

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. **N0G13121799**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**7. If Unit of CA/Agreement, Name and/or No.  
**S CHACO UT- MANCOS/NMNM133321A**8. Well Name and No. **S LYBROOK UNIT/345H**9. API Well No. **3004321279**4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEC 2/T22N/R7W/NMP**10. Field and Pool or Exploratory Area  
**LYBROOK GALLUP/LYBROOK GALLUP**11. Country or Parish, State  
**SANDOVAL/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: 5,919 MD

Packer: None

GLVs: None

Orifice Valve: none - EOT

Job Start: 7/17/2023

Job End: 7/20/2023

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

**08/18/2023****THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

**MATTHEW H KADE / Ph: (505) 564-7736 / Accepted**Title **Petroleum Engineer**Date **08/18/2023**

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)

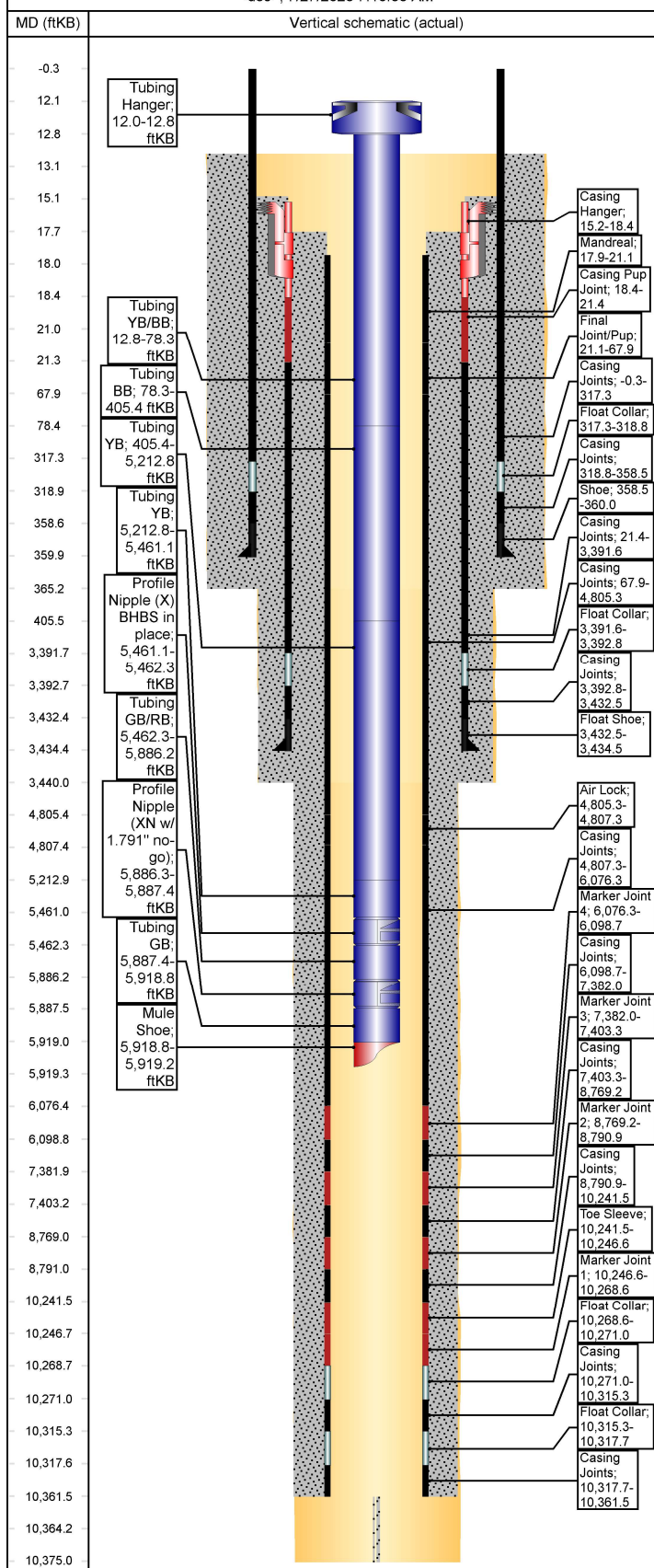


## Wellbore Schematic - Components and Cement

Well Name: S LYBROOK UNIT 345H (fka S CHACO)

API/UWI 30-043-21279		County San Juan		State/Province New Mexico		Surface Legal Location Sec 2, R22N-T7W	
Spud Date 5/16/2022	On Production Date	Abandon Date	Ground Elevation (ft) 7,003.00	Original KB Elevation (ft) 7,016.00	Total Depth (All) (ftKB) Original Hole - 10,375.0		PBTD (All) (ftKB)

