

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 8/T23N/R6W/NMP7. If Unit of CA/Agreement, Name and/or No.
NMNM1328298. Well Name and No. **NE LYBROOK COM/199H**9. API Well No. **3003931247**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 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 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 recompleation 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 gas lift completion. An updated schematic is attached.

Job Start: 02/08/2022

Job End: 02/11/2022

EOT: 5,969 MD

PACKER: 5,767 MD

GLVs: 5723 MD

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

Signature

Date

03/14/2022**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

KENNETH G RENNICK / Ph: (505) 564-7742 / AcceptedTitle **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 / 1436 FSL / 231 FWL / TWSP: 23N / RANGE: 6W / SECTION: 8 / LAT: 36.236149 / LONG: -107.500617 (TVD: 0 feet, MD: 0 feet)

PPP: NESE / 2149 FSL / 116 FEL / TWSP: 23N / RANGE: 6W / SECTION: 7 / LAT: 36.23787 / LONG: -107.501389 (TVD: 0 feet, MD: 0 feet)

BHL: SWNW / 2452 FNL / 245 FWL / TWSP: 23N / RANGE: 6W / SECTION: 7 / LAT: 36.239762 / LONG: -107.518104 (TVD: 0 feet, MD: 0 feet)

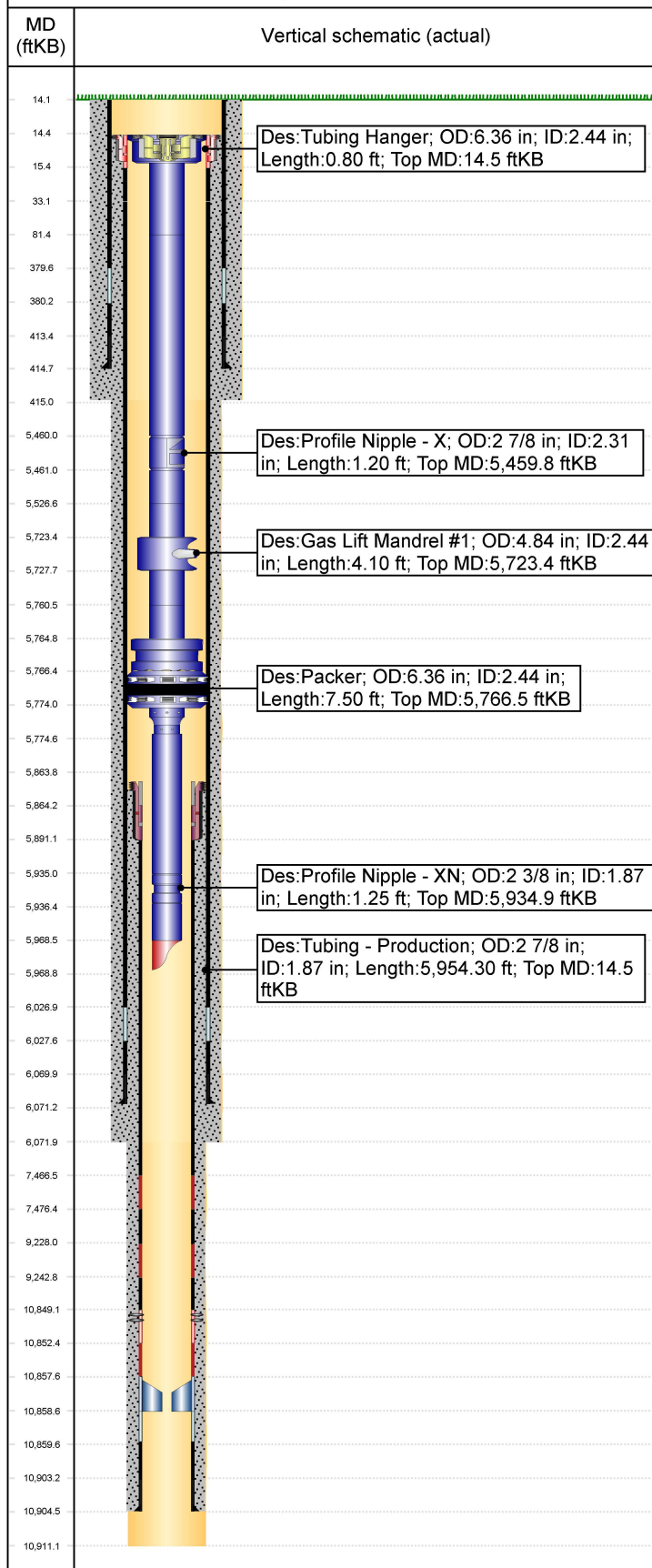
WellView**Enduring Resources IV - Production WBD**

