

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. **NMSF078362**

6. If Indian, Allottee or Tribe Name

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 **1050 17TH STREET SUITE 2500, DENVER, CO** 3b. Phone No. (include area code)
(303) 573-12224. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 6/T23N/R6W/NMP7. If Unit of CA/Agreement, Name and/or No.
NMNM1328298. Well Name and No. **NE LYBROOK COM/239H**9. API Well No. **3003931204**10. Field and Pool or Exploratory Area
CHACO UNIT NE HZ/CHACO UNIT NE HZ11. 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				
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
	☐ 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 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 completed a workover on the subject well to repair the rod pump completion. An updated schematic is attached.

Job Start: 02/10/2022

Job End: 02/12/2022

EOT: 5,831 MD

SN: 5,681 MD

TAC: 5,089 MD

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

03/14/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title **Petroleum Engineer**

Date **03/15/2022**

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: NWSW / 1704 FSL / 517 FWL / TWSP: 23N / RANGE: 6W / SECTION: 6 / LAT: 36.25117 / LONG: -107.51743 (TVD: 0 feet, MD: 0 feet)

PPP: SENE / 2547 FNL / 380 FEL / TWSP: 23N / RANGE: 7W / SECTION: 1 / LAT: 36.25369 / LONG: -107.52053 (TVD: 0 feet, MD: 0 feet)

BHL: SWNW / 2586 FNL / 230 FWL / TWSP: 23N / RANGE: 7W / SECTION: 1 / LAT: 36.25415 / LONG: -107.5358 (TVD: 0 feet, MD: 0 feet)

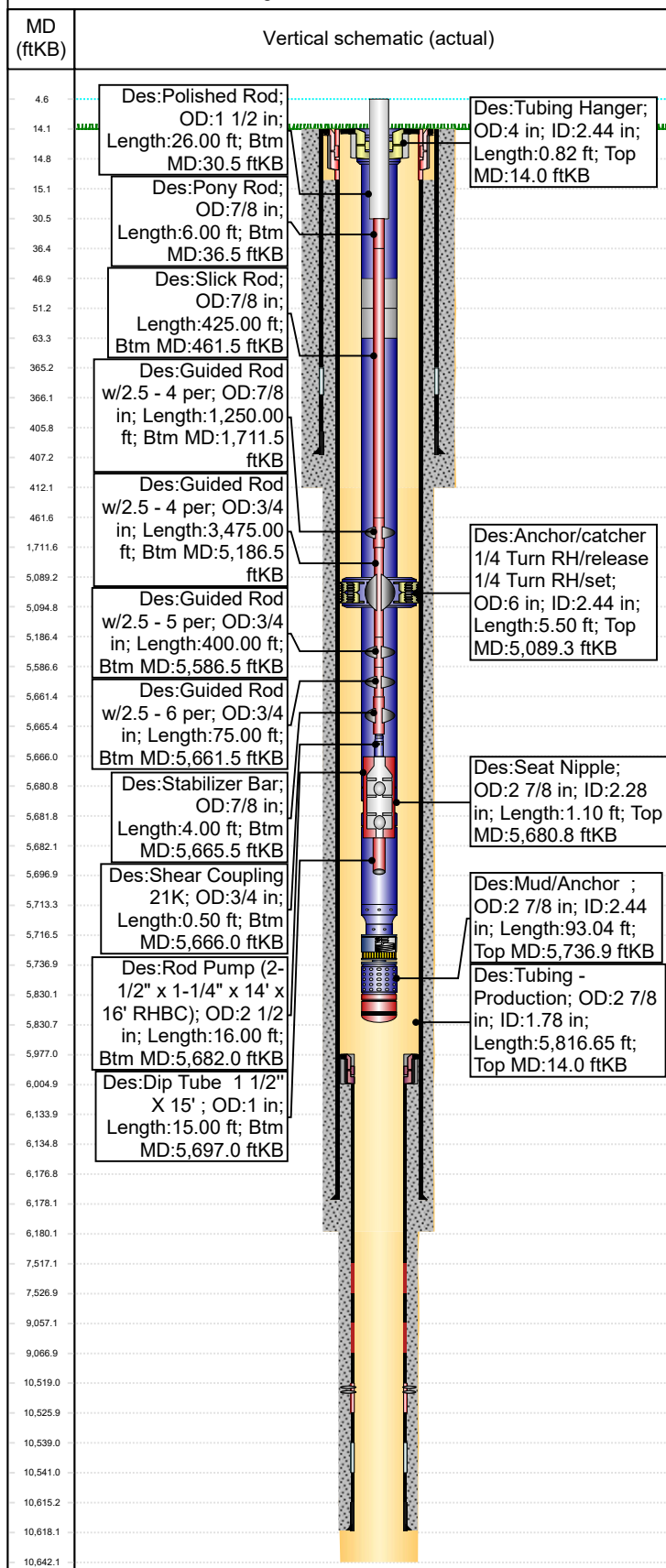
WellView®**Enduring Resources IV - Production WBD**

