

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. 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 1050 17TH STREET SUITE 2500, DENVER, CO
3b. Phone No. (include area code)
(303) 573-1222

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
SEC 25/T23N/R9W/NMP

7. If Unit of CA/Agreement, Name and/or No.
NMNM136328A, NMNM136328X

8. Well Name and No.
RODEO UNIT/510H

9. API Well No. 3004535871

10. Field and Pool or Exploratory Area
BASIN MANCOS/MANCOS W

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	
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☒ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
☐ Final Abandonment Notice	☐ 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 tubing reconfiguration. An updated well schematic is attached.

EOT: 5,445 MD
Packer: NA
GLVs: None
Orifice Valve: none - EOT
Job Start: 3/1/2023
Job End: 3/15/2023

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 03/16/2023

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title Petroleum Engineer

Date 03/17/2023

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)

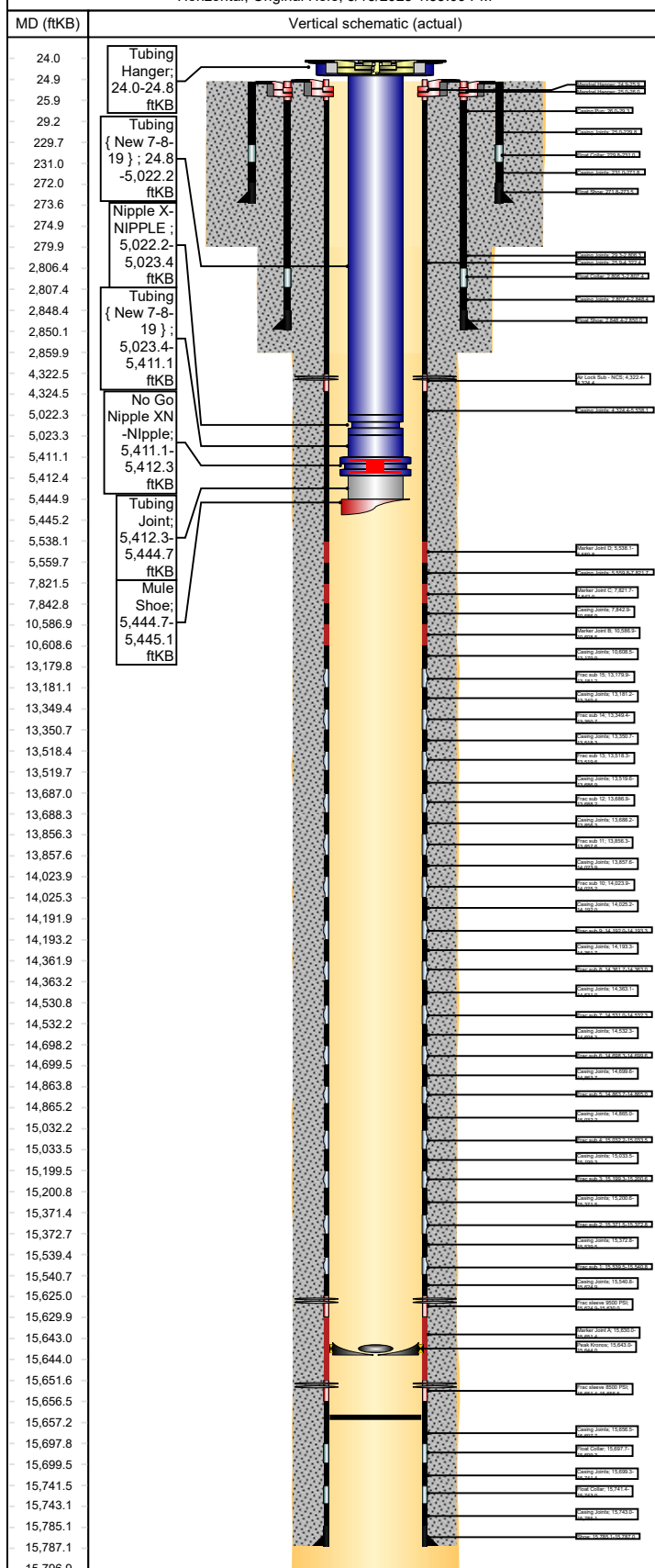


Wellbore Schematic - Components and Cement

Well Name: RODEO UNIT 510H

