

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. **NMSF078359**

6. If Indian, Allottee or Tribe Name

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**

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
SEC 17/T23N/R6W/NMP

7. If Unit of CA/Agreement, Name and/or No.
NMNM132829

8. Well Name and No. **NE LYBROOK COM/270H**

9. API Well No. **3003931255**

10. Field and Pool or Exploratory Area
CHACO UNIT NE HZ/CHACO UNIT NE HZ

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 recomplete 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 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 determined that the site is ready for final inspection.)

Enduring Resources performed a workover for a HIT and tubing reconfiguration. An updated well schematic is attached.

EOT: 5,945 MD
 Packer: 5,937
 GLVs: 5,913
 Orifice Valve: none
 Job Start: 10/19/2023
 Job End: 10/20/2023

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
HEATHER HUNTINGTON / Ph: (505) 636-9751

Signature (Electronic Submission) _____ Title **Permitting Technician**

Date **11/08/2023**

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **MATTHEW H KADE / Ph: (505) 564-7736 / Accepted** Title **Petroleum Engineer** Date **11/08/2023**

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: NWNW / 1285 FNL / 327 FWL / TWSP: 23N / RANGE: 6W / SECTION: 17 / LAT: 36.228664 / LONG: -107.500075 (TVD: 0 feet, MD: 0 feet)

PPP: NWNW / 318 FNL / 1019 FWL / TWSP: 23N / RANGE: 6W / SECTION: 17 / LAT: 36.231263 / LONG: -107.497896 (TVD: 0 feet, MD: 0 feet)

BHL: SENW / 1543 FNL / 1681 FWL / TWSP: 23N / RANGE: 6W / SECTION: 16 / LAT: 36.227564 / LONG: -107.47795 (TVD: 0 feet, MD: 0 feet)

