

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. **N0G14031948**

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 Other

2. Name of Operator **ENDURING RESOURCES LLC**

3a. Address **1050 17TH STREET SUITE 2500, DENVER, CO** 3b. Phone No. (include area code)
(303) 573-1222

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
SEC 14/T23N/R9W/NMP

7. If Unit of CA/Agreement, Name and/or No.
NMNM135216A

8. Well Name and No. **W LYBROOK UNIT/754H**

9. API Well No. **3004535817**

10. Field and Pool or Exploratory Area
LYBROOK MANCOS W/LYBROOK MANCOS W

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				
<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 completed a workover on the subject well to repair the rod pump completion. An updated schematic is attached.

Job Start: 03/07/2022
Job End: 03/08/2022
EOT: 5,191 MD
Packer: 5,053 MD
GL Mandrels: 5,010 MD, 4,352 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 **04/13/2022**

THE SPACE FOR FEDERAL OR STATE OFFICE USE

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

Title **Petroleum Engineer** Date **04/15/2022**

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)

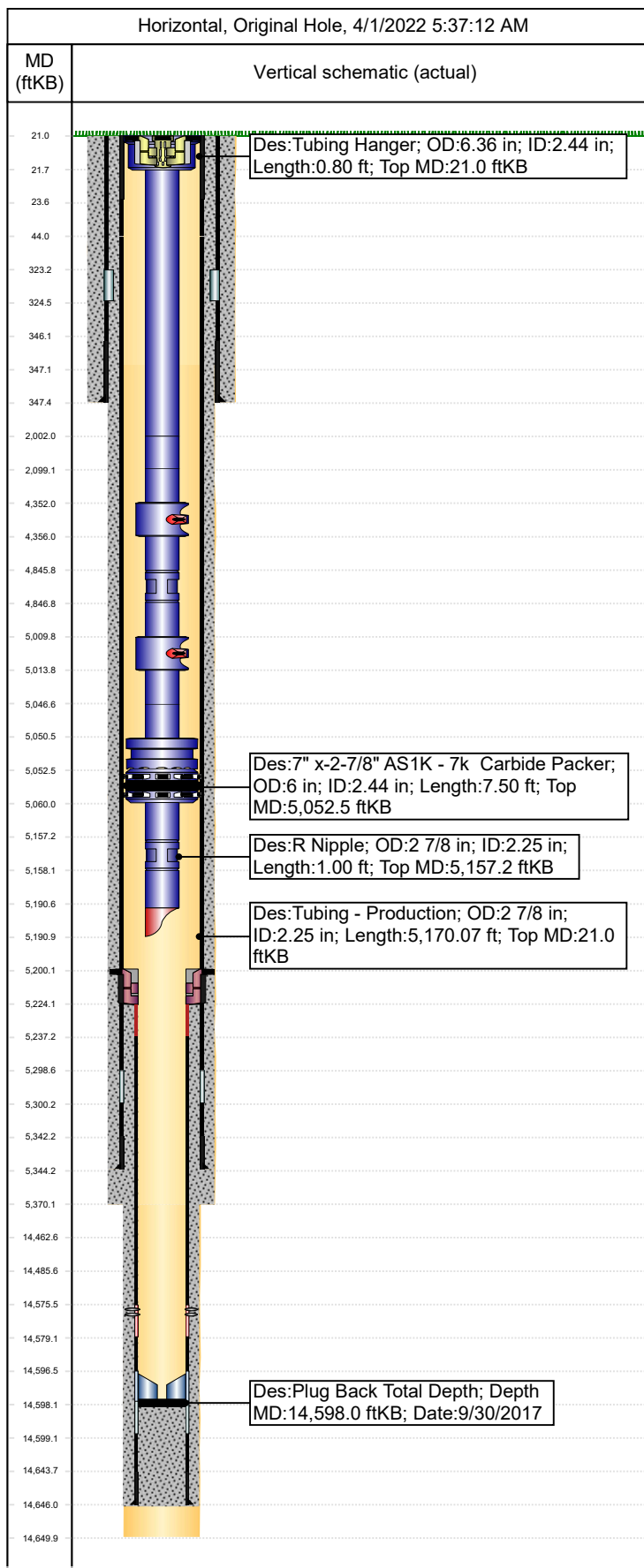


Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 754H

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

API/UWI 30-045-35817	Surface Legal Location NE/4, SE/4, Section 14, Twp 23N, Rng 09...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,740.01	KB-Tubing Head Distance (ft)	Spud Date 4/19/2017 07:00	Rig Release Date	PBD (All) (ftKB) Original Hole - 14,598.0	Total Depth All (TVD) (ftKB) Original Hole - 4,769.5



Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
SURFACE	12 1/4	21.0	21.0	347.5	347.5
INTERMEDIATE	8 3/4	347.0	347.0	5,370.0	4,777.3
PRODUCTION	6 1/8	5,370.0	4,777.3	14,650.0	4,769.5

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 5,191.1ftKB on 3/8/2022 13:00								
Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)					
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing - Production	3/8/2022					5,170.07	5,191.1	

Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1	L-80	1.00	6.36	2.44	0.80	21.0	21.8
Tubing - YB	61	L-80	6.50	2 7/8	2.44	1,980.07	21.8	2,001.9
Tubing - BB	3	L-80	6.50	2 7/8	2.44	97.31	2,001.9	2,099.2
Tubing - NEW	69	L-80	6.50	2 7/8	2.44	2,252.77	2,099.2	4,352.0
Gas Lift Valve #2	1	L-80	6.50	4.335	2.44	4.10	4,352.0	4,356.1
Tubing - NEW	15	L-80	6.50	2 7/8	2.44	489.59	4,356.1	4,845.6
X Profile Nipple	1	L-80	6.50	2 7/8	2.31	1.20	4,845.6	4,846.8
Tubing - NEW	5	L-80	6.50	2 7/8	2.44	162.91	4,846.8	5,009.8
Gas Lift Valve #1	1	L-80	6.50	4.335	2.44	4.10	5,009.8	5,013.9
Tubing - NEW	1	L-80	6.50	2 7/8	2.44	32.58	5,013.9	5,046.4
Tubing - Pup	1	L-80	6.50	2 7/8	2.44	4.20	5,046.4	5,050.6
On-Off Tool	1	L-80	6.50	5 7/8	2.44	1.82	5,050.6	5,052.5
7" x-2-7/8" AS1K - 7k Carbide Packer	1	L-80	6.50	6	2.44	7.50	5,052.5	5,060.0
Tubing - BB	3	L-80	6.50	2 7/8	2.44	97.29	5,060.0	5,157.2
R Nipple	1	L-80	6.50	2 7/8	2.25	1.00	5,157.2	5,158.2
Tubing - BB	1	L-80	6.50	2 7/8	2.44	32.43	5,158.2	5,190.7
Mule Shoe	1	L-80	6.50	2 7/8	2.44	0.40	5,190.7	5,191.1

SURFACE CASING, 347.5ftKB						
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)	
9 5/8	36.00	J-55	ST&C	21.0	347.5	
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)		
Casing - Casing, Casing, in, 36.00 ppf, J-55, ,	14	302.22	21.0	323.2		
Float Collar - Float Collar, Float Collar, in, 36.00 ppf, J-55, ,	1	1.22	323.2	324.4		
Casing - Casing, Casing, in, 36.00 ppf, J-55, ,	1	21.83	324.4	346.3		
Casing Shoe - Casing Shoe, Casing Shoe, in, 36.00 ppf, , ,	1	1.20	346.3	347.5		

INTERMEDIATE CASING, 5,344.1ftKB						
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)	
7	23.00	J-55	LT&C	21.0	5,344.1	
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)		
Landing Collar - LANDING JOINT	1	2.50	21.0	23.5		
Casing Joints - Pup Joint	1	20.47	23.5	44.0		
Casing Joints	127	5,254.58	44.0	5,298.6		
Float Collar	1	1.60	5,298.6	5,300.2		
Casing Joints	1	41.99	5,300.2	5,342.1		
Casing Joints	1	2.00	5,342.1	5,344.1		

PRODUCTION LINER #1, 14,646.1ftKB						
OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)	
4 1/2	11.60	P-110	LT&C	5,200.0	14,646.1	



Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 754H

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

API/UWI 30-045-35817	Surface Legal Location NE/4, SE/4, Section 14, Twp 23N, Rng 09...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,740.01	KB-Tubing Head Distance (ft)	Spud Date 4/19/2017 07:00	Rig Release Date	PBDT (All) (ftKB) Original Hole - 14,598.0	Total Depth All (TVD) (ftKB) Original Hole - 4,769.5

Horizontal, Original Hole, 4/1/2022 5:37:13 AM		Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
MD (ftKB)	Vertical schematic (actual)	Liner Hanger	1	23.99	5,200.0	5,224.0
		Liner Pup Joint	1	13.36	5,224.0	5,237.4
		Casing Joints	207	9,225.17	5,237.4	14,462.5
		Marker Joint - MARKER JOINT	1	23.19	14,462.5	14,485.7
		Casing Joints	2	89.72	14,485.7	14,575.4
		Rapid Frac Sleeve	1	3.75	14,575.4	14,579.2
		Pup Joint - PUP JOINT	1	17.21	14,579.2	14,596.4
		Landing Collar - LANDING COLLAR	1	1.60	14,596.4	14,598.0
		Float Collar - CASING FLOAT COLLAR	1	0.95	14,598.0	14,598.9
		Casing - SHOE JOINT	1	44.87	14,598.9	14,643.8
		Casing Shoe - CASING FLOAT SHOE	1	2.24	14,643.8	14,646.1
		Cement				
		Description Surface Casing Cement	Cementing Start Date 4/19/2017	Cementing End Date 4/19/2017		
		Comment				
		Description Intermediate Casing Cement	Cementing Start Date 8/30/2017	Cementing End Date 8/30/2017		
		Comment				
		~ Rig Offline - Cement with Halliburton { 70% excess on 8 7/8 Total Hole Figured, added to Lead Volume } 5,200 Psi Test on Lines Fresh Water Spacer @ 8.3# {10 Bbls }, followed by Tuned Spacer @ 11.5# {30 Bbls }, followed by Lead Cement @ 12.3# { 415 sks/141 Bbls HALCEM ® } followed by Tail Cement @ 13.5# { 500 sks/117 Bbls of VARICEM ® } Displace W/ Fresh H2o Totaling 209 Bbls Landed Plug 1.5 Bbl Back on Bleed off / Floats Held 80 bbls good cement back to surface. Plug Down 08/30/2017 04:58				
		Description Production Casing Cement	Cementing Start Date 9/30/2017	Cementing End Date 9/30/2017		
		Comment				
		Cement 4.5" Casing Liner with 55% excess figured (Halliburton Services) 5,000 Psi Test on Lines Flush Water @ 8.3# {10 BBLs }, followed by Tuned Spacer @ 11.5# {20 BBLs }, followed by Primary Cement @ 13.3# { 247 Bbls/1010 sks ExtendaCem ® } followed by Displacement Totaling 196 Bbls { 40 Bbls MMCR, 137 Bbls of 2% KCL, 19 H2O } Land Plug 1140 PSI & Bump up to 2170 PSI & Hold 5 min Floats Held got 1.5 Bbl Back on Bleed off Plug Down 9/30/2017 09:15 hrs 55 bbls. cement to surface				

Des:Tubing Hanger; OD:6.36 in; ID:2.44 in; Length:0.80 ft; Top MD:21.0 ftKB

Des:7" x-2-7/8" AS1K - 7k Carbide Packer; OD:6 in; ID:2.44 in; Length:7.50 ft; Top MD:5,052.5 ftKB

Des:R Nipple; OD:2 7/8 in; ID:2.25 in; Length:1.00 ft; Top MD:5,157.2 ftKB

Des:Tubing - Production; OD:2 7/8 in; ID:2.25 in; Length:5,170.07 ft; Top MD:21.0 ftKB

Des:Plug Back Total Depth; Depth MD:14,598.0 ftKB; Date:9/30/2017

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

COMMENTS

Action 104688

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 104688
	Action Type: [C-103] Sub. Workover (C-103R)

COMMENTS

Created By	Comment	Comment Date
jagarcia	Accepted, John Garcia, Petroleum Engineer	11/7/2022

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 104688

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 104688
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	11/7/2022