API/UWI 30-045-35871		County SAN JUAN	State/Province NEW MEXICO	Surface Legal Location SE/4, NE/4, Section 25 (Unit H), Twp 23N, Rng 09W, NMPM		
Spud Date 9/25/2018	On Production Date 7/24/2019	Abandon Date	Ground Elevation (ft) 6,883.00	Original KB Elevation (ft) 6,908.00	Total Depth (All) (ftKB) Original Hole - 15,797.0	PBTD (All) (ftKB) Original Hole - 15,657.0

Horizontal, Original Hole, 3/15/2023 1:33:09 PM



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
Peak Kronos	Production Casing, 15,787.0ftKB	15,643.0	15,644.0	6/24/2019 08:27

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 5,445.1ftKB on 3/14/2023 16:00

Tubing Description	Len (ft)	Set Depth (ftKB)	Run Date	Cut/Pull Date	Depth C...
Tubing - Production	5,421.14	5,445.1	3/14/2023		

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger	7	0.80	24.0	24.8		
16	Tubing { New 7-8-19 }	2 7/8	4,997.3	24.8	5,022.2	L-80	6.50
2			8				
1	Nipple X-NIPPLE	2 7/8	1.20	5,022.2	5,023.4		
12	Tubing { New 7-8-19 }	2 7/8	387.68	5,023.4	5,411.1	L-80	6.50
1	No Go Nipple XN-Nipple	3.668	1.20	5,411.1	5,412.3		
1	Tubing Joint	2 7/8	32.48	5,412.3	5,444.7	L-80	6.50
1	Mule Shoe	3.65	0.40	5,444.7	5,445.1		

Casing Strings

Production Casing, 15,787.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Production Casing	5 1/2	17.00	P-110	24.9	15,787.0		4.89

