

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**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.**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. N0G14031908
2. Name of Operator ENDURING RESOURCES LLC		6. If Indian, Allottee or Tribe Name EASTERN NAVAJO
Contact: HEATHER HUNTINGTON E-Mail: hhuntington@enduringresources.com		7. If Unit or CA/Agreement, Name and/or No. NMNM135216A
3a. Address 1050 17TH STREET SUITE 2500 DENVER, CO 80265	3b. Phone No. (include area code) Ph: 505-636-9751	8. Well Name and No. W LYBROOK UNIT 704H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 8 T23N R8W SWSW 1199FSL 1287FWL 36.237625 N Lat, 107.709190 W Lon		9. API Well No. 30-045-35728-00-S1
		10. Field and Pool or Exploratory Area LYBROOK MANCOS W
		11. County or Parish, State SAN JUAN COUNTY, 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	
<i>BP</i>	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Workover Operations	
	<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 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 determined that the site is ready for final inspection.

Enduring Resources performed a workover to modify the gas-lift completion. An updated schematic is attached.

Job Start: 07/27/2020
Job End: 07/29/2020
EOT: 5,771? MD
Packer: 5,572? MD
GLVs: 1

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #524466 verified by the BLM Well Information System For ENDURING RESOURCES LLC, sent to the Farmington Committed to AFMSS for processing by JOE KILLINS on 08/07/2020 (20JK0334SE)	
