

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. **NMSF079366**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 21/T27N/R6W/NMP**7. If Unit of CA/Agreement, Name and/or No.  
**RINCON UNIT--STATE/NMNM78406X**8. Well Name and No. **RINCON UNIT/615H**9. API Well No. **3003931372**10. Field and Pool or Exploratory Area  
**BASIN MANCOS/MANCOS W**11. Country or Parish, State  
**RIO ARRIBA/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 tubing reconfiguration on the subject well. An updated wellbore schematic is attached.

EOT: 7253 MD

XN Nipple: 7219 MD

X Nipple: 6754 MD

Job End Date: 10.3.2023

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
**HEATHER HUNTINGTON / Ph: (505) 636-9751**Title **Permitting Technician**(Electronic Submission)  
SignatureDate **10/27/2023****THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

**MATTHEW H KADE / Ph: (505) 564-7736 / Accepted**Title **Petroleum Engineer**Date **10/27/2023**

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)

## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

## SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13*: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

## NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

## Additional Information

### Location of Well

0. SHL: NENE / 1141 FNL / 1257 FEL / TWSP: 27N / RANGE: 6W / SECTION: 21 / LAT: 36.563961 / LONG: -107.467833 ( TVD: 0 feet, MD: 0 feet )

PPP: NWNE / 433 FNL / 1725 FEL / TWSP: 27N / RANGE: 6W / SECTION: 21 / LAT: 36.56589 / LONG: -107.469377 ( TVD: 5764 feet, MD: 5850 feet )

BHL: NENE / 392 FNL / 849 FEL / TWSP: 27N / RANGE: 6W / SECTION: 19 / LAT: 36.565475 / LONG: -107.502215 ( TVD: 6746 feet, MD: 16189 feet )

CONFIDENTIAL



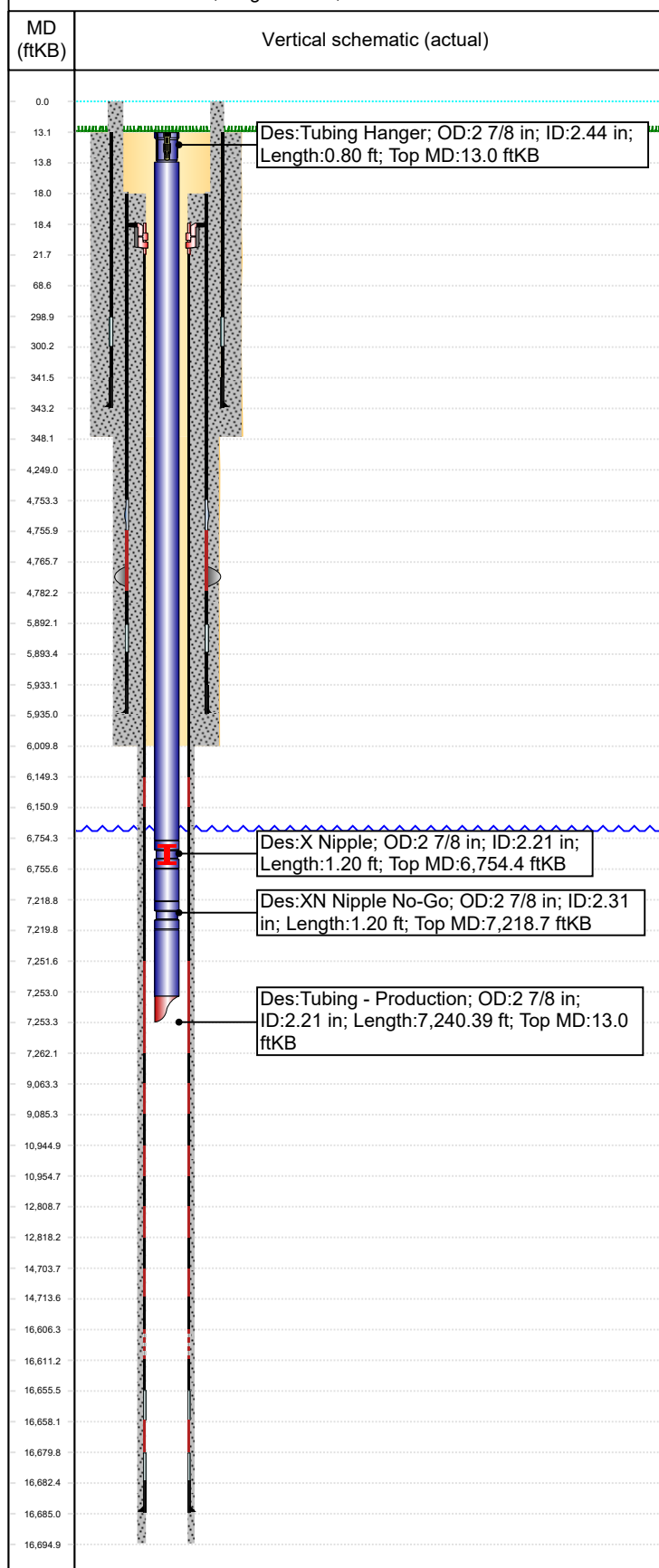
## Enduring Resources IV - Production WBD

