

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.	NMNM109398
6. If Indian, Allottee or Tribe Name	

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		8. Well Name and No. LYBROOK 2308-03E/403H
2. Name of Operator ENDURING RESOURCES LLC		9. API Well No. 3004535588
3a. Address 1050 17TH STREET SUITE 2500, DENVER, CO	3b. Phone No. (include area code) (303) 573-1222	10. Field and Pool or Exploratory Area BASIN MANCOS/BASIN MANCOS
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 3/T23N/R8W/NMP		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
☒ 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 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 damage and gas lift re-installation. An updated well schematic is attached.

EOT: 5,876 MD
Packer: None
GLVs: None
Orifice Valve: None End of Tubing
Job Start: 09.21.2022
Job End: 09.23.2022

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 10/17/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by KENNETH G RENNICK / Ph: (505) 564-7742 / Accepted	Title Petroleum Engineer	Date 10/19/2022
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)

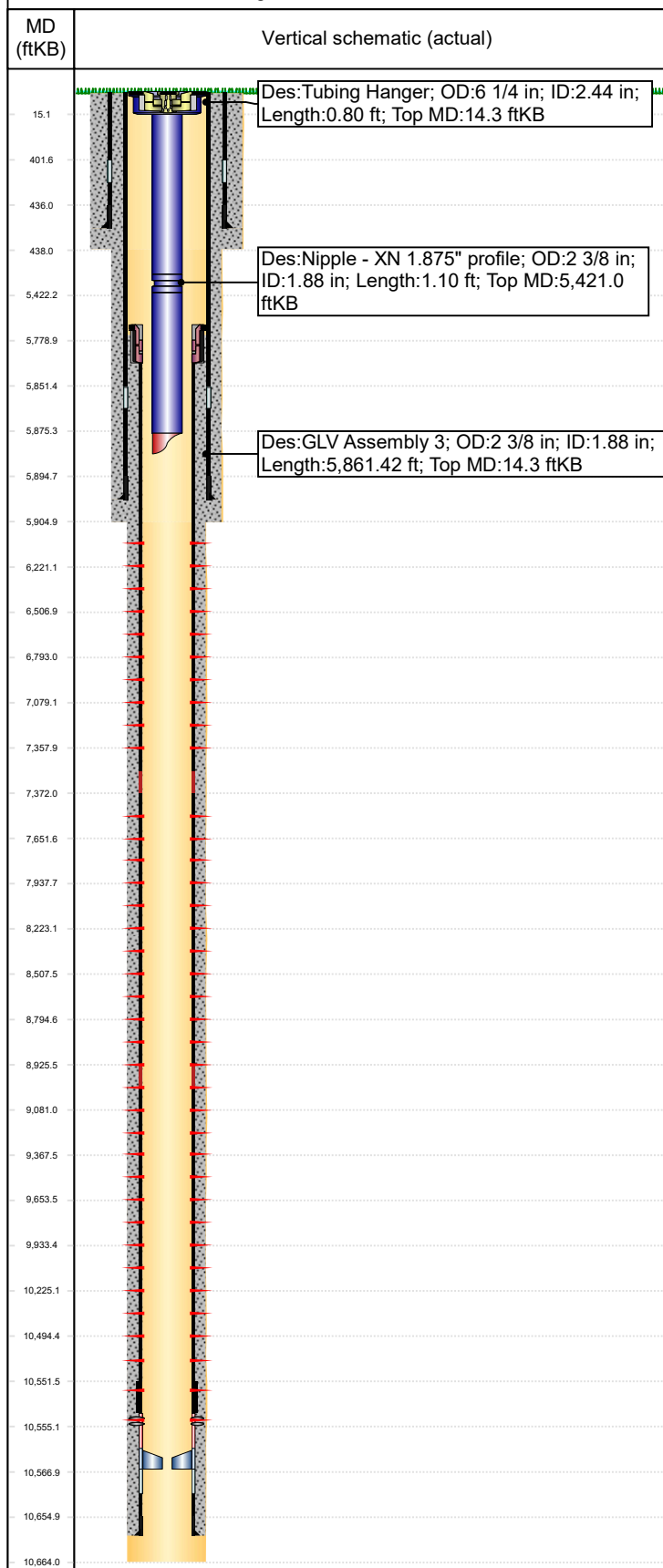


Enduring Resources IV - Production WBD with perfs

Well Name: LYBROOK 2308-03E 403H (FKA CHACO)