Name (Printed/Typed) HEATHER HUNTINGTON	Title PERMITTING TECHNICIAN
Signature (Electronic Submission)	Date 08/06/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JOE KILLINS Title PETROLEUM ENGINEER	Date 08/07/2020
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)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Revisions to Operator-Submitted EC Data for Sundry Notice #524466

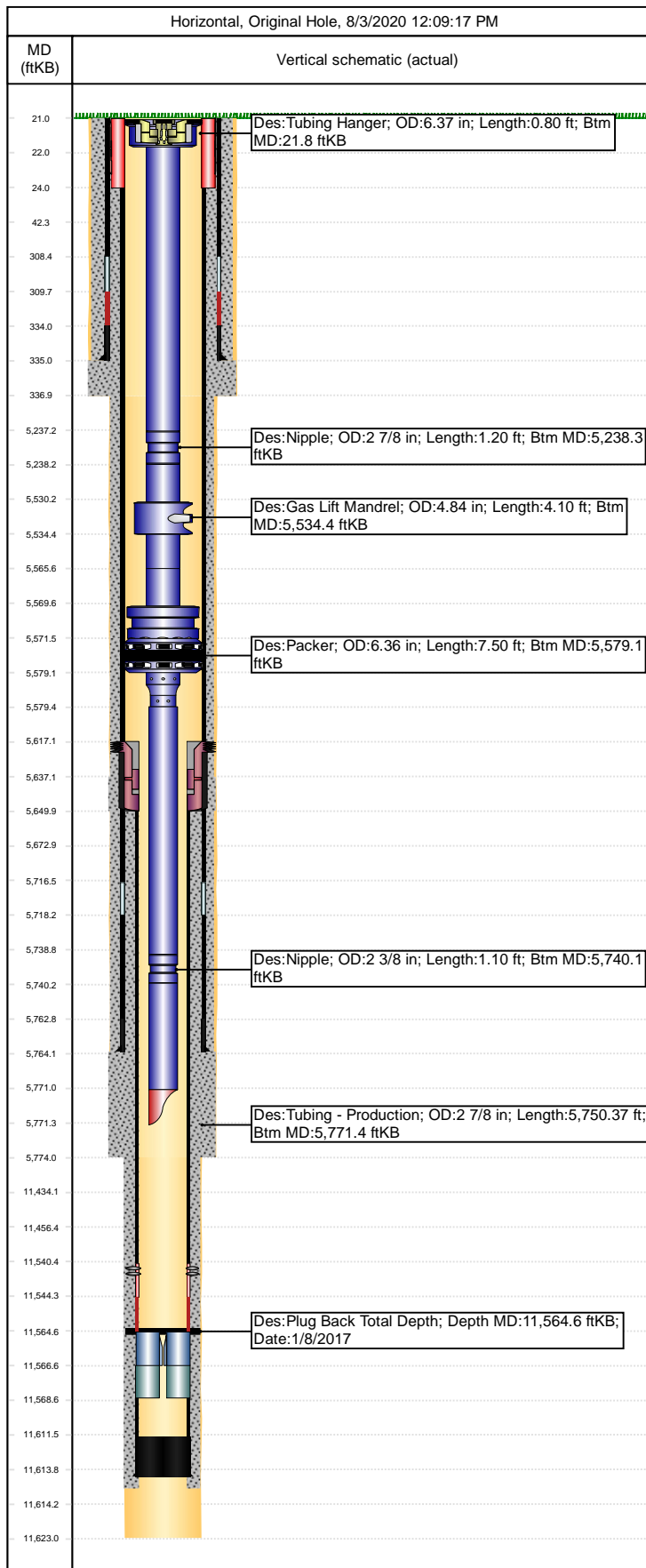
	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	WRK SR	WRK SR
Lease:	N0G14031908	N0G14031908
Agreement:		NMNM135216A (NMNM135216A)
Operator:	ENDURING RESOURCES 200 ENERGY COURT FARMINGTON, NM 87401 Ph: 505-636-9751	ENDURING RESOURCES LLC 1050 17TH STREET SUITE 2500 DENVER, CO 80265 Ph: 5053868205
Admin Contact:	HEATHER HUNTINGTON PERMITTING TECHNICIAN E-Mail: hhuntington@enduringresources.com Ph: 505-636-9751	HEATHER HUNTINGTON PERMITTING TECHNICAN E-Mail: hhuntington@enduringresources.com Ph: 505-636-9751
Tech Contact:	HEATHER HUNTINGTON PERMITTING TECHNICIAN E-Mail: hhuntington@enduringresources.com Ph: 505-636-9751	HEATHER HUNTINGTON PERMITTING TECHNICAN E-Mail: hhuntington@enduringresources.com Ph: 505-636-9751
Location: State: County:	NM SAN JUAN	NM SAN JUAN
Field/Pool:	LYBROOK MANCOS W	LYBROOK MANCOS W
Well/Facility:	W LYBROOK UNIT 704H Sec 8 T23N R8W 1199FSL 1287FWL	W LYBROOK UNIT 704H Sec 8 T23N R8W SWSW 1199FSL 1287FWL 36.237625 N Lat, 107.709190 W Lon



Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 704H

API/UWI 30-045-35728	Surface Legal Location T23N - R08W - Sec. 8	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,844.01	KB-Tubing Head Distance (ft)	Spud Date 12/31/2016 00:30	Rig Release Date 1/8/2017 00:00	PBTD (All) (ftKB) Original Hole - 11,564.6	Total Depth All (TVD) (ftKB) Original Hole - 5,073.1



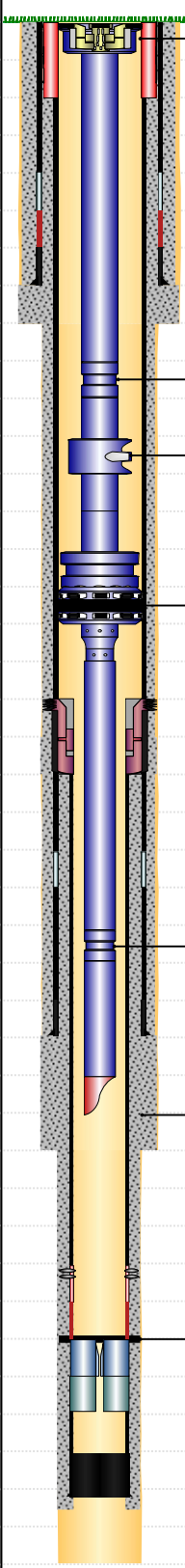
Wellbore Sections									
Section Description Surface		Size (in) 12 1/4		Act Top (ft...) 21.0		Act Top (T...) 337.0		Act Btm (ft...) 337.0	
Section Description Intermediate		Size (in) 8 3/4		Act Top (ft...) 337.0		Act Top (T...) 337.0		Act Btm (ft...) 5,774.0	
Section Description Production		Size (in) 6 1/8		Act Top (ft...) 5,774.0		Act Top (T...) 5,140.0		Act Btm (ft...) 11,623.0	
Rod Strings									
Rod Description		Run Date			String Length (ft)		Set Depth (ftKB)		
Item Des		Jts		OD (in)		Len (ft)		Top (ftKB)	
Tubing - Production set at 5,771.4ftKB on 7/29/2020 14:00									
Tubing Description Tubing - Production		Run Date 7/29/2020			String Length (ft) 5,750.37		Set Depth (ftKB) 5,771.4		
Item Des		Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger		1			6.366	2.44	0.80	21.0	21.8
Tubing		160	J-55	6.50	2 7/8	2.44	5,215.26	21.8	5,237.1
Nipple		1			2 7/8	2.31	1.20	5,237.1	5,238.3
Tubing		9	J-55	6.50	2 7/8	2.44	292.03	5,238.3	5,530.3
Gas Lift Mandrel		1			4.835	2.44	4.10	5,530.3	5,534.4
Tubing		1	J-55	6.50	2 7/8	2.44	31.07	5,534.4	5,565.5
Tubing		1	J-55	6.50	2 7/8	2.44	4.20	5,565.5	5,569.7
On-Off Tool		1			6	2.25	1.87	5,569.7	5,571.6
Packer		1			6.36	2.44	7.50	5,571.6	5,579.1
Cross Over		1			2 7/8	2.00	0.40	5,579.1	5,579.5
Tubing		5	J-55	4.70	2 3/8	2.00	159.53	5,579.5	5,739.0
Nipple		1			2 3/8	1.79	1.10	5,739.0	5,740.1
Tubing		1	J-55	4.70	2 3/8	2.00	30.91	5,740.1	5,771.0
Mule Shoe		1			2 3/8	0.75	0.40	5,771.0	5,771.4
SURFACE CASING, 335.0ftKB									
OD (in) 9 5/8		Wt/Len (lb/ft) 36.00		String Grade J-55		Top Connection ST&C		Top (ftKB) 21.0	
								Set Depth (ftKB) 335.0	
Item Des				Jts	Len (ft)		Top (ftKB)		Btm (ftKB)
Casing Joints				14	287.38		21.0		308.3
Float Collar				1	1.45		308.3		309.8
Casing Pup Joint				1	24.20		309.8		334.0
Float Shoe				1	1.00		334.0		335.0
INTERMEDIATE CASING, 5,764.0ftKB									
OD (in) 7		Wt/Len (lb/ft) 23.00		String Grade J-55		Top Connection LT&C		Top (ftKB) 21.0	
								Set Depth (ftKB) 5,764.0	
Item Des				Jts	Len (ft)		Top (ftKB)		Btm (ftKB)
Casing Hanger				1	3.00		21.0		24.0
Casing Joints				1	18.45		24.0		42.5
Casing Joints				131	5,674.15		42.5		5,716.6
Float Collar				1	1.60		5,716.6		5,718.2
Casing Joints				1	44.52		5,718.2		5,762.7
Float Shoe				1	1.30		5,762.7		5,764.0
PRODUCTION LINER #1, 11,613.9ftKB									
OD (in) 4 1/2		Wt/Len (lb/ft) 11.60		String Grade P-110		Top Connection LT&C		Top (ftKB) 5,617.0	
								Set Depth (ftKB) 11,613.9	
Item Des				Jts	Len (ft)		Top (ftKB)		Btm (ftKB)
Liner Hanger				2	33.08		5,617.0		5,650.1
Casing Joints				1	22.90		5,650.1		5,673.0
Casing Joints				133	5,760.99		5,673.0		11,434.0
Casing Joints				1	22.41		11,434.0		11,456.4
Casing Joints				2	84.12		11,456.4		11,540.5
Frac Sleeve				1	3.78		11,540.5		11,544.3
Casing Pup Joint				1	20.35		11,544.3		11,564.6
Float Collar				1	1.90		11,564.6		11,566.5
Float Collar				1	1.88		11,566.5		11,568.4
Casing Joints				1	43.20		11,568.4		11,611.6



Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 704H

API/UWI 30-045-35728	Surface Legal Location T23N - R08W - Sec. 8	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,844.01	KB-Tubing Head Distance (ft)	Spud Date 12/31/2016 00:30	Rig Release Date 1/8/2017 00:00	PBTD (All) (ftKB) Original Hole - 11,564.6	Total Depth All (TVD) (ftKB) Original Hole - 5,073.1

