

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. **N0G14031944**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 ☐ 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 12/T23N/R9W/1PM7. If Unit of CA/Agreement, Name and/or No.
NMNM135216A, NMNM135216X8. Well Name and No. **W LYBROOK UNIT/748H**9. API Well No. **3004535743**10. Field and Pool or Exploratory Area
Wildcat11. 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 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 gas lift completion. An updated schematic is attached.

Job Start: 02/03/2022

Job End: 02/05/2022

EOT: 5,526 MD

PACKER: 5,292 MD

GLVs: 4392 MD, 5250 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: SESE / 844 FSL / 442 FEL / TWSP: 23N / RANGE: 9W / SECTION: 12 / LAT: 36.236547 / LONG: -107.733139 (TVD: 4862 feet, MD: 13488 feet)

PPP: SESE / 770 FSL / 512 FEL / TWSP: 23N / RANGE: 9W / SECTION: 12 / LAT: 36.236343 / LONG: -107.733358 (TVD: 4896 feet, MD: 4964 feet)

BHL: SWSW / 330 FSL / 105 FWL / TWSP: 23N / RANGE: 8W / SECTION: 17 / LAT: 36.220597 / LONG: -107.713813 (TVD: 4896 feet, MD: 5360 feet)

CONFIDENTIAL



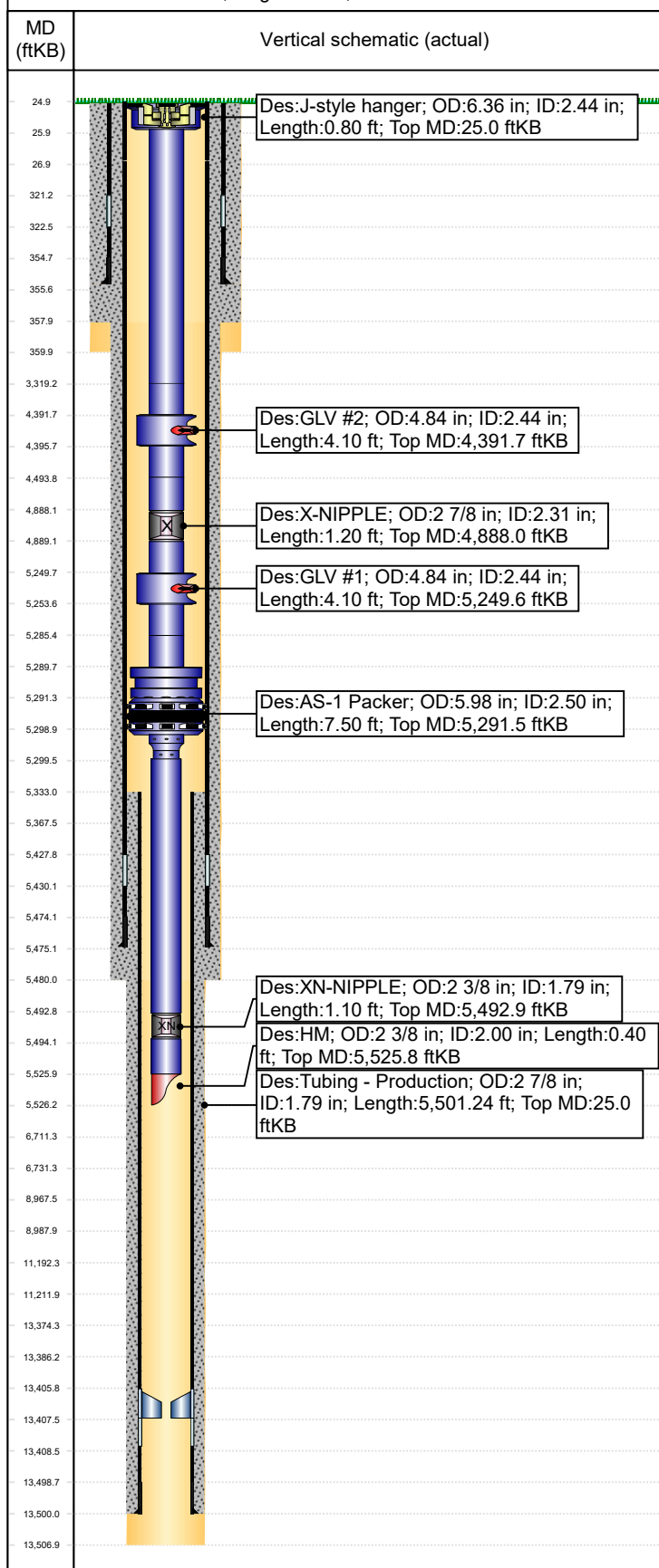
Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 748H