Well Name: NE **CHACO** COM 199H

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

API/UWI 30-039-31247	Surface Legal Location (Unit L) NE/4, SE/4, Section 08, Twp 23N...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type HORIZONTAL
Original KB Elevation (ft) 6,860.01	KB-Tubing Head Distance (ft)	Spud Date 9/5/2014 07:45	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

HORIZONTAL, Original Hole, 3/11/2022 5:24:20 AM

**Wellbore Sections**

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
SURFACE	12 1/4	14.0	14.0	415.0	415.0
INTERMEDIATE	8 3/4	415.0	415.0	6,072.0	5,511.4
PRODUCTION	6 1/8	6,072.0	5,511.4	10,911.0	

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 5,968.8ftKB on 2/9/2022 16:00

Tubing Description		Run Date			String Length (ft)		Set Depth (ftKB)	
Tubing - Production		2/9/2022			5,954.30		5,968.8	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger				6.36	2.44	0.80	14.5	15.3
Tubing - YB - NEW	2	J-55	6.50	2 7/8	2.44	65.93	15.3	81.2
Tubing - YB	165	J-55	6.50	2 7/8	2.44	5,378.58	81.2	5,459.8
Profile Nipple - X	1			2 7/8	2.31	1.20	5,459.8	5,461.0
Tubing - YB	2	J-55	6.50	2 7/8	2.44	65.49	5,461.0	5,526.5
Tubing - YB - NEW	6	J-55	6.50	2 7/8	2.44	196.94	5,526.5	5,723.4
Gas Lift Mandrel #1	1			4.835	2.44	4.10	5,723.4	5,727.5
Tubing - YB - NEW	1	J-55	6.50	2 7/8	2.44	32.94	5,727.5	5,760.5
Tubing - Pup Joint	1	J-55	6.50	2 7/8	2.44	4.20	5,760.5	5,764.7
On-Off Tool w/F profile stinger	1			5 3/4	2.25	1.82	5,764.7	5,766.5
Packer	1			6.36	2.44	7.50	5,766.5	5,774.0
Cross Over	1			2 7/8	2.00	0.50	5,774.0	5,774.5
Tubing	5	J-55	4.70	2 3/8	2.00	160.45	5,774.5	5,935.0
Profile Nipple - XN	1			2 3/8	1.87	1.25	5,935.0	5,936.2
Tubing	1	J-55	4.70	2 3/8	2.00	32.20	5,936.2	5,968.4
Mule Shoe Guide				2 3/8	2.00	0.40	5,968.4	5,968.8

SURFACE CASING, 414.7ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection 8RD	Top (ftKB) 14.0	Set Depth (ftKB) 414.7	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			12	365.50	14.0	379.5
Float Collar				0.90	379.5	380.4
Casing Joints			1	32.88	380.4	413.3
Casing Shoe				1.42	413.3	414.7

INTERMEDIATE CASING, 6,071.1ftKB

OD (in) 7	Wt/Len (lb/ft) 23.00	String Grade J-55	Top Connection 8RD	Top (ftKB) 14.5	Set Depth (ftKB) 6,071.1	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Hanger				1.00	14.5	15.5
LANDING JOINT			1	17.80	15.5	33.3
CASING			143	5,993.44	33.3	6,026.7
CASING FLOAT COLLAR				0.90	6,026.7	6,027.6
CASING			1	42.19	6,027.6	6,069.8
CASING FLOAT SHOE				1.24	6,069.8	6,071.1