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## 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 5,919.2ftKB on 7/20/2023 09:00

Tubing Description	Len (ft)	Set Depth (f...	Run Date	Cut/Pull Date	Depth C...
Tubing - Production	5,907.22	5,919.2	7/20/2023		

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger	4 3/4	0.80	12.0	12.8		
2	Tubing YB/BB	2 3/8	65.48	12.8	78.3	L-80	4.70
10	Tubing BB	2 3/8	327.14	78.3	405.4	L-80	4.70
14	Tubing YB	2 3/8	4,807.3	405.4	5,212.8	L-80	4.70
7			5				
8	Tubing YB	2 3/8	248.34	5,212.8	5,461.1	J-55	4.70
1	Profile Nipple (X) BHBS in place	2 3/8	1.20	5,461.1	5,462.3	L-80	4.70
13	Tubing GB/RB	2 3/8	423.94	5,462.3	5,886.3	L-80	4.70
1	Profile Nipple (XN w/ 1.791\" no-go)	2 3/8	1.20	5,886.3	5,887.5	L-80	4.70
1	Tubing GB	2 3/8	31.37	5,887.5	5,918.8	L-80	4.70
1	Mule Shoe	2 3/8	0.40	5,918.8	5,919.2	L-80	4.70

## Casing Strings

Intermediate, 10,364.1ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Intermediate	5 1/2	20.00	P-110	17.9	10,364.1		4.78

## Casing Components

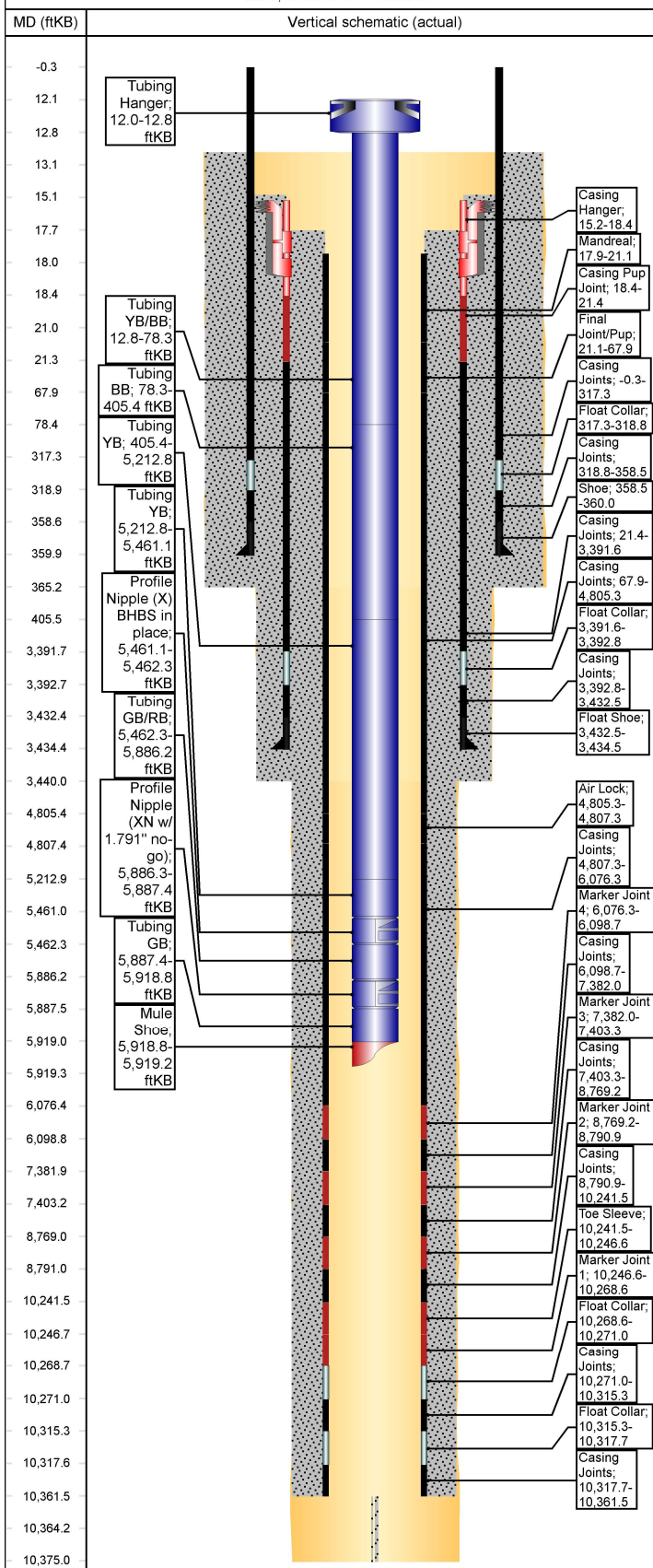
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	0	5 1/2	4.78	20.00	P-110	0.00
Landing Joint	0	5 1/2	4.78	20.00	P-110	0.00
Mandreal	1	5 1/2	4.78	20.00	P-110	3.20
Final Joint/Pup	1	5 1/2	4.78	20.00	P-110	46.79
Casing Joints	108	5 1/2	4.78	20.00	P-110	4,737.41
Air Lock	1	5 1/2	4.78	20.00	P-110	1.92
Casing Joints	29	5 1/2	4.78	20.00	P-110	1,269.02
Marker Joint 4	1	5 1/2	4.78	20.00	P-110	22.43
Casing Joints	29	5 1/2	4.78	20.00	P-110	1,283.25
Marker Joint 3	1	5 1/2	4.78	20.00	P-110	21.33
Casing Joints	31	5 1/2	4.78	20.00	P-110	1,365.87
Marker Joint 2	1	5 1/2	4.78	20.00	P-110	21.74
Casing Joints	33	5 1/2	4.78	20.00	P-110	1,450.60
Toe Sleeve	1	5 1/2	4.78	20.00	P-110	5.10
Marker Joint 1	1	5 1/2	4.78	20.00	P-110	21.95
Float Collar	1	5 1/2	4.78	20.00	P-110	2.42
Casing Joints	1	5 1/2	4.78	20.00	P-110	44.30
Float Collar	1	5 1/2	4.78	20.00	P-110	2.42
Casing Joints	1	5 1/2	4.78	20.00	P-110	43.77
Float Shoe	1					2.64

