

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.

NMNM120377

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☐ Other

2. 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.

NMNM136328A

8. Well Name and No.

RODEO UNIT/494H

9. API Well No. 3004535923

10. Field and Pool or Exploratory Area

CHACO/BASIN MANCOS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC 31/T23N/R8W/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				
<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 a wellbore cleanout. An updated well schematic is attached.

EOT: 5208 MD

Packer Top: 5102 MD

GLVs: 4405 MD

Orifice Valve: 5092 MD

Job Start: 5/1/2025

Job End: 5/9/2025

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

HEATHER HUNTINGTON / Ph: (505) 636-9751

Permitting Technician

Title

(Electronic Submission)
Signature

Date

06/17/2025

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

KENNETH G RENNICK / Ph: (505) 564-7742 / Accepted

Petroleum Engineer

Title

06/17/2025

Date

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: LOT 1 / 225 FNL / 935 FWL / TWSP: 23N / RANGE: 8W / SECTION: 31 / LAT: 36.19001 / LONG: -107.728343 (TVD: 0 feet, MD: 0 feet)

PPP: LOT 4 / 798 FSL / 209 FWL / TWSP: 23N / RANGE: 8W / SECTION: 30 / LAT: 36.192826 / LONG: -107.730808 (TVD: 3000 feet, MD: 5268 feet)

BHL: SWSW / 180 FSL / 814 FWL / TWSP: 23N / RANGE: 8W / SECTION: 32 / LAT: 36.176594 / LONG: -107.710841 (TVD: 4125 feet, MD: 14239 feet)