LINER HANGER, 10,904.5ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
4 1/2	11.60	N-80	8RD	5,863.9	10,904.5
Item Des			Jts	Len (ft)	Top (ftKB)
Liner Hanger				27.18	5,863.9
					5,891.1

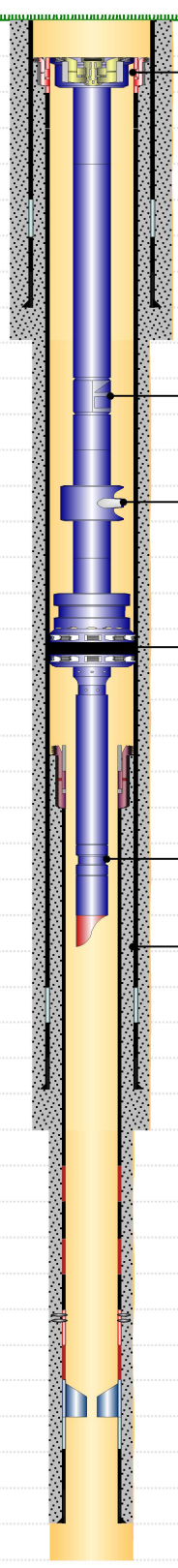
WellView®**Enduring Resources IV - Production WBD**

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HORIZONTAL, Original Hole, 3/11/2022 5:24:23 AM

HORIZONTAL, Original Hole, 3/11/2022 5:24:23 AM						
MD (ftKB)	Vertical schematic (actual)					
14.1						
14.4						
15.4	Des:Tubing Hanger; OD:6.36 in; ID:2.44 in; Length:0.80 ft; Top MD:14.5 ftKB					
33.1						
81.4						
379.6						
380.2						
413.4						
414.7						
415.0	Des:Profile Nipple - X; OD:2 7/8 in; ID:2.31 in; Length:1.20 ft; Top MD:5,459.8 ftKB					
5,460.0						
5,461.0						
5,526.6						
5,723.4						
5,727.7	Des:Gas Lift Mandrel #1; OD:4.84 in; ID:2.44 in; Length:4.10 ft; Top MD:5,723.4 ftKB					
5,760.5						
5,764.8						
5,766.4						
5,774.0						
5,774.6	Des:Packer; OD:6.36 in; ID:2.44 in; Length:7.50 ft; Top MD:5,766.5 ftKB					
5,863.8						
5,864.2						
5,891.1						
5,935.0						
5,936.4	Des:Profile Nipple - XN; OD:2 3/8 in; ID:1.87 in; Length:1.25 ft; Top MD:5,934.9 ftKB					
5,968.5						
5,968.8						
6,026.9						
6,027.6						
6,069.9						
6,071.2						
6,071.9						
7,466.5						
7,476.4						
9,228.0						
9,242.8						
10,849.1						
10,852.4						
10,857.6						
10,858.6						
10,859.6						
10,903.2						
10,904.5						
10,911.1						

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	36	1,575.34	5,891.1	7,466.5
Marker Joint	1	10.06	7,466.5	7,476.5
Casing Joints	40	1,751.53	7,476.5	9,228.0
Marker Joint	1	14.63	9,228.0	9,242.7
Casing Joints	37	1,606.42	9,242.7	10,849.1
Rapid Frac Sleeve		3.36	10,849.1	10,852.5
Marker Joint	1	5.04	10,852.5	10,857.5
Landing Collar		1.09	10,857.5	10,858.6
Casing Float Collar		0.88	10,858.6	10,859.5
Casing Joints	1	43.78	10,859.5	10,903.3
Casing Float Shoe		1.24	10,903.3	10,904.5
Cement				
Description SURFACE CASING CEMENT	Cementing Start Date 9/6/2014		Cementing End Date 9/6/2014	
Comment 245 sx cement				
Description INTERMEDIATE CASING CEMENT	Cementing Start Date 12/16/2014		Cementing End Date 12/16/2014	
Comment 987 sx cement				
Description PRODUCTION LINER CEMENT	Cementing Start Date 12/21/2014		Cementing End Date 12/21/2014	
Comment 415 sx cement				

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 92455

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 92455
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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