LYBROOK
Well Name: NE CHACO COM 239H

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

API/UWI 30-039-31204	Surface Legal Location NW/4, SW/4, Section 6 (Unit L), Twp 23N...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,952.01	KB-Tubing Head Distance (ft)	Spud Date 12/11/2013 08:00	Rig Release Date 6/3/2014 18:00	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 5,523.4

Horizontal, Original Hole, 3/11/2022 5:48:19 AM

**Wellbore Sections**

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
Surface Hole	12 1/4	14.0	14.0	412.0	412.0
Intermediate Hole	8 3/4	412.0	412.0	6,180.0	5,624.9
Production Hole	6 1/8	6,180.0	5,624.9	10,642.0	5,523.4

Rod Strings

Rod Description	Run Date	String Length (ft)		Set Depth (ftKB)	
Rod	2/11/2022	5,692.50		5,697.0	
Item Des	Jts	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Polished Rod	1	1 1/2	26.00	4.5	30.5
Pony Rod	1	7/8	6.00	30.5	36.5
Slick Rod	17	7/8	425.00	36.5	461.5
Guided Rod w/2.5 - 4 per	50	7/8	1,250.00	461.5	1,711.5
Guided Rod w/2.5 - 4 per	139	3/4	3,475.00	1,711.5	5,186.5
Guided Rod w/2.5 - 5 per	16	3/4	400.00	5,186.5	5,586.5
Guided Rod w/2.5 - 6 per	3	3/4	75.00	5,586.5	5,661.5
Stabilizer Bar	1	7/8	4.00	5,661.5	5,665.5
Shear Coupling 21K	1	3/4	0.50	5,665.5	5,666.0
Rod Pump (2-1/2" x 1-1/4" x 14' x 16' RHBC)	1	2 1/2	16.00	5,666.0	5,682.0
Dip Tube 1 1/2" X 15'	1	1	15.00	5,682.0	5,697.0

Tubing - Production set at 5,830.7ftKB on 12/28/2018 08:30

Tubing Description		Run Date		String Length (ft)			Set Depth (ftKB)	
Tubing - Production		12/28/2018		5,816.65			5,830.7	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1	L-80		4	2.44	0.82	14.0	14.8
Tubing	1	L-80	6.50	2 7/8	2.44	32.15	14.8	47.0
Tubing Pup Jt	1	L-80	6.50	2 7/8	2.44	4.16	47.0	51.1
Tubing Pup Jt	1	L-80	6.50	2 7/8	2.44	12.02	51.1	63.2
Tubing	163	L-80	6.50	2 7/8	2.44	5,026.17	63.2	5,089.3
Anchor/catcher 1/4 Turn RH/release 1/4 Turn RH/set	1			6	2.44	5.50	5,089.3	5,094.8
Tubing	19	L-80	6.50	2 7/8	2.44	585.94	5,094.8	5,680.8
Seat Nipple	1	L-80		2 7/8	2.28	1.10	5,680.8	5,681.9
Tubing	1	L-80	6.50	2 7/8	2.44	31.40	5,681.9	5,713.3
Cross Over	1	L-80	5.95	2 7/8	1.87	3.40	5,713.3	5,716.7
Gas & Sand Separator HYBRID	1			2 7/8	1.78	20.25	5,716.7	5,736.9
Mud/Anchor	3	L-80	6.50	2 7/8	2.44	93.04	5,736.9	5,830.0
Bull Plug With 2 7/8" collar.	1			2 7/8		0.70	5,830.0	5,830.7

Surface Casing, 407.0ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection	Top (ftKB) 14.0	Set Depth (ftKB) 407.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			1	351.00	14.0	365.0
Float Collar			1	1.00	365.0	366.0
Float Joint			1	40.00	366.0	406.0
Float Shoe			1	1.00	406.0	407.0