API/UWI 30-045-35588	Surface Legal Location (Unit E) SW/4, NW/4, Section 03, Twp 23...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,906.51	KB-Tubing Head Distance (ft)	Spud Date 10/10/2014 01:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Horizontal, Original Hole, 10/11/2022 1:35:29 PM



Wellbore Sections

Section Description	Size (in)	Act Top (ft...)	Act Top (T...	Act Btm (ft...)	Act Btm (T...
SURFACE	12 1/4	14.5	14.5	438.0	438.0
Section Description	Size (in)	Act Top (ft...)	Act Top (T...	Act Btm (ft...)	Act Btm (T...
INTERMEDIATE	8 3/4	438.0	438.0	5,905.0	5,405.9
Section Description	Size (in)	Act Top (ft...)	Act Top (T...	Act Btm (ft...)	Act Btm (T...
PRODUCTION	6 1/8	5,905.0	5,405.9	10,664.0	

Rod Strings

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

GLV Assembly 3 set at 5,875.8ftKB on 9/22/2022 17:30

Tubing Description		Run Date		String Length (ft)			Set Depth (ftKB)	
GLV Assembly 3		9/22/2022		5,861.42			5,875.8	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger				6 1/4	2.44	0.80	14.3	15.1
Tubing	173	J-55	4.70	2 3/8	2.00	5,405.90	15.1	5,421.0
Nipple - XN 1.875" profile	1	J55	4.70	2 3/8	1.88	1.10	5,421.0	5,422.1
Tubing	15	J-55	4.70	2 3/8	2.00	453.22	5,422.1	5,875.4
Mule Shoe Guide Pinned				2 3/8	2.00	0.40	5,875.4	5,875.8

SURFACE CASING, 437.4ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
9 5/8	36.00	J-55	8RD	14.4	437.4
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	12	387.18	14.4	401.6	
Float Collar	1	2.00	401.6	403.6	
Casing Joints	1	32.40	403.6	436.0	
Casing Shoe	1	1.42	436.0	437.4	

LINER TIEBACK, 5,778.6ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
4	13.50	J-55	8RD	14.4	5,778.6
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Liner Tieback String	184	5,717.24	14.4	5,731.6	
External Casing Packer	1	47.00	5,731.6	5,778.6	

INTERMEDIATE CASING, 5,896.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
7	23.00	J-55	8RD	14.4	5,896.0
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Hanger - MANDRELL	1	2.00	14.4	16.4	
Casing - CASING JOINT(S)	140	5,835.06	16.4	5,851.5	
Casing - FLOAT COLLAR	1	1.35	5,851.5	5,852.8	
Casing - SHOE JOINT	1	41.71	5,852.8	5,894.5	
Casing - GUIDE SHOE	1	1.50	5,894.5	5,896.0	

PRODUCTION LINER #1, 10,656.0ftKB

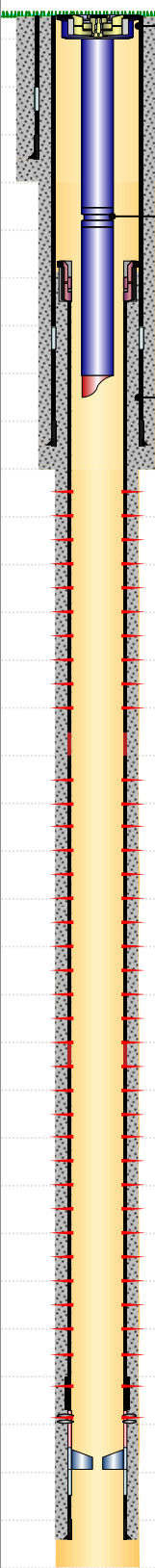
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
4 1/2	11.60	N-80	LT&C	5,778.6	10,656.0
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Liner Hanger	1	27.19	5,778.6	5,805.8	
Casing Joints	37	1,557.01	5,805.8	7,362.8	
Casing Marker Joint	1	9.31	7,362.8	7,372.2	
Casing Joints	41	1,553.25	7,372.2	8,925.4	
Casing Marker Joint	1	17.76	8,925.4	8,943.2	
Casing Joints	41	1,608.40	8,943.2	10,551.6	
Casing Pup Joint	1	3.35	10,551.6	10,554.9	
RSI Sleeve	1	9.79	10,554.9	10,564.7	
Landing Collar	1	2.08	10,564.7	10,566.8	
Float Collar	1	0.90	10,566.8	10,567.7	
Casing	2	87.07	10,567.7	10,654.8	
Casing Shoe,	1	1.25	10,654.8	10,656.0	