Intermediate, 3,434.5ftKB

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	15.2	3,434.5		8.92

**WellView®****Wellbore Schematic - Components and Cement****Well Name: S LYBROOK UNIT 345H (fka S CHACO)**

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**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	85	9 5/8	8.92	36.00	J-55	3,370.20
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	39.71
Float Shoe	1	9 5/8	8.92	36.00	J-55	1.98

**Surface, 360.0ftKB**

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	-0.3	360.0		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	317.63
Float Collar	1	13 3/8	12.62	54.50	J-55	1.50
Casing Joints	1	13 3/8	12.62	54.50	J-55	39.65
Shoe	1	13 3/8	12.62	54.50	J-55	1.50

**Cement****Surface Casing Cement, Casing, 5/17/2022 15:00**

Description	String	Cementing Start Date	Cementing End Date
Surface Casing Cement	Surface, 360.0ftKB	5/17/2022 15:00	5/17/2022 17:00

**Cement Stages**

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	13.0	365.0	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 24 bbls good cmt to surface

**Intermediate Casing Cement, Casing, 8/7/2022 14:35**

Description	String	Cementing Start Date	Cementing End Date
Intermediate Casing Cement	Intermediate, 3,434.5ftKB	8/7/2022 14:35	8/7/2022 17:39

**Cement Stages**

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	15.0	3,440.0	PJSM with Drake Energy Services. Pressure tested lines to 2500 psi. Pumped 10 bbls FW, 10 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 266 bbls (698 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 260.5 bbls FW. FCP at 900 psi and Did not Bump Plug, bled off floats held. Maintained returns throughout job. Calculated 120 bbls to surface and got 10 bbls of good cement to surface. Top of Lead to surface and top of tail at 2,887 ft MD.