Horizontal, Original Hole, 8/3/2020 12:09:18 PM		Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
MD (ftKB)	Vertical schematic (actual)	Float Shoe	1	2.29	11,611.6	11,613.9
		Cement				
		Description SURFACE CASING	Cementing Start Date 12/9/2016		Cementing End Date 12/28/2016	
		Comment Pump 10 bbls FW spacer, dump 28.9 bbls (101 sxs) Type I-II cmt w/ 20% flyash @ 14.5 PPG into casing, drop plug & disp w/ 22.9 bbls H2O, bump plug @ 850 psi, circ 8 bbls good cmt to surface				
		Description INTERMEDIATE CASING	Cementing Start Date 1/4/2017		Cementing End Date 1/4/2017	
		Comment Cement 7"Casing with 80% excess on Lead/Tail figured (Halliburton Services) 5,200 Psi Test on Lines Mud Flush @ 8.3# {10 BBLS }, followed by Chem Wash @ 8.4# {10 BBLS }, followed by Lead Cement @ 12.3# { 178.9 BBLS/515 sks class C} followed by Tail Cement @ 13.5# { 92.6 BBLS/400 SKS class C} Displace W/ Fresh H2o Totaling 227 Bbls Land Plug 1730 PSI & Bump up to 2,100 PSI & Hold 5 min Floats Held got 2 Bbl Back on Bleed off 90 bbls good cement back to surface. Plug Down 01/04/2017 09:39 BLM Rep Rick Romero Onsite as Witness				
		Description PRODUCTION LINER #1	Cementing Start Date 1/8/2017		Cementing End Date 1/8/2017	
		Comment Rigged up cementers, held a pre-job safety meeting, and pumped... "Cement 4.5"Casing Liner with 30% excess figured (Halliburton Services) 5,684 Psi Test on Lines Flush Water @ 8.3# {10 BBLS }, followed by Tuned Spacer @ 11.5# {40 BBLS }, followed by Primary Cement @ 13.3# { 132 Bbls / 545 sks class C} followed by Displacement Totaling 140.5 Bbls { 40 Bbls MMCR with 2% KCL } Land Plug 1305 PSI & Bump up to 2,065 PSI & Held 5 min Floats Held got 1.25 Bbl Back on Bleed off Plug Down 01/8/2017 06:53				
21.0		Des:Tubing Hanger; OD:6.37 in; Length:0.80 ft; Btm MD:21.8 ftKB				
22.0						
24.0						
42.3						
308.4						
309.7						
334.0						
335.0						
336.9						
5,237.2		Des:Nipple; OD:2 7/8 in; Length:1.20 ft; Btm MD:5,238.3 ftKB				
5,238.2						
5,530.2		Des:Gas Lift Mandrel; OD:4.84 in; Length:4.10 ft; Btm MD:5,534.4 ftKB				
5,534.4						
5,565.6						
5,569.6						
5,571.5		Des:Packer; OD:6.36 in; Length:7.50 ft; Btm MD:5,579.1 ftKB				
5,579.1						
5,579.4						
5,617.1						
5,637.1						
5,649.9						
5,672.9						
5,716.5						
5,718.2						
5,738.8		Des:Nipple; OD:2 3/8 in; Length:1.10 ft; Btm MD:5,740.1 ftKB				
5,740.2						
5,762.8						
5,764.1						
5,771.0						
5,771.3		Des:Tubing - Production; OD:2 7/8 in; Length:5,750.37 ft; Btm MD:5,771.4 ftKB				
5,774.0						
11,434.1						
11,456.4						
11,540.4						
11,544.3						
11,564.6		Des:Plug Back Total Depth; Depth MD:11,564.6 ftKB; Date:1/8/2017				
11,566.6						
11,568.6						
11,611.5						
11,613.8						
11,614.2						
11,623.0						

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 23440

CONDITIONS OF APPROVAL

Operator:	ENDURING RESOURCES, LLC	1050 17TH STREET, SUITE 2500	DENVER, CO80265	OGRID:	372286	Action Number:	23440	Action Type:	C-103R
OCD Reviewer	Condition								
ahvermersch	None								