Casing Components

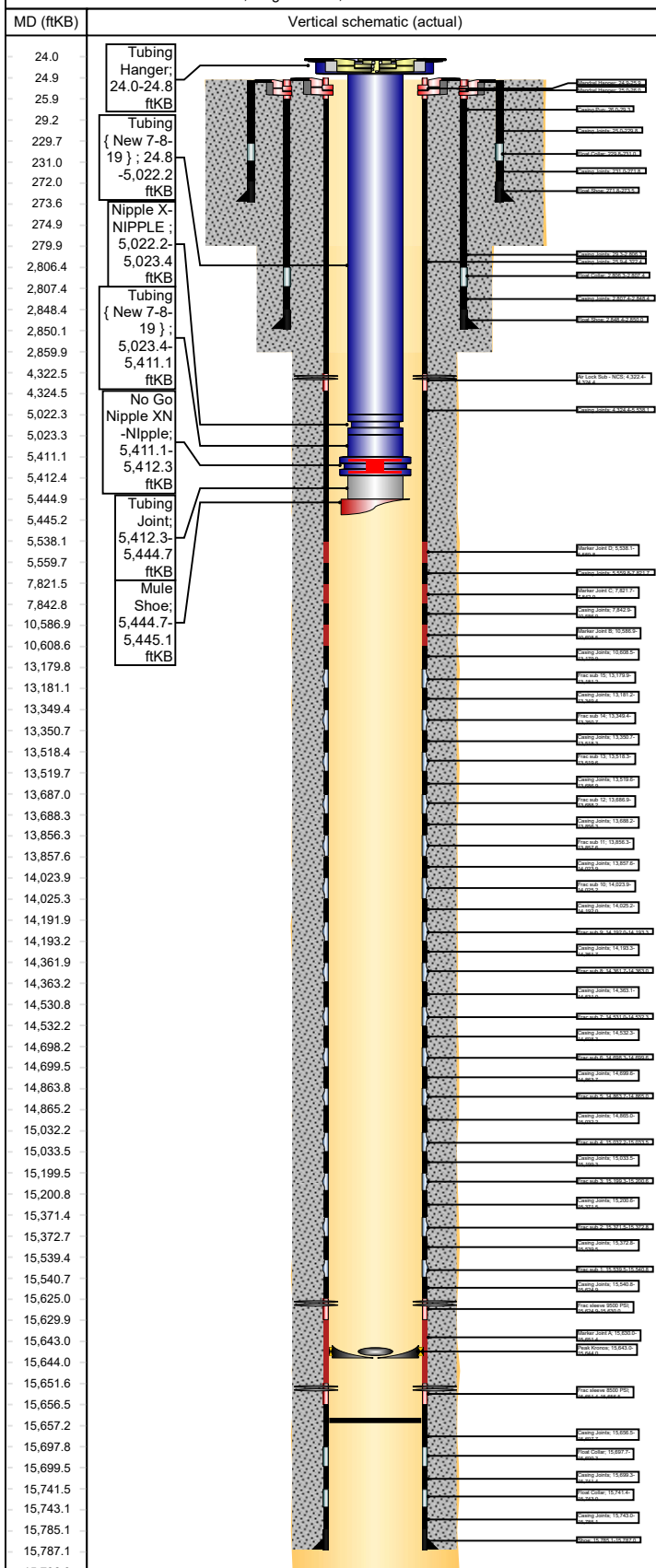
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Landing Joint - 27.16'		5 1/2	4.89	17.00	P-110	0.00
Mandrel Hanger	1	5 1/2	4.89	17.00	P-110	1.00
Casing Joints	104	5 1/2	4.89	17.00	P-110	4,296.43
Air Lock Sub - NCS	1	5 1/2	4.89	17.00	P-110	2.00
Casing Joints	29	5 1/2	4.89	17.00	P-110	1,213.78
Marker Joint D	1	5 1/2	4.89	17.00	P-110	21.67
Casing Joints	53	5 1/2	4.89	17.00	P-110	2,261.85
Marker Joint C	1	5 1/2	4.89	17.00	P-110	21.23
Casing Joints	66	5 1/2	4.89	17.00	P-110	2,744.03
Marker Joint B	1	5 1/2	4.89	17.00	P-110	21.61
Casing Joints	62	5 1/2	4.89	17.00	P-110	2,571.40
Frac sub 15	1	5 1/2	4.89	17.00	P-110	1.30
Casing Joints	4	5 1/2	4.89	17.00	P-110	168.15
Frac sub 14	1	5 1/2	4.89	17.00	P-110	1.30
Casing Joints	4	5 1/2	4.89	17.00	P-110	167.57
Frac sub 13	1	5 1/2	4.89	17.00	P-110	1.30
Casing Joints	4	5 1/2	4.89	17.00	P-110	167.35
Frac sub 12	1	5 1/2	4.89	17.00	P-110	1.30
Casing Joints	4	5 1/2	4.89	17.00	P-110	168.14
Frac sub 11	1	5 1/2	4.89	17.00	P-110	1.30
Casing Joints	4	5 1/2	4.89	17.00	P-110	166.29
Frac sub 10	1	5 1/2	4.89	17.00	P-110	1.30
Casing Joints	4	5 1/2	4.89	17.00	P-110	166.78
Frac sub 9	1	5 1/2	4.89	17.00	P-110	1.30
Casing Joints	4	5 1/2	4.89	17.00	P-110	168.43
Frac sub 8	1	5 1/2	4.89	17.00	P-110	1.30
Casing Joints	4	5 1/2	4.89	17.00	P-110	167.95
Frac sub 7	1	5 1/2	4.89	17.00	P-110	1.30