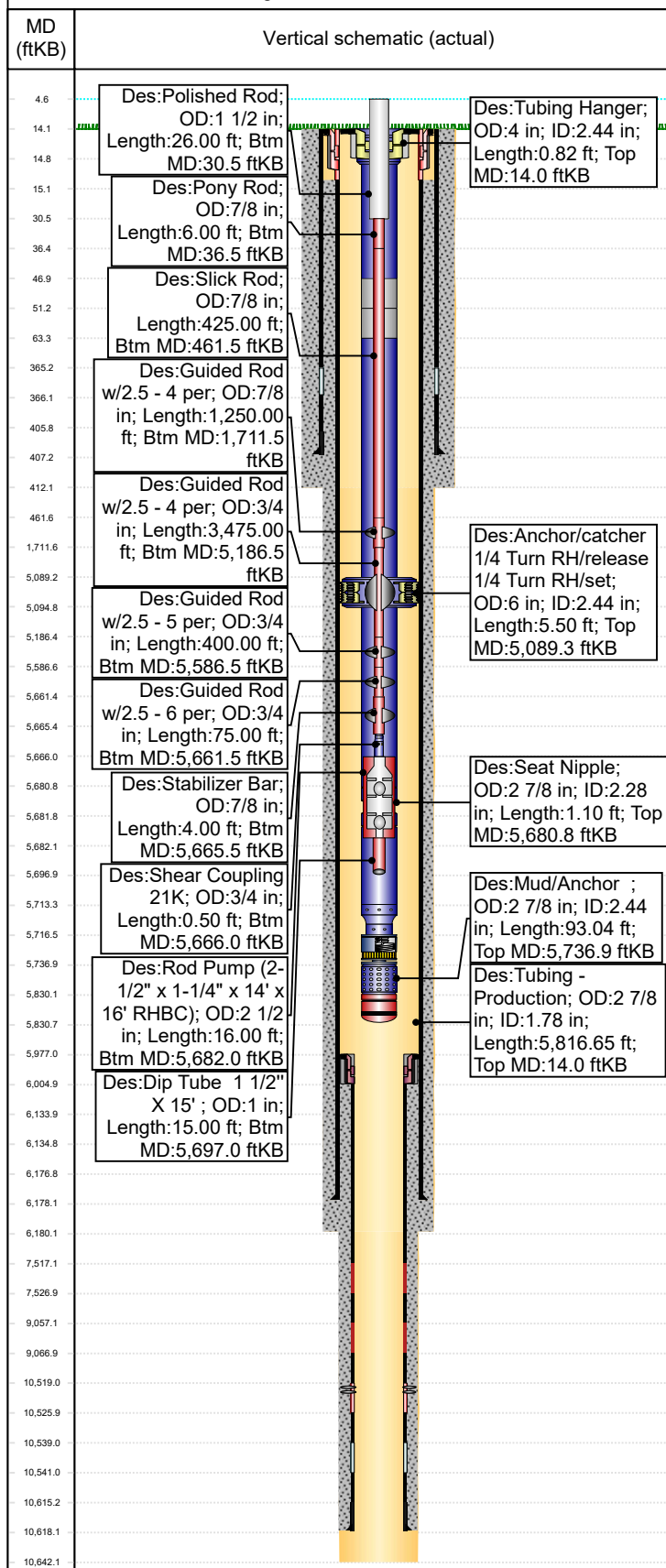
Intermediate Casing, 6,178.0ftKB

OD (in) 7	Wt/Len (lb/ft) 23.00	String Grade J-55	Top Connection	Top (ftKB) 14.0	Set Depth (ftKB) 6,178.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Hanger				1.00	14.0	15.0
Casing Joints			151	6,119.01	15.0	6,134.0
Casing - Float Collar				1.00	6,134.0	6,135.0
Casing Joint			1	42.00	6,135.0	6,177.0
Casing - Float shoe				1.00	6,177.0	6,178.0

WellView®**Enduring Resources IV - Production WBD****Well Name: NE CHACO COM 239H****NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.**

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Horizontal, Original Hole, 3/11/2022 5:48:20 AM

Production Liner, 10,618.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)	
4 1/2	12.00	N-80		5,977.0	10,618.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing - LINER HANGER			1	28.00	5,977.0	6,005.0
Casing - CSG JT			1	1,512.00	6,005.0	7,517.0
Casing - MARKER JT			1	10.00	7,517.0	7,527.0
Casing - CSG JTS			1	1,530.00	7,527.0	9,057.0
Casing - MARKER JT			1	10.00	9,057.0	9,067.0
Casing - CSG JTS			1	1,452.00	9,067.0	10,519.0
Casing - RSI's			1	7.00	10,519.0	10,526.0
Casing - Pup jt			1	13.00	10,526.0	10,539.0
Casing - Landing collar			1	2.00	10,539.0	10,541.0
Casing - Shoe jts			2	74.00	10,541.0	10,615.0
Casing - Float shoe			1	3.00	10,615.0	10,618.0

Cement

Description Surface Casing Cement	Cementing Start Date 12/11/2013	Cementing End Date 12/11/2013
Comment		
Description Intermediate Casing Cement	Cementing Start Date 1/25/2014	Cementing End Date 1/25/2014
Comment 10 bbl FW ahead, 40 bbl chem wash, 10 bbl fw, Lead foamed cmt as follows, 575 sks, 828 cu ft, 147 bbls, 50/50 poz premium. 0.2% veraset, 0.15% halad poz premium, 0.2% veraset, 0.15% halad 766, 1.5% chem-foamer 760. Tail cmt 100 sks, 129 cu ft, 23 bbls, 50/50. Drop top plug & displace 7" csg w/ 241 bbls drlg mud @ 8.9 ppg, P.D. @ 13:38 hrs 01/24/2014. Bump plug to 1267#. Circ out 20 bbls foamed cmt to surface. Pump cap		
Description Production Casing Cement	Cementing Start Date 2/1/2014	Cementing End Date 2/2/2014
Comment		

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 92451

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 92451
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	Accepted for Record	4/6/2022