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Horizontal, Original Hole, 10/11/2022 1:35:30 PM		Cement					
MD (ftKB)	Vertical schematic (actual)	Description SURFACE CASING CEMENT		Cementing Start Date 10/7/2014		Cementing End Date 10/7/2014	
		Comment					
15.1		Description INTERMEDIATE CASING CEMENT		Cementing Start Date 10/14/2014		Cementing End Date 10/14/2014	
401.6		Comment RUN 7" CSG , 141 JTS OF 23# J-55 LT&C 8rd, SET @ 5,895'-MD { 5,405'-TVD }					
436.0		Description PRODUCTION LINER CEMENT		Cementing Start Date 10/19/2014		Cementing End Date 10/19/2014	
438.0		Comment FULL RETURNS, 20 Bbl FOAMED CMT TO BLOW TANK.					
5,422.2		Perforations					
5,778.9		Date 11/6/2014	Zone Stage 16, Original Hole	Top (ftKB) 5,920.0	Btm (ftKB) 6,221.0	Shot Dens... 4.0	Enter... 24
5,851.4		Date 11/6/2014	Zone Stage 15, Original Hole	Top (ftKB) 6,321.0	Btm (ftKB) 6,507.0	Shot Dens... 4.0	Enter... 24
5,875.3		Date 11/6/2014	Zone Stage 14, Original Hole	Top (ftKB) 6,602.0	Btm (ftKB) 6,793.0	Shot Dens... 4.0	Enter... 24
5,894.7		Date 11/6/2014	Zone Stage 13, Original Hole	Top (ftKB) 6,893.0	Btm (ftKB) 7,079.0	Shot Dens... 4.0	Enter... 24
5,904.9		Date 11/6/2014	Zone Stage 12, Original Hole	Top (ftKB) 7,179.0	Btm (ftKB) 7,358.0	Shot Dens... 4.0	Enter... 24
6,221.1		Date 11/5/2014	Zone Stage 11, Original Hole	Top (ftKB) 7,465.0	Btm (ftKB) 7,651.5	Shot Dens... 4.0	Enter... 24
6,506.9		Date 11/5/2014	Zone Stage 10, Original Hole	Top (ftKB) 7,751.0	Btm (ftKB) 7,937.5	Shot Dens... 4.0	Enter... 24
6,793.0		Date 11/5/2014	Zone Stage 09, Original Hole	Top (ftKB) 8,037.0	Btm (ftKB) 8,223.0	Shot Dens... 4.0	Enter... 24
7,079.1		Date 11/5/2014	Zone Stage 08, Original Hole	Top (ftKB) 8,323.0	Btm (ftKB) 8,507.5	Shot Dens... 4.0	Enter... 24
7,357.9		Date 11/5/2014	Zone Stage 07, Original Hole	Top (ftKB) 8,609.0	Btm (ftKB) 8,794.5	Shot Dens... 4.0	Enter... 24
7,372.0		Date 11/5/2014	Zone Stage 06, Original Hole	Top (ftKB) 8,896.0	Btm (ftKB) 9,081.0	Shot Dens... 4.0	Enter... 24
7,651.6		Date 11/4/2014	Zone Stage 05, Original Hole	Top (ftKB) 9,181.0	Btm (ftKB) 9,367.5	Shot Dens... 4.0	Enter... 24
7,937.7		Date 11/4/2014	Zone Stage 04, Original Hole	Top (ftKB) 9,467.0	Btm (ftKB) 9,653.5	Shot Dens... 4.0	Enter... 24
8,223.1		Date 11/4/2014	Zone Stage 03, Original Hole	Top (ftKB) 9,750.0	Btm (ftKB) 9,933.5	Shot Dens... 4.0	Enter... 24
8,507.5		Date 11/4/2014	Zone Stage 02, Original Hole	Top (ftKB) 10,039.0	Btm (ftKB) 10,225.0	Shot Dens... 4.0	Enter... 24
8,794.6		Date 10/30/2014	Zone Stage 01, Original Hole	Top (ftKB) 10,326.5	Btm (ftKB) 10,494.5	Shot Dens... 4.0	Enter... 24
8,925.5		Date 10/30/2014	Zone Stage 01, Original Hole	Top (ftKB) 10,551.2	Btm (ftKB) 10,555.0	Shot Dens... 0.0	Enter... 0
9,081.0		Other In Hole					
9,367.5		Description		Top (ftKB)	Btm (ftKB)	Run Date	
9,653.5							
9,933.4							
10,225.1							
10,494.4							
10,551.5							
10,555.1							
10,566.9							
10,654.9							
10,664.0							

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 153054

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 153054
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	12/16/2025