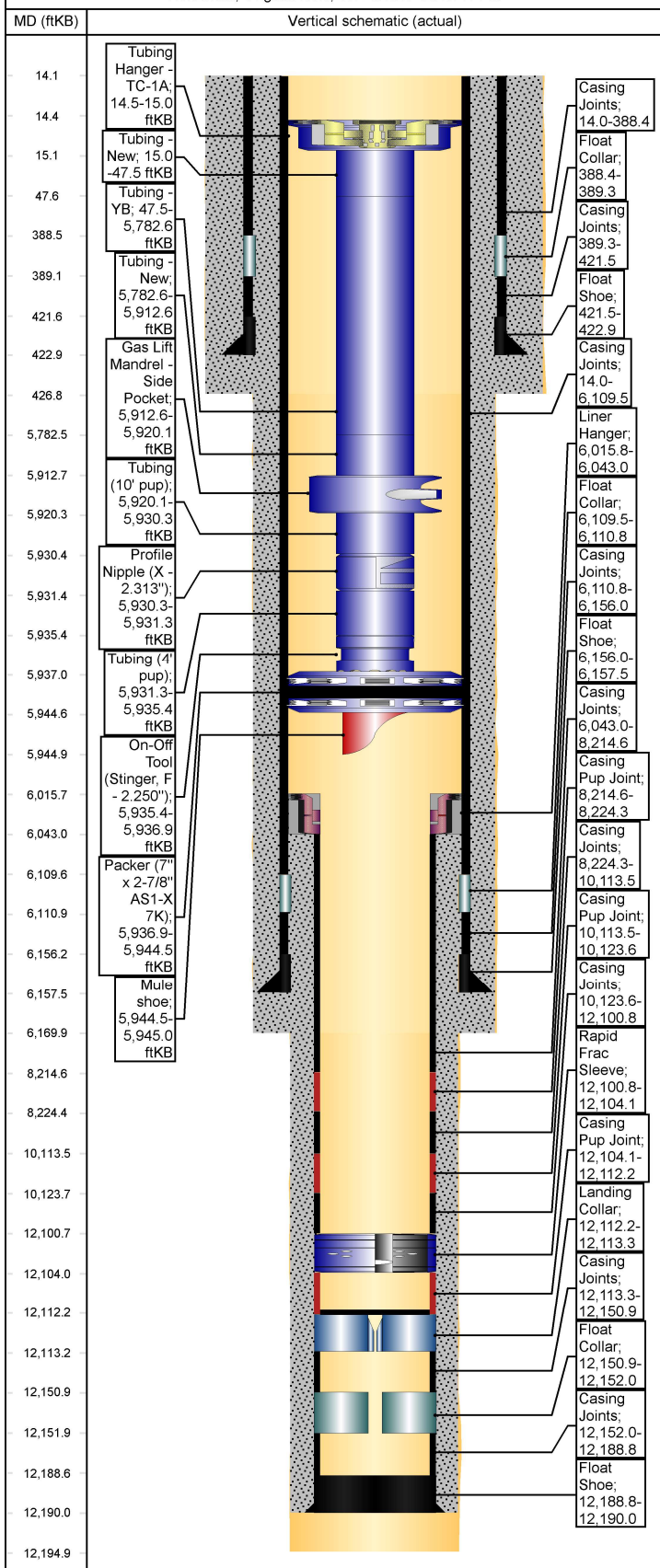
WellView

Wellbore Schematic - Components and Cement

Well Name: **NE LYBROOK COM 270H (fka Chaco)**

API/UWI 30-039-31255	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NE CHACO COM 270H
Spud Date 11/8/2014	On Production Date	Abandon Date	Ground Elevation (ft) 6,910.01
			Original KB Elevation (ft) 6,924.01
			Total Depth (All) (ftKB) Original Hole - 12,195.0
			PBTD (All) (ftKB) Original Hole - 12,112.2

Horizontal, Original Hole, 10/31/2023 12:49:44 PM



Other Strings			
String Description	String Length (ft)	Set Depth (ftKB)	Run Date

Other In Hole				
Des	String	Top (ftKB)	Btm (ftKB)	Run Date

Rod Strings			
<des> on <dtmrun>			
Rod Description	String Length (ft)	Set Depth (ftKB)	Run Date

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)

Tubing Strings						
Tubing - Production set at 5,945.0ftKB on 10/20/2023 13:30						
Tubing Description	Len (ft)	Set Depth (ftKB)	Run Date	Cut/Pull Date	Depth C...	ID (in)
Tubing - Production	5,930.47	5,945.0	10/20/2023			

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger - TC-1A	6.36	0.50	14.5	15.0		
1	Tubing - New	2 7/8	32.48	15.0	47.5	J-55	6.50
17	Tubing - YB	2 7/8	5,735.10	47.5	5,782.6	J-55	6.50
4	Tubing - New	2 7/8	129.99	5,782.6	5,912.6	J-55	6.50
1	Gas Lift Mandrel - Side Pocket	4.835	7.55	5,912.6	5,920.2		
1	Tubing (10' pup)	2 7/8	10.20	5,920.2	5,930.4	J-55	6.50
1	Profile Nipple (X - 2.313")	2 7/8	0.95	5,930.4	5,931.3	J-55	6.50
1	Tubing (4' pup)	2 7/8	4.10	5,931.3	5,935.4	J-55	6.50
1	On-Off Tool (Stinger, F - 2.250")	2 7/8	1.50	5,935.4	5,936.9		
1	Packer (7" x 2-7/8" AS1-X 7K)	6.36	7.55	5,936.9	5,944.5		
1	Mule shoe	2 3/8	0.55	5,944.5	5,945.0		

Casing Strings						
PRODUCTION LINER #1, 12,190.0ftKB						
Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...
PRODUCTION LINER #1	4 1/2	11.60	N-80	6,015.8	12,190.0	4.00

Casing Components						
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Liner Hanger	1	6.36	4.00		N-80	27.16
Casing Joints	58	4 1/2	4.00	11.60	N-80	2,171.61
Casing Pup Joint	1	4 1/2	4.00	11.60	N-80	9.73
Casing Joints	50	4 1/2	4.00	11.60	N-80	1,889.20
Casing Pup Joint	1	4 1/2	4.00	11.60	N-80	10.08
Casing Joints	53	4 1/2	4.00	11.60	N-80	1,977.15
Rapid Frac Sleeve	1	4 1/2	4.00		N-80	3.35
Casing Pup Joint	1	4 1/2	4.00	11.60	N-80	8.11
Landing Collar	1	4 1/2	0.50		N-80	1.09
Casing Joints	1	4 1/2	4.00	11.60	N-80	37.60
Float Collar	1	4 1/2	0.50		N-80	1.10
Casing Joints	1	4 1/2	4.00	11.60	N-80	36.75
Float Shoe	1	4 1/2	0.00		N-80	1.25

INTERMEDIATE CASING, 6,157.5ftKB						
Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...
INTERMEDIATE CASING	7	23.00	J-55	14.0	6,157.5	6.37