CONFIDENTIAL

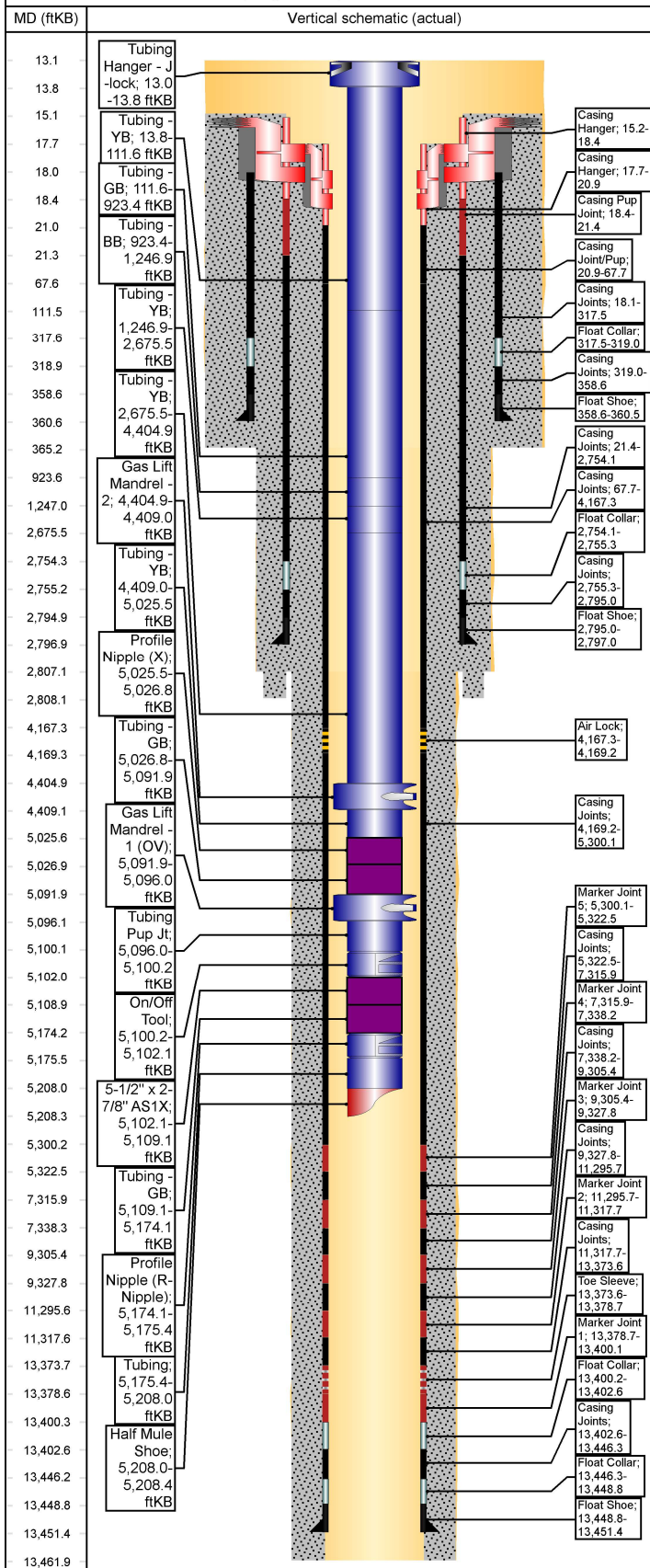


Wellbore Schematic - Components and Cement

Well Name: RODEO UNIT 494H

API/UWI 30-045-35923		County SAN JUAN		State/Province NEW MEXICO		Surface Legal Location (Unit D) NW/4, NW/4, Section 31, Twp 23N, Rng 08W, NMPM	
Spud Date 8/2/2022	On Production Date		Abandon Date	Ground Elevation (ft) 6,680.00	Original KB Elevation (ft) 6,693.00	Total Depth (All) (ftKB) Original Hole - 13,462.0	PBTD (All) (ftKB)

Horizontal, Original Hole, 6/10/2025 8:40:36 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)	Grade	Wt (lb/ft)
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Tubing Strings

Tubing - Production set at 5,208.4ftKB on 5/8/2025 12:00

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)
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1	Tubing Hanger - J-lock	4 3/4	0.80	13.0	13.8		
3	Tubing - YB	2 7/8	97.76	13.8	111.6	L-80	6.50
25	Tubing - GB	2 7/8	811.86	111.6	923.4	L-80	6.50
10	Tubing - BB	2 7/8	323.48	923.4	1,246.9	L-80	6.50
44	Tubing - YB	2 7/8	1,428.59	1,246.9	2,675.5	L-80	6.50
54	Tubing - YB	2 7/8	1,729.45	2,675.5	4,404.9	L-80	6.50
1	Gas Lift Mandrel - 2	4.335	4.10	4,404.9	4,409.0		
19	Tubing - YB	2 7/8	616.50	4,409.0	5,025.5	L-80	6.50
1	Profile Nipple (X)	2 7/8	1.30	5,025.5	5,026.8		
2	Tubing - GB	2 7/8	65.08	5,026.8	5,091.9		
1	Gas Lift Mandrel - 1 (OV)	4.335	4.10	5,091.9	5,096.0		
1	Tubing Pup Jt	2 7/8	4.20	5,096.0	5,100.2	L-80	6.50
1	On/Off Tool	2 7/8	1.87	5,100.2	5,102.1		
1	5-1/2" x 2-7/8" AS1X	2 7/8	6.98	5,102.1	5,109.1		
2	Tubing - GB	2 7/8	65.08	5,109.1	5,174.2		
1	Profile Nipple (R-Nipple)	2 7/8	1.30	5,174.2	5,175.5		
1	Tubing	2 7/8	32.55	5,175.5	5,208.0	L-80	6.50
1	Half Mule Shoe	2 7/8	0.40	5,208.0	5,208.4		

Casing Strings

Intermediate, 2,797.0ftKB

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	15.2	2,797.0		8.92
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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	69	9 5/8	8.92	36.00	J-55	2,732.75
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	39.68
Float Shoe	1	9 5/8	8.92	36.00	J-55	1.98

Production, 13,451.4ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
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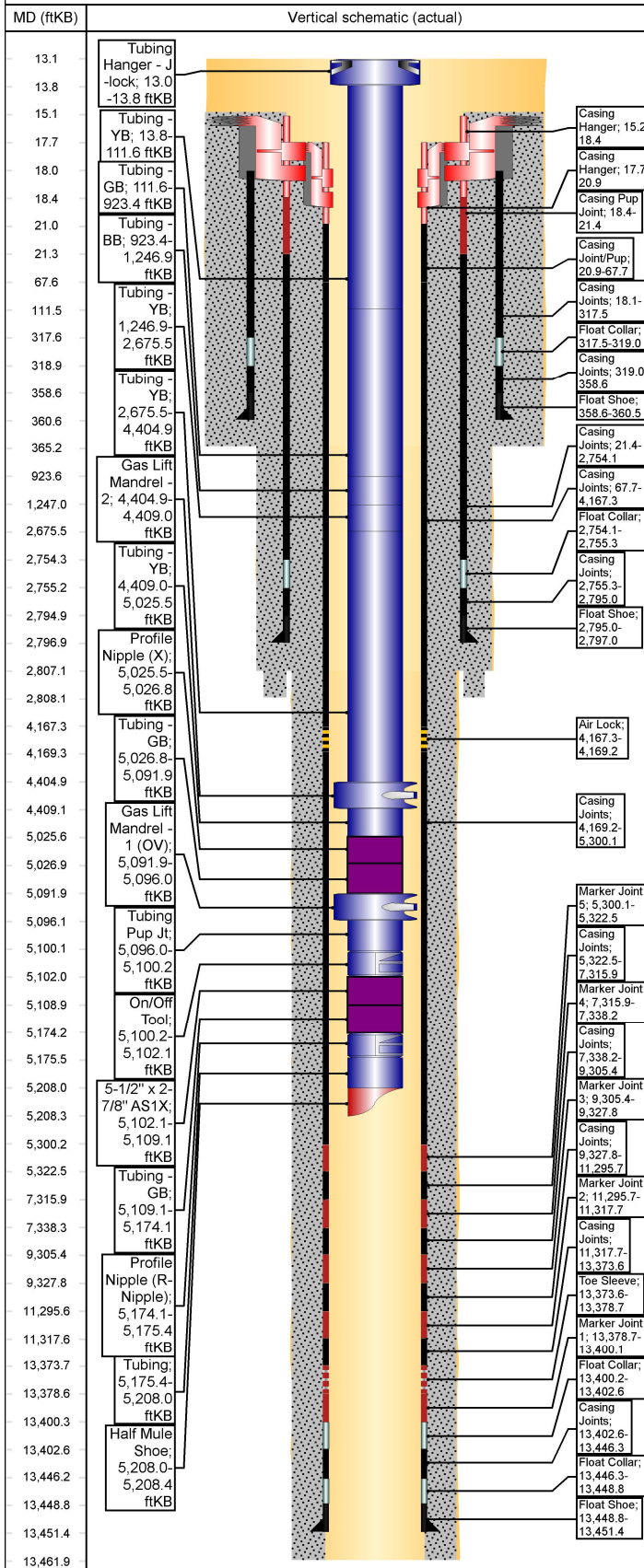
Production	5 1/2	20.00	P-110	17.7	13,451.4		4.78
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Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Marker Joint 9	0	5 1/2	4.78	20.00	P-110	0.00
Marker Joint 8	0	5 1/2	4.78	20.00	P-110	0.00
Marker Joint 7	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
Marker Joint 6	0	5 1/2	4.78	20.00	P-110	0.00