WellView®

Wellbore Schematic - Components and Cement

Well Name: RODEO UNIT 510H

Horizontal, Original Hole, 3/15/2023 1:33:09 PM



Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	4	5 1/2	4.89	17.00	P-110	166.00
Frac sub 6	1	5 1/2	4.89	17.00	P-110	1.30
Casing Joints	4	5 1/2	4.89	17.00	P-110	164.10
Frac sub 5	1	5 1/2	4.89	17.00	P-110	1.30
Casing Joints	4	5 1/2	4.89	17.00	P-110	167.23
Frac sub 4	1	5 1/2	4.89	17.00	P-110	1.30
Casing Joints	4	5 1/2	4.89	17.00	P-110	165.80
Frac sub 3	1	5 1/2	4.89	17.00	P-110	1.30
Casing Joints	4	5 1/2	4.89	17.00	P-110	170.85
Frac sub 2	1	5 1/2	4.89	17.00	P-110	1.30
Casing Joints	4	5 1/2	4.89	17.00	P-110	166.72
Frac sub 1	1	5 1/2	4.89	17.00	P-110	1.30
Casing Joints	2	5 1/2	4.89	17.00	P-110	84.10
Frac sleeve 9500 PSI	1	5 1/2	4.89	17.00	P-110	5.08
Marker Joint A	1	5 1/2	4.89	17.00	P-110	21.44
Frac sleeve 8500 PSI	1	5 1/2	4.89	17.00	P-110	5.08
Casing Joints	1	5 1/2	4.89	17.00	P-110	41.25
Float Collar	1	5 1/2	4.89	17.00	P-110	1.60
Casing Joints	1	5 1/2	4.89	17.00	P-110	42.05
Float Collar	1	5 1/2	4.89	17.00	P-110	1.60
Casing Joints	1	5 1/2	4.89	17.00	P-110	42.10
Shoe	1	5 1/2	4.89	17.00	P-110	1.90

Intermediate Casing, 2,850.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Intermediate Casing	9 5/8	36.00	J-55	25.0	2,850.0		8.92

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Landing Joint - 30.50'	0	9 5/8	8.92	36.00	J-55	0.00
Mandrel Hanger		9 5/8	8.92			1.00
Casing Pup	1	9 5/8	8.92	36.00	J-55	3.30
Casing Joints	67	9 5/8	8.92	36.00	J-55	2,777.05
Float Collar	1	9 5/8	8.92	36.00	J-55	1.04
Casing Joints	1	9 5/8	8.92	36.00	J-55	41.00
Float Shoe	1	9 5/8	8.92	36.00	J-55	1.62

Surface Casing, 273.5ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Surface Casing	13 3/8	54.50	J-55	25.0	273.5		12.62

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	5	13 3/8	12.62	54.50	J-55	204.80
Float Collar		13 3/8	12.62		J-55	1.24
Casing Joints	1	13 3/8	12.62	54.50	J-55	40.80
Float Shoe		13 3/8	12.62		J-55	1.65

Cement

Surface Casing Cement, Casing, 9/25/2018 14:00

Description	String	Cementing Start Date	Cementing End Date
Surface Casing Cement	Surface Casing, 273.5ftKB	9/25/2018 14:00	9/25/2018 17:30

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
0	25.0	275.0	320 sx (67.3 bbl) Type G cmt