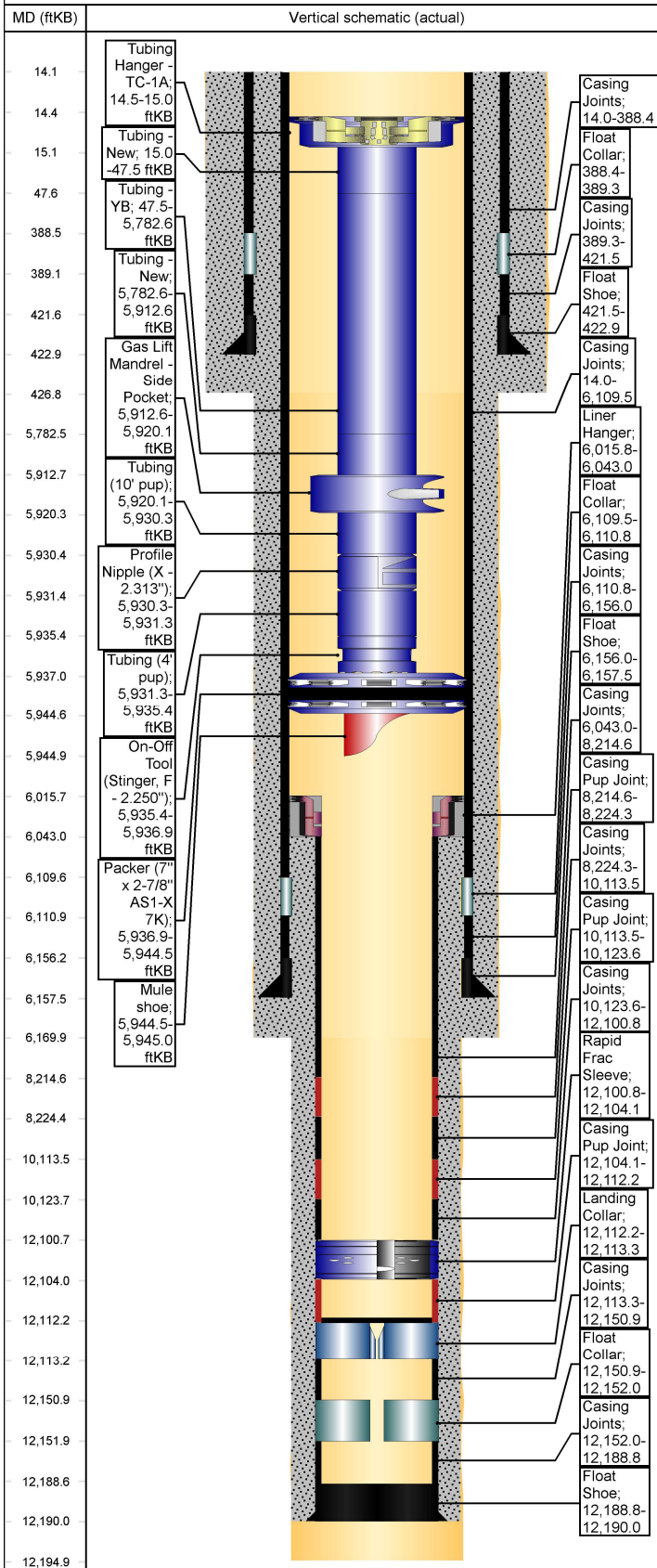
Casing Components						
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	135	7	6.37	23.00	J-55	6,095.52
Float Collar	1	7	6.13	23.00	J-55	1.35
Casing Joints	1	7	6.37	23.00	J-55	45.18

WellView®

Wellbore Schematic - Components and Cement

Well Name: NE LYBROOK COM 270H (fka Chaco)

Horizontal, Original Hole, 10/31/2023 12:49:46 PM



Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Float Shoe	1	7	6.13	23.00	J-55	1.50

SURFACE CASING, 422.9ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
SURFACE CASING	9 5/8	36.00	J-55	14.0	422.9		8.92

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	12	9 5/8	8.92	36.00	J-55	374.35
Float Collar	1	9 5/8	8.75			0.90
Casing Joints	1	9 5/8	8.92	36.00	J-55	32.25
Float Shoe	1	9 5/8	8.75			1.42

Cement

SURFACE CASING, Casing, 10/3/2014 18:15

Description	String	Cementing Start Date	Cementing End Date
SURFACE CASING	SURFACE CASING, 422.9ftKB	10/3/2014 18:15	10/3/2014 18:45

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	422.9	

INTERMEDIATE CASING, Casing, 11/14/2014 00:00

Description	String	Cementing Start Date	Cementing End Date
INTERMEDIATE CASING	INTERMEDIATE CASING, 6,157.5ftKB	11/14/2014 00:00	11/14/2014 03:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	6,157.5	

PRODUCTION LINER #1, Casing, 11/20/2014 09:00

Description	String	Cementing Start Date	Cementing End Date
PRODUCTION LINER #1	PRODUCTION LINER #1, 12,190.0ftKB	11/20/2014 09:00	11/20/2014 12:30

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	6,015.7	12,190.0	

Wellbores

Original Hole

Wellbore Name	Parent Wellbore
Original Hole	Original Hole

Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
SURFACE	12 1/4	14.0	427.0
INTERMEDIATE	8 3/4	427.0	6,170.0
PRODUCTION	6 1/8	6,170.0	12,195.0

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/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 284259

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 284259
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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