Well Name: RINCON UNIT 615H

NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-039-31372	Surface Legal Location NE/4, NE/4, Section 21, Twp 27N, Rng 06...	Field Name Rincon	License # NMSF0079366	State/Province New Mexico	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,551.00	KB-Tubing Head Distance (ft)	Spud Date 11/15/2018 09:00	Rig Release Date 10/8/2022 13:30	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 5,956.6

Horizontal, Original Hole, 10/18/2023 10:00:12 AM



## Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
Surface Hole	17 1/2	13.0		348.0	
Intermediate	12 1/4	348.0		6,010.0	5,956.6

## Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)
Item Des	Jts	OD (in)	Len (ft)
		Top (ftKB)	Btm (ftKB)

## Tubing - Production set at 7,253.4ftKB on 10/3/2023 12:45

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing - Production	10/3/2023	7,240.39	7,253.4
Item Des	Jts	Grade	Wt (lb/ft)
		OD (in)	ID (in)
		Len (ft)	Top (ftKB)
		Btm (ftKB)	
Tubing Hanger	1	L-80	6.50
		2 7/8	2.44
		0.80	13.0
			13.8
Tubing	204	L-80	6.50
		2 7/8	2.44
		6,740.56	13.8
			6,754.4
X Nipple	1	L-80	6.50
		2 7/8	2.21
		1.20	6,754.4
			6,755.6
Tubing	14	L-80	6.50
		2 7/8	2.44
		463.11	6,755.6
			7,218.7
XN Nipple No-Go	1	L-80	6.50
		2 7/8	2.31
		1.20	7,218.7
			7,219.9
Tubing	1	L-80	6.50
		2 7/8	2.44
		33.12	7,219.9
			7,253.0
Mule Shoe	1	L-80	6.50
		2 7/8	2.44
		0.40	7,253.0
			7,253.4

## Surface Casing, 343.1ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
13 3/8	54.50	J-55	BTC	13.0	343.1
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	7	285.95	13.0	299.0	
Float Collar	1	1.24	299.0	300.2	
Shoe Joint	1	41.23	300.2	341.5	
Float Shoe	1	1.65	341.5	343.1	

## Intermediate, 5,935.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
9 5/8	36.00	J-55	LT&C	18.0	5,935.0
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing cut off	0	0.00	18.0	18.0	
Casing Joints	120	4,735.29	18.0	4,753.3	
Stage Tool	1	2.60	4,753.3	4,755.9	
Casing Pup Joint	1	9.90	4,755.9	4,765.8	
Casing Packer	1	16.40	4,765.8	4,782.2	
Casing Joints	28	1,109.92	4,782.2	5,892.1	
Float Collar	1	1.20	5,892.1	5,893.3	
Casing Joints	1	39.69	5,893.3	5,933.0	
Float Shoe	1	1.98	5,933.0	5,935.0	

## Production, 16,685.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
5 1/2	20.00	P-110	Buttress Thread	18.4	16,685.0
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	0	0.00	18.4	18.4	
Landing Joint	0	0.00	18.4	18.4	
Casing Hanger	1	3.20	18.4	21.6	
Casing/Pup Joints	1	46.97	21.6	68.6	
Casing Joints	138	6,080.50	68.6	6,149.1	
Air Lock	1	1.92	6,149.1	6,151.0	
Casing Joints	25	1,100.54	6,151.0	7,251.6	
Marker Joint 7	1	10.70	7,251.6	7,262.3	
Casing Joints	41	1,801.15	7,262.3	9,063.4	
Marker Joint 6	1	21.94	9,063.4	9,085.4	
Casing Joints	42	1,859.62	9,085.4	10,945.0	
Marker Joint 5	1	9.64	10,945.0	10,954.6	
Casing Joints	42	1,854.08	10,954.6	12,808.7	
Marker Joint 4	1	9.44	12,808.7	12,818.2	
Casing Joints	43	1,885.54	12,818.2	14,703.7	



