.00	P-110	21.40
Casing Joints	52	5 1/2	4.89	17.00	P-110	2,086.92
Marker Joint	1	5 1/2	4.89	17.00	P-110	22.14
Casing Joints	54	5 1/2	4.89	17.00	P-110	2,130.97
Marker Joint	1	5 1/2	4.89	17.00	P-110	22.34
Casing Joints	57	5 1/2	4.89	17.00	P-110	2,167.25
Marker Joint	1	5 1/2	4.89	17.00	P-110	22.34
Casing Joints	51	5 1/2	4.89	17.00	P-110	2,122.28
Toe Sleeve	1	5 1/2	4.89	17.00	P-110	5.10
Marker Joint	1	5 1/2	4.89	17.00	P-110	19.24
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	43.62
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	40.75
Float Shoe	1	5 1/2	4.89	17.00	P-110	1.63

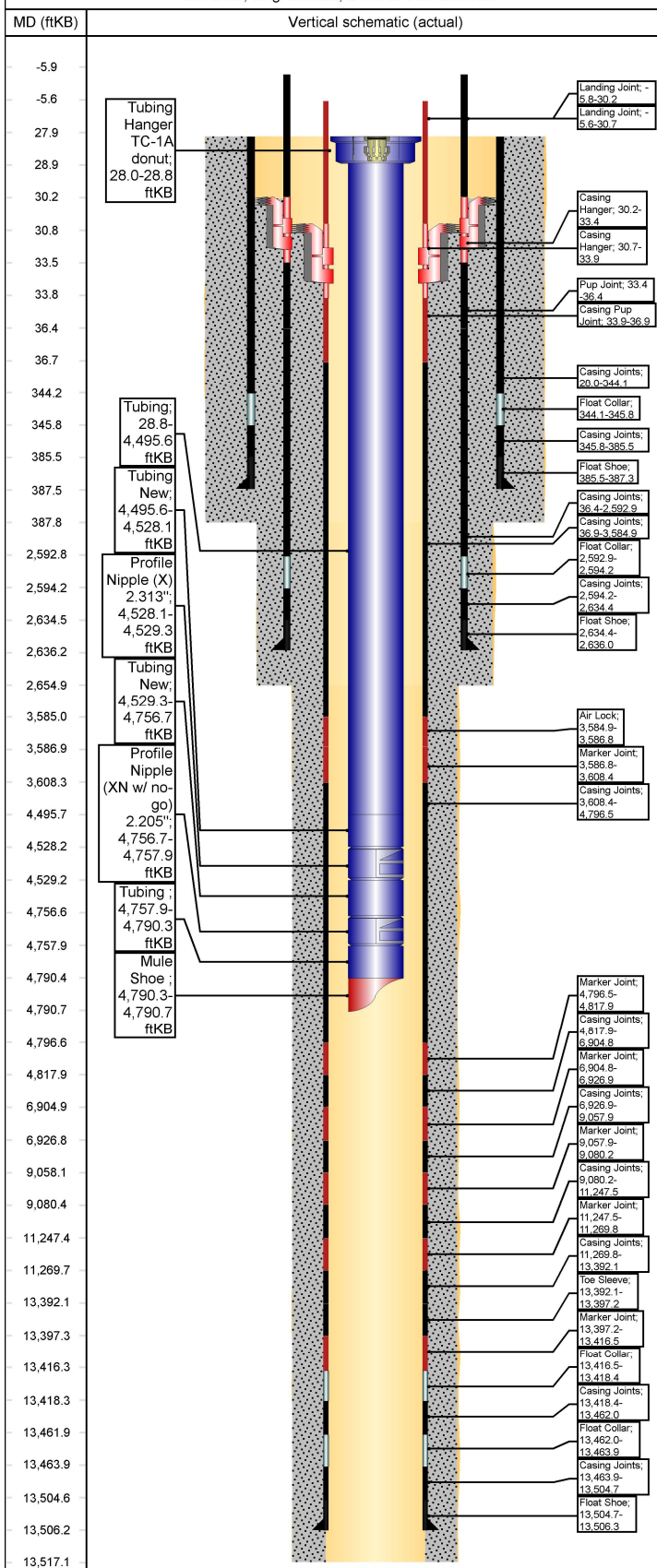
**Intermediate, 2,636.0ftKB**

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	-5.8	2,636.0		8.92
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**WellView®****Wellbore Schematic - Components and Cement****Well Name: GREATER LYBROOK UNIT 728H (fka WLU)**

Horizontal, Original Hole, 8/14/2023 8:13:32 AM

**Casing Components**

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Landing Joint	1	9 5/8	8.92	36.00	J-55	36.00
Casing Hanger	1	9 5/8	8.92	36.00	J-55	3.20
Pup Joint	1	9 5/8	8.92	36.00	J-55	3.00
Casing Joints	64	9 5/8	8.92	36.00	J-55	2,556.51
Float Collar	1	9 5/8	8.92	36.00	J-55	1.35
Casing Joints	1	9 5/8	8.92	36.00	J-55	40.15
Float Shoe	1	9 5/8	8.92	36.00	J-55	1.62

**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	28.0	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	316.15
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, 12/18/2021 19:35**

Description	String	Cementing Start Date	Cementing End Date
Surface Casing Cement	Surface, 387.3ftKB	12/18/2021 19:35	12/18/2021 20:35

**Cement Stages**

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	28.0	387.9	

**Intermediate Casing Cement, Casing, 1/28/2022 20:16**

Description	String	Cementing Start Date	Cementing End Date
Intermediate Casing Cement	Intermediate, 2,636.0ftKB	1/28/2022 20:16	1/29/2022 01:30