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

API/UWI 30-045-35743	Surface Legal Location (Unit P) SE/4, SE/4, Section 12, Twp 23N...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,758.01	KB-Tubing Head Distance (ft)	Spud Date 3/17/2016 02:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,915.8

Horizontal, Original Hole, 3/10/2022 3:19:13 PM



Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
SURFACE	12 1/4	25.0	25.0	360.0	360.0
INTERMEDIATE	8 3/4	358.0	358.0	5,480.0	4,921.5
PRODUCTION	6 1/8	5,480.0	4,921.5	13,507.0	4,915.8

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 5,526.2ftKB on 2/4/2022 16:30

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing - Production	2/4/2022	5,501.24	5,526.2
Item Des	Jts	Grade	Wt (lb/ft)
J-style hanger	1		6.36
Tubing - BB	101	J-55	6.50
Tubing - YB	33	J-55	6.50
GLV #2	1	L80	4.835
Tubing - YB	3	J-55	6.50
Tubing YB - new	12	J-55	6.50
X-NIPPLE	1		2 7/8
Tubing - YB - new	11	J-55	6.50
GLV #1	1	L80	4.835
Tubing - YB - new	1	J-55	6.50
Tubing - pup	1	L-80	6.50
On-Off Tool	1		5.85
AS-1 Packer	1		5.98
Cross Over	1		2 7/8
Tubing - YB	6	J-55	4.70
XN-NIPPLE	1		2 3/8
Tubing - YB	1	J-55	4.70
HM	1		2 3/8

SURFACE CASING, 355.5ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)	
9 5/8	36.00	J-55	ST&C	25.0	355.5	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			10	296.09	25.0	321.1
Casing Float Collar - CASING FLOAT COLLAR			1	1.48	321.1	322.5
Casing Joints			1	31.96	322.5	354.5
Casing Float Shoe - CASING FLOAT SHOE			1	1.00	354.5	355.5

INTERMEDIATE CASING, 5,475.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
7	23.00	J-55	LT&C	24.8	5,475.0
Item Des		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Liner Hanger - LANDING MANDREL		1	2.00	24.8	26.8
Casing Joints		124	5,400.88	26.8	5,427.7
Float Collar - CASING FLOAT COLLAR		1	2.50	5,427.7	5,430.2
Casing Joints		1	43.81	5,430.2	5,474.0
Casing Shoe - CASING GUIDE SHOE		1	1.00	5,474.0	5,475.0

PRODUCTION LINER #1, 13,500.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
4 1/2	11.60	P-110	LT&C	5,333.1	13,500.0
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Liner Hanger - LINER HANGER	1	34.33	5,333.1	5,367.4	
Casing - CASING	30	1,343.83	5,367.4	6,711.2	
Marker Joint - MARKER JOINT	1	20.15	6,711.2	6,731.4	



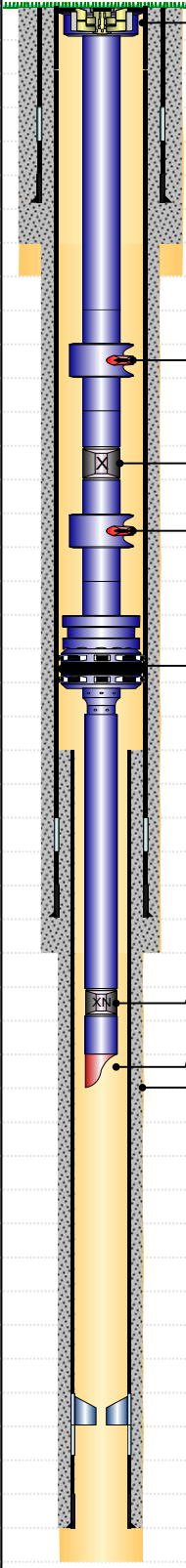
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Horizontal, Original Hole, 3/10/2022 3:19:14 PM