# Enduring Resources IV - Production WBD

Well Name: RINCON UNIT 615H

NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

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Original KB Elevation (ft) 6,551.00	KB-Tubing Head Distance (ft)	Spud Date 11/15/2018 09:00	Rig Release Date 10/8/2022 13:30	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 5,956.6

Horizontal, Original Hole, 10/18/2023 10:00:14 AM		Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
MD (ftKB)	Vertical schematic (actual)	Marker Joint 3	1	9.77	14,703.7	14,713.5	
		Casing Joints	43	1,892.69	14,713.5	16,606.2	
		Toe Sleeve 10,500	1	5.10	16,606.2	16,611.3	
		Casing Joints	1	44.33	16,611.3	16,655.6	
		Float Collar	1	2.42	16,655.6	16,658.0	
		Marker Joint 1	1	21.93	16,658.0	16,679.9	
		Float Collar	1	2.42	16,679.9	16,682.4	
		Float Shoe	1	2.65	16,682.4	16,685.0	
		<b>Cement</b>					
		Description Surface Casing Cement		Cementing Start Date 11/14/2018		Cementing End Date 11/14/2018	
Comment PJSM, test lines, pump 20 bbls FW spacer & 86 bbls Type G cmt (410 sxs) @ 15.8 PPG, drop plug & disp w/ 44.3 bbls H2O, bump plug @ 112 psi, circ 34 bbls good cmt to surface.							
Description Intermediate Casing Cement		Cementing Start Date 9/16/2022		Cementing End Date 9/16/2022			
Comment Pump Stage 2 As Follows: PJSM with American Cementing. Pumped 50 bbls EZ Spacer. Pumped Stage 2 Cement: 446 bbls (1,127 sx) 90:10 Poz:Type I/II at 12.5 ppg, 2.22 ft3/sk, 12.53 gal H2O/sk. Dropped plug & began displacement. Displaced with 367.4 bbls FW. FCP at 1163 psi and plug bumped at 4.5 bpm to 2429 psi. DV Tool Closed. Bled back 3.5 Bbls and floats held. Maintained returns throughout job. Calculated 174 bbls to surface and got 147 bbls of good cement to surface.							
Description Production Casing Cement		Cementing Start Date 10/8/2022		Cementing End Date 10/8/2022			
Comment Cement Summary: PJSM with American Cementing. Pressure tested lines to 5500 psi. Pumped 60 bblsEZ Spacer @11.0 ppg. Pumped Lead Cement: 288 bbls 682 sx) ASTM Type I/II at 12.4 ppg, 2.37 ft3/sk, 13.38 gal H2O/sk. Pumped Tail Cement: 475 bbls ( 1,699 sx) Class G Cement at 13.3 ppg, 1.57 ft3/sk, 7.68 gal H2O/sk. Washed lines, dropped plug & began displacement. Displaced with 370 bbls FW with cement retarder in 1st 50 bbls. FCP at 2,180-- psi Bump Plug at 4.0 bpm to 3,300- psi. Bled back 4.0 Bbls and floats held. Cement From 0600 To 23:33 - 10/8/2022							
Top of Tail: Calculated 5,183 ft MD. Top of Lead: Surface Cement Back 40 BBL, Calculated Back 40 bbl's							
Cement in place at 0945 on 10/8/2022, Wash Through All Cement Lines							

0.0		
13.1		
13.8		
18.0		
18.4		
21.7		
68.6		
298.9		
300.2		
341.5		
343.2		
348.1		
4,249.0		
4,753.3		
4,755.9		
4,765.7		
4,782.2		
5,892.1		
5,893.4		
5,933.1		
5,935.0		
6,009.8		
6,149.3		
6,150.9		
6,754.3		
6,755.6		
7,218.8		
7,219.8		
7,251.6		
7,253.0		
7,253.3		
7,262.1		
9,063.3		
9,085.3		
10,944.9		
10,954.7		
12,808.7		
12,818.2		
14,703.7		
14,713.6		
16,606.3		
16,611.2		
16,655.5		
16,658.1		
16,679.8		
16,682.4		
16,685.0		
16,694.9		

Des:Tubing Hanger; OD:2 7/8 in; ID:2.44 in; Length:0.80 ft; Top MD:13.0 ftKB

Des:X Nipple; OD:2 7/8 in; ID:2.21 in; Length:1.20 ft; Top MD:6,754.4 ftKB

Des:XN Nipple No-Go; OD:2 7/8 in; ID:2.31 in; Length:1.20 ft; Top MD:7,218.7 ftKB

Des:Tubing - Production; OD:2 7/8 in; ID:2.21 in; Length:7,240.39 ft; Top MD:13.0 ftKB

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 284271

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 284271
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	None	12/5/2025