**Cement Stages**

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	30.2	2,655.0	Cement Offline as follows: PJSM with Drake Energy Services. Pressure tested lines to 3,000 psi. Pumped 10 bbls FW, 20 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 192 bbls (503 sx) 90:10 Poz:Type III at 12.5 ppg, 2.14 ft3/sk, 12.05 gal H2O/sk. Pumped Tail Cement: 33 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 198 bbls FW. FCP at 826 psi Bumped Plug at 1,1470 psi. Maintained returns throughout job. Calculated 86 bbls to surface and got 80 bbls of good cement to surface. Top of Lead to surface and top of tail at 2,439 ft MD. Released Rig @ 20:00 1/26/2022 to the W. Lybrook Unit 729 H. (Cement 22:40 Hour's To 01:30 Hour's on - 1/29/2022 )

**Production Casing Cement, Casing, 2/25/2022 05:00**

Description	String	Cementing Start Date	Cementing End Date
Production Casing Cement	Production, 13,506.3ftKB	2/25/2022 05:00	2/25/2022 08:53

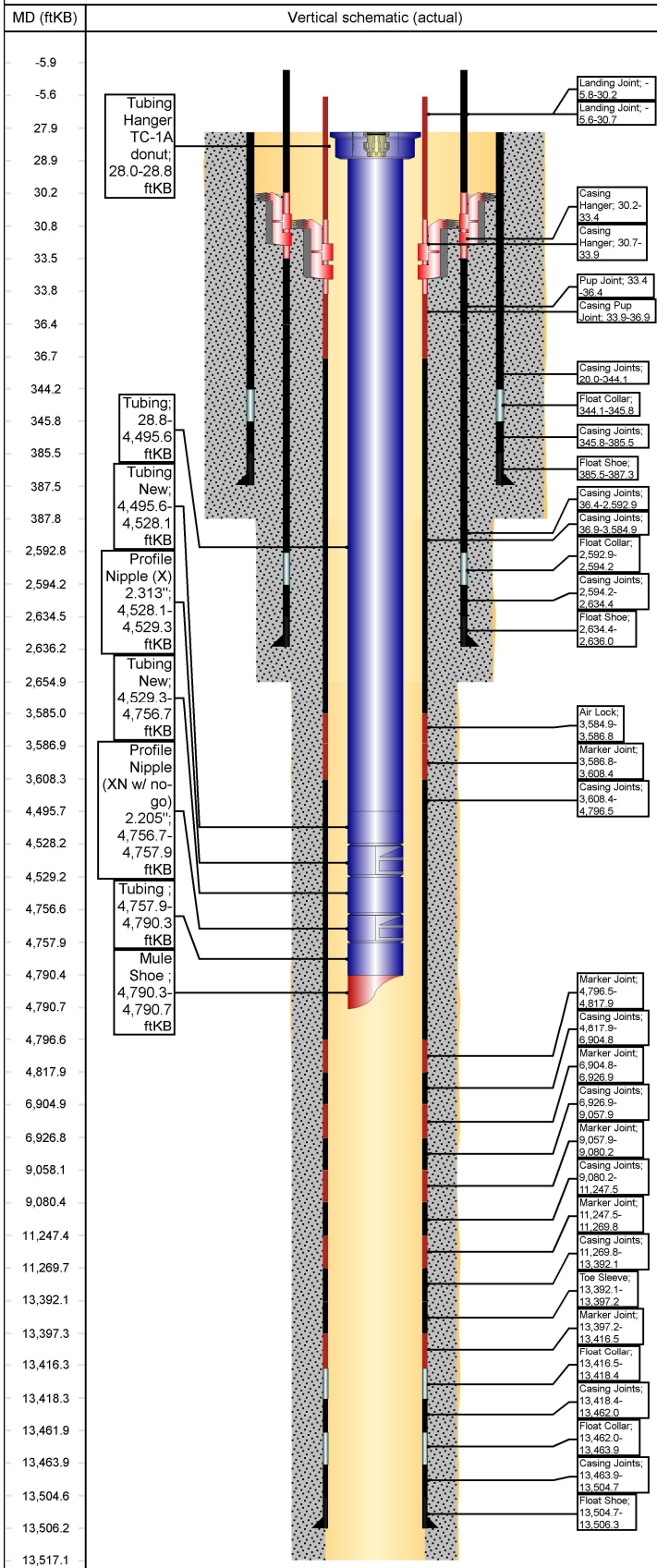




# Wellbore Schematic - Components and Cement

Well Name: GREATER LYBROOK UNIT 728H (fka WLU)

Horizontal, Original Hole, 8/14/2023 8:13:34 AM



## Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	30.9	13,517.0	<p>Cement Summary:</p> <p>PJSM with American Cementing. Pressure tested lines to 5000 psi. Pumped 60 bbls Intraguard Star @ 11.0 ppg. Pumped Lead Cement: 197.4. bbls (468 sx) ASTM Type I/II at 12.4 ppg, 2.36 ft 3/sk, 13.4 gal H2O/sk. Pumped Tail Cement: 383.50 bbls (1539 sx) Class G Cement at 13.3 ppg, 1.56 ft 3/sk, 7.7 gal H2O/sk. Washed lines, dropped plug &amp; began displacement. Displaced with 308 bbls FW with cement retarder in 1st 50 bbls. FCP at 1,580 psi and plug bumped at 4.0 bpm to 2,700 psi. Bled back 2.0 Bbls and floats held.</p> <p>Top of Tail: Calculated 3,673 ft MD. Top of Lead: surface Cement Back 88 BBL. Calculated Back 88 bbl's</p> <p>Cement in place at 23:32 on 2/19/2022</p>

## 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	387.9
Intermediate	12 1/4	387.9	2,655.0
Production	8 1/2	2,655.0	13,517.0



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 270842

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 270842
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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