Well Name: RODEO UNIT 494H

Horizontal, Original Hole, 6/10/2025 8:40:37 AM



Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Landing Joint	0	5 1/2	4.78	20.00	P-110	0.00
Casing Hanger	1	5 1/2	4.78	20.00	P-110	3.20
Casing Joint/Pup	1	5 1/2	4.78	20.00	P-110	46.77
Casing Joints	95	5 1/2	4.78	20.00	P-110	4,099.63
Air Lock	1	5 1/2	4.78	20.00	P-110	1.92
Casing Joints	26	5 1/2	4.78	20.00	P-110	1,130.88
Marker Joint 5	1	5 1/2	4.78	20.00	P-110	22.42
Casing Joints	47	5 1/2	4.78	20.00	P-110	1,993.35
Marker Joint 4	1	5 1/2	4.78	20.00	P-110	22.32
Casing Joints	45	5 1/2	4.78	20.00	P-110	1,967.20
Marker Joint 3	1	5 1/2	4.78	20.00	P-110	22.41
Casing Joints	45	5 1/2	4.78	20.00	P-110	1,967.87
Marker Joint 2	1	5 1/2	4.78	20.00	P-110	22.02
Casing Joints	47	5 1/2	4.78	20.00	P-110	2,055.91
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	21.43
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	43.76
Float Collar	1	5 1/2	4.78	20.00	P-110	2.42
Float Shoe	1	5 1/2	4.78	20.00	P-110	2.65

Surface, 360.5ftKB

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	18.1	360.5		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	299.44
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	39.65
Float Shoe	1	13 3/8	12.62	54.50	J-55	1.88

Cement

Surface Casing Cement, Casing, 8/4/2022 12:00

Description	String	Cementing Start Date	Cementing End Date
Surface Casing Cement	Surface, 360.5ftKB	8/4/2022 12:00	8/4/2022 13:30

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	18.0	365.0	Rig Up Drake Energy Services : Pumped, 10 bbl Mud Clean , 5 bbl Freash Water Spacer , Pumped Lead Cement 79.2 bbls , 14.6 1.39y (350 Sack's) , Displace With Freash Water 49 bbls , Bumped Plug , Float's Held , Bled Back 1/4 bbl , 40 bbl's Cement Back To Surface , Cement In Place At 13:30