**Production Casing Cement, Casing, 8/30/2022 20:30**

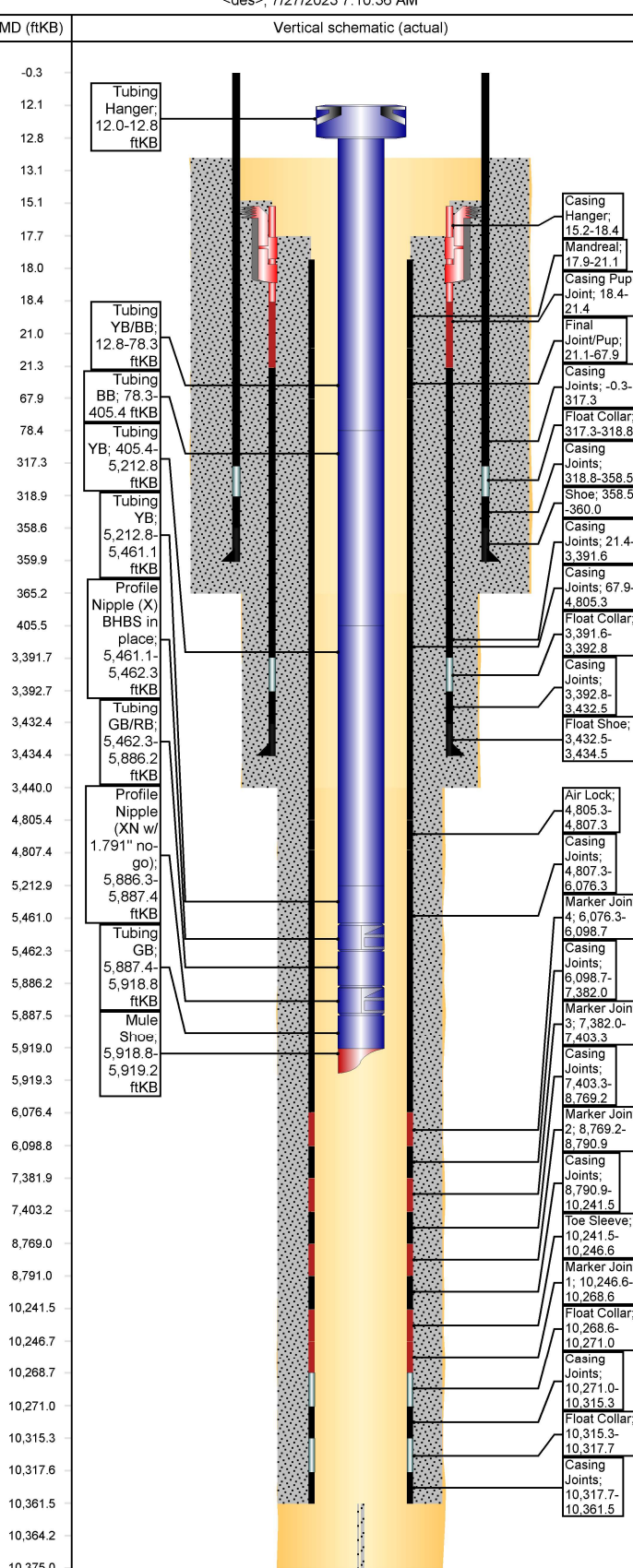
Description	String	Cementing Start Date	Cementing End Date
Production Casing Cement	Intermediate, 10,364.1ftKB	8/30/2022 20:30	8/30/2022 23:33



## Wellbore Schematic - Components and Cement

**Well Name: S LYBROOK UNIT 345H (fka S CHACO)**

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MD (ftKB)	Vertical schematic (actual)
-0.3	
12.1	
12.8	
13.1	
15.1	
17.7	
18.0	
18.4	
21.0	
21.3	
67.9	
78.4	
317.3	
318.9	
358.6	
359.9	
365.2	
405.5	
3,391.7	
3,392.7	
3,432.4	
3,434.4	
3,440.0	
4,805.4	
4,807.4	
5,212.9	
5,461.0	
5,462.3	
5,886.2	
5,887.5	
5,919.0	
5,919.3	
6,076.4	
6,098.8	
7,381.9	
7,403.2	
8,769.0	
8,791.0	
10,241.5	
10,246.7	
10,268.7	
10,271.0	
10,315.3	
10,317.6	
10,361.5	
10,364.2	
10,375.0	

Cement Stages			
Stg #	Top (ftKB)	Btm (ftKB)	Com
1	17.7	10,375.0	<p>Cement Summary: PJSM with American Cementing. Pressure tested lines to 5000 psi. Pumped 60 bbls Intrguard Star @11.0 ppg. Pumped Lead Cement: 231 bbls 547 sx) ASTM Type I/II at 12.4 ppg, 2.36 ft3/sk, 13.39 gal H2O/sk. Pumped Tail Cement: 362 bbls (1,261 sx) Class G Cement at 13.3 ppg, 1.57 ft3/1,297 sk, 7.7 gal H2O/sk. Washed lines, dropped plug &amp; began displacement. Displaced with 275. bbls FW with cement retarder in 1st 50 bbls. FCP at 1,128-- psi Bump Plug at 4.0 bpm to 2,120- psi. Bled back 2.0 Bbls and floats held. Cement From 10:00 To 15:00/- 08/24/2022</p> <p>Top of Tail: Calculated 4,401 ft MD. Top of Lead: Surface Cement Back 95 BBL, Calculated Back105 bbl's</p> <p>Cement in place at 14:00 on 8/24/2022, Wash Through All Cement Lines</p>

Wellbores			
<des>			
Wellbore Name		Parent Wellbore	
		Original Hole	
Wellbore Sections			
Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)

Page 3/3

Report Printed: 7/27/2023



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 270814

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 270814
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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