

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. **NMNM57164**

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 **200 ENERGY COURT, FARMINGTON, NM 87401** 3b. Phone No. (include area code)
(505) 497-85744. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 34/T23N/R9W/NMP

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

8. Well Name and No. **LYBROOK 2309-34B/765**9. API Well No. **3004535731**10. Field and Pool or Exploratory Area
BASIN MANCOS/MANCOS W11. 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 checked="" 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 type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input checked="" 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 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 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 is requesting approval to perform a Mechanical Integrity test to continue the Temporary Abandon status . The last MIT was done 11/7/2018. MIT procedure and wellbore diagram attached. This is a revision of original request with updated MIT procedure as requested by NMOCD.

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

Title **Permitting Technician**

Signature (Electronic Submission)

Date **11/17/2023**

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title **Petroleum Engineer**

Date **11/17/2023**

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 WORKOVER PROCEDURE & AFE

Date: 11/16/2023

Prepared By: Greg Olson

WELL NAME: Lybrook 2309 34B 765

API NUMBER: 30-045-35731

AFE NUMBER: WO01801

ER WELL NUMBER: NM06279.01

AREA / RUN: LYBROOK / CHACO 2

LEASE OPERATOR / PHONE: Ivan Charley (505) 386-6021, Andy Lee (505) 368-8068

SURFACE LOCATION: 550 ft FNL 1508 ft FEL NW NE Sec 34, T23N-R9W

SURFACE LOCATION: 36.189179 ° N latitude & 107.772444 ° W longitude (NAD 1983)

DRIVING DIRECTIONS: From the intersection of US HWY 550 & US HWY 64 in Bloomfield, NM: South on US HWY 550 for 37.8 miles to MM 113.4; Right (Southwest) on CR #7890 for 0.8 miles to fork; Left (South) on CR #7890 for 1.9 miles to fork, Right (Southwest) on CR #7890 for 2.4 miles to access, then .74 miles to W Lybrook Unit 735H Pad. There are 3 wells on this pad; W Lybrook Unit 735H, 765 and 767H. The 765H is the center well.

ARTIFICIAL LIFT TYPE: NA

CHEMICAL TREATMENT:

LAST WO DATE: 11/5/2018

LAST WO SUMMARY: Equipment pressure integrity test

REASON FOR WOKROVER: MIT - Mechanical integrity test - witnessed

WORKOVER SUMMARY: Bleed annulus, SI and monitor press, press test prod csg, monitor & record pressures

WORKOVER PROCEDURE:

*Regulatory approval and notification is required for this job. NMOCD/ **BLM Witness may be required and is***

- * **so timing must be scheduled.** Pressure test chart recorder will be required.
- * Notify Enduring Resources Production Supervisor prior to beginning job.
- * Conduct safety meetings daily (at a minimum) with all personnel on location. Additional safety meetings may be required and are encouraged before starting new tasks.
- * Email daily report to Greg Olson (golson@enduringresources.com) at the conclusion of operations each day. Record daily reports in Wellview.
- ** Casing: 5-1/2" 17# P110 PBTD 5,326' MD
- ** AS-1X packer with plug in profile set @ 4,466' MD
- ** Perforations: Top perf @ 4,481'.

- 1) Prior to MIRU rig and equipment, verify location is in sound condition and ready for a equipment.
- 2) MIRU pumping equipment (no tubing is in this well and a plugged packer is set above the perforations.

- 3) RU hard-line from wellhead to flowback tank. Blow down casing to flowback tank. Top off casing if needed.
- 4) Uncover all casing valves. Check pressure on all casing strings (including bradenhead). Record tubing and casing pressures every day on report.
- 5) Have water on location for fill and test. Check well pressures and monitor well to ensure that the well is dead.
- 6) Rig up High Tech Test unit /Chart and test Casing to 500 psi for 30 minutes (Note Test will be charted for a minimum of 30 minutes)
- 7) Open casing head valve and ensure pressure is "0" psi. Close valve and monitor for 30 minutes.
- 8) RD pumping equipment and pressure recorder. Chart must be sent in to Farmington office for filing MIT report.
- 9) Notify production supervisor that well MIT is completed.