Intermediate Casing Cement, Casing, 10/28/2022 23:45

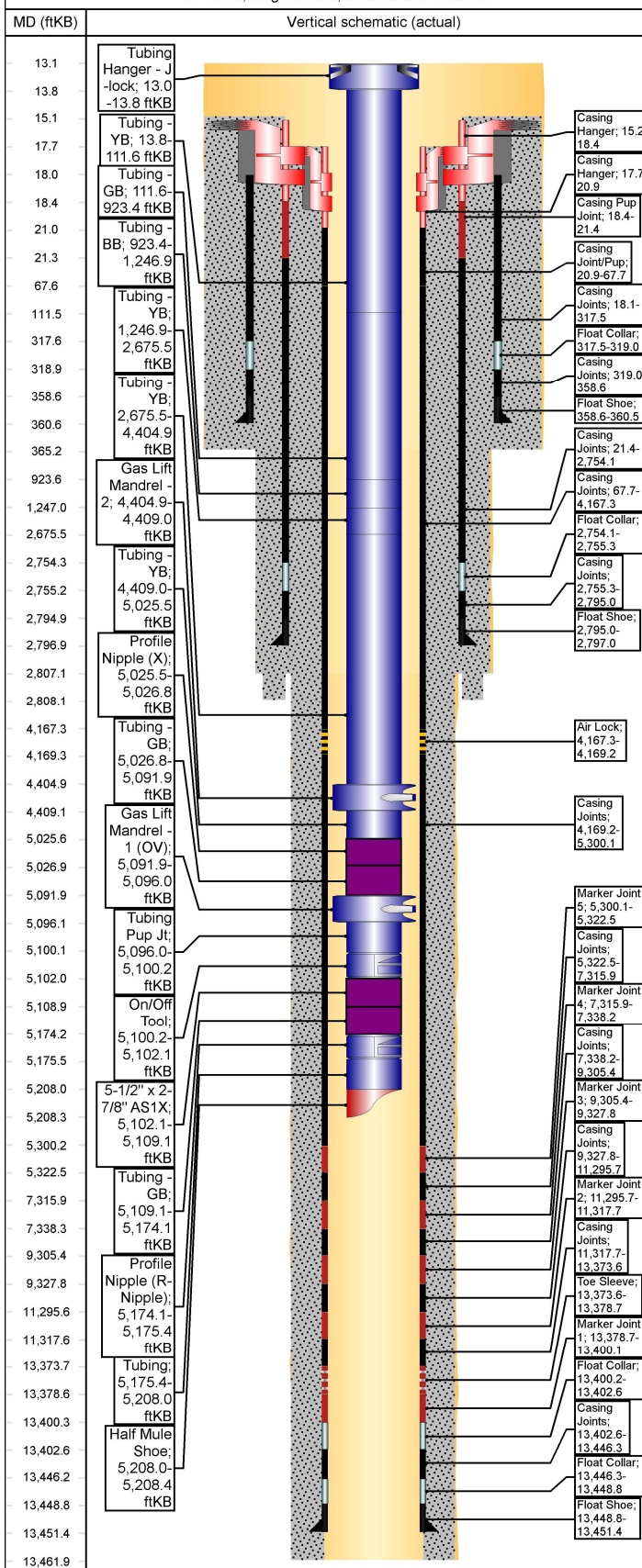
Description	String	Cementing Start Date	Cementing End Date
Intermediate Casing Cement	Intermediate, 2,797.0ftKB	10/28/2022 23:45	10/29/2022 01:45

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	15.0	2,808.0	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: 155 bbls (539 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 212.9 bbls FW. FCP at 800 psi and Bump Plug, bled off floats held. Maintained returns throughout job. Calculated 70 bbls to surface and got 73 bbls of good cement to surface. Top of Lead to surface and top of tail at 2,156ft MD.

WellView®**Wellbore Schematic - Components and Cement****Well Name: RODEO UNIT 494H**

Horizontal, Original Hole, 6/10/2025 8:40:38 AM

**Cement****Production Casing Cement, Casing, 11/12/2022 21:10**

Description	String	Cementing Start Date	Cementing End Date
Production Casing Cement	Production, 13,451.4ftKB	11/12/2022 21:10	11/13/2022 00:45

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	17.7	13,462.0	Cement Summary: PJSM with American Cementing. Pressure tested lines to 5000 psi. Pumped 60 bbls Intrguard Star @11.0 ppg. Pumped Lead Cement: 214 bbls 503 sx) ASTM Type I/II at 12.4 ppg, 2.36 ft3/sk, 13.39 gal H2O/sk. Pumped Tail Cement: 437 bbls (1555 sx) Class G Cement at 13.3 ppg, 1.57 ft3/sk, 7.7 gal H2O/sk. Washed lines, dropped plug & began displacement. Displaced with 297 bbls FW with cement retarder in 1st 50 bbls. FCP at 2,004--psi Bump Plug at 4.0 bpm to 3,098- psi. Bled back 2.5 Bbls and floats held. Cement From 21:26 To 00:45 - 11/12 - 11/13/2022 Top of Tail: Calculated 3,976 ft MD. Top of Lead: Surface Cement Back 80 BBL, Calculated Back 80 bbl's Cement in place at 00:45 on 11/13/2022, Wash Through All Cement Lines

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	13.0	365.0
Intermediate	12 1/4	365.0	2,807.0
Production	8 1/2	2,807.0	13,462.0

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 477429

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 477429
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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