Horizontal, Original Hole, 3/10/2022 3:19:14 PM						
MD (ftKB)	Vertical schematic (actual)					
24.9						
25.9						
26.9						
321.2						
322.5						
354.7						
355.6						
357.9						
359.9						
3,319.2						
4,391.7	Des:J-style hanger; OD:6.36 in; ID:2.44 in; Length:0.80 ft; Top MD:25.0 ftKB					
4,395.7	Des:GLV #2; OD:4.84 in; ID:2.44 in; Length:4.10 ft; Top MD:4,391.7 ftKB					
4,493.8						
4,888.1	Des:X-NIPPLE; OD:2 7/8 in; ID:2.31 in; Length:1.20 ft; Top MD:4,888.0 ftKB					
4,889.1						
5,249.7	Des:GLV #1; OD:4.84 in; ID:2.44 in; Length:4.10 ft; Top MD:5,249.6 ftKB					
5,253.6						
5,285.4						
5,289.7						
5,291.3	Des:AS-1 Packer; OD:5.98 in; ID:2.50 in; Length:7.50 ft; Top MD:5,291.5 ftKB					
5,298.9						
5,299.5						
5,333.0						
5,367.5						
5,427.8						
5,430.1						
5,474.1						
5,475.1						
5,480.0						
5,492.8	Des:XN-NIPPLE; OD:2 3/8 in; ID:1.79 in; Length:1.10 ft; Top MD:5,492.9 ftKB					
5,494.1	Des:HM; OD:2 3/8 in; ID:2.00 in; Length:0.40 ft; Top MD:5,525.8 ftKB					
5,525.9	Des:Tubing - Production; OD:2 7/8 in; ID:1.79 in; Length:5,501.24 ft; Top MD:25.0 ftKB					
5,526.2						
6,711.3						
6,731.3						
8,967.5						
8,987.9						
11,192.3						
11,211.9						
13,374.3						
13,386.2						
13,405.8						
13,407.5						
13,408.5						
13,498.7						
13,500.0						
13,506.9						

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing - CASING	50	2,236.22	6,731.4	8,967.6
Marker Joint - MARKER JOINT	1	20.31	8,967.6	8,987.9
Casing - CASING	50	2,204.48	8,987.9	11,192.4
Marker Joint - MARKER JOINT	1	19.70	11,192.4	11,212.1
Casing - CASING	48	2,162.18	11,212.1	13,374.3
Rapid Frac Sleeve - RAPID FRAC SLEEVE	1	11.88	13,374.3	13,386.2
Pup Joint - PUP JOINT	1	19.62	13,386.2	13,405.8
Landing Collar - LANDING COLLAR	1	1.60	13,405.8	13,407.4
Float Collar - CASING FLOAT COLLAR	1	0.93	13,407.4	13,408.3
Casing - CASING	2	90.33	13,408.3	13,498.6
Casing Shoe - CASING FLOAT SHOE	1	1.38	13,498.6	13,500.0
Cement				
Description SURFACE CASING CEMENT	Cementing Start Date 2/17/2016		Cementing End Date 2/17/2016	
Comment				
Description INTERMEDIATE CASING CEMENT	Cementing Start Date 3/21/2016		Cementing End Date 3/21/2016	
Comment				
PJSM, RIGGED UP HALLIBURTON, TEST PUMPS LINES 4,500 PSI, PUMPED 20 BBLS MUD FLUSH SPACER, 20 BBLS CHEM WASH, 10 BBLS FRESH WATER, 163.97 BBLS, 465 SKS HALCEM LEAD 12.3#, 1.98 YLD. 92.61 BBLS, 400 SKS VARICEM 13.5#, 1.3 YLD. DROP PLUG, DISPLACE 213 BBLS (MUD, H2O), BUMPED PLUG WITH 1,950 PSI, 1,450 PSI PRIOR @ 20:47 3/21/2016 FLOATS HELD, 2.0 BBLS BACK TO TRUCK, 50 BBLS CEMENT TO SURFACE.				
Description PRODUCTION LINER CEMENT	Cementing Start Date 3/25/2016		Cementing End Date 3/25/2016	
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 92453

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 92453
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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