Intermediate Casing Cement, Casing, 10/20/2018 09:30

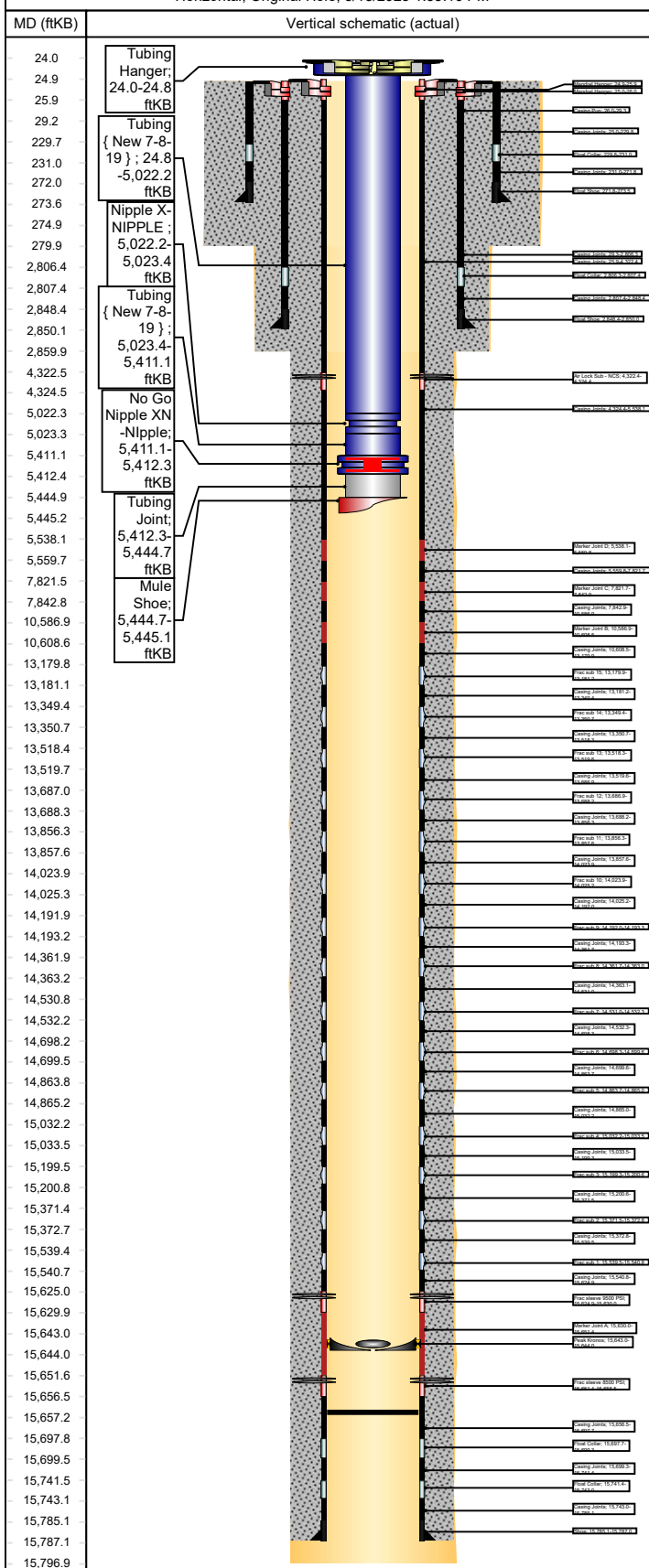
Description	String	Cementing Start Date	Cementing End Date
Intermediate Casing Cement	Intermediate Casing, 2,850.0ftKB	10/20/2018 09:30	10/20/2018 12:15

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	25.0	2,860.0	Lead Cement: 183 bbls (515 sx) Econocem Tail Cement: 36.9 bbls (180 sx) Halcem

WellView®**Wellbore Schematic - Components and Cement****Well Name: RODEO UNIT 510H**

Horizontal, Original Hole, 3/15/2023 1:33:10 PM

**Cement****Production Casing Cement, Casing, 11/1/2018 13:30**

Description	String	Cementing Start Date	Cementing End Date
Production Casing Cement	Production Casing, 15,787.0ftKB	11/1/2018 13:30	11/1/2018 17:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	25.0	15,787.0	Lead: 640 sx (217 bbl) Tail: 2150 sx (520.7 bbls)

Wellbores**Original Hole**

Wellbore Name	Parent Wellbore
Original Hole	Original Hole

Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Surface Hole	17 1/2	25.0	280.0
Intermediate Hole	12 1/4	280.0	2,860.0
Production Hole	8 1/2	2,860.0	15,797.0

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 198773

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 198773
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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