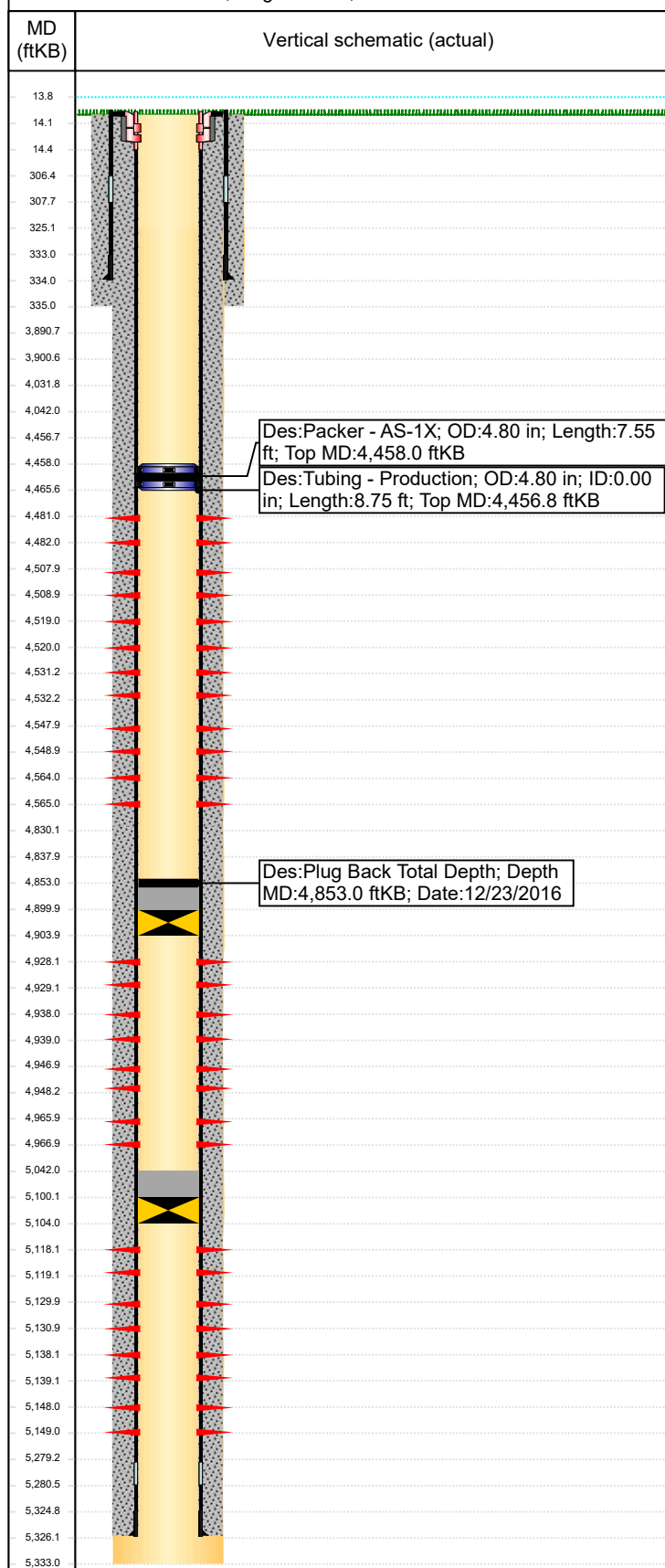


Enduring Resources IV - Production WBD with perfs

Well Name: LYBROOK 2309-34B 765

API/UWI 30-045-35731	Surface Legal Location LYBROOK 2309-34B 765	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,710.01	KB-Tubing Head Distance (ft)	Spud Date 4/25/2016 09:15	Rig Release Date	PBTD (All) (ftKB) Original Hole - 4,853.0	Total Depth All (TVD) (ftKB)

Horizontal, Original Hole, 11/6/2023 8:48:45 AM



Wellbore Sections

Section Description SURFACE	Size (in) 12 1/4	Act Top (ft...) 14.0	Act Top (T...) 14.0	Act Btm (ft...) 335.0	Act Btm (T...) 335.0
Section Description INTERMEDIATE	Size (in) 8 3/4	Act Top (ft...) 325.0	Act Top (T...) 325.0	Act Btm (ft...) 5,333.0	Act Btm (T...)

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 4,465.6ftKB on 10/25/2023 13:00

Tubing Description Tubing - Production	Run Date 10/25/2023	String Length (ft) 8.75	Set Depth (ftKB) 4,465.6
Item Des	Jts	Grade	Wt (lb/ft)
On/Off tool w/plug set in 2.25" profile	1		
Packer - AS-1X	1		
		OD (in)	ID (in)
		Len (ft)	Top (ftKB)
			Btm (ftKB)

SURFACE CASING, 334.0ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection LT&C	Top (ftKB) 13.9	Set Depth (ftKB) 334.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing - Casing, Casing, in, ppf, , ,			15	292.45	13.9	306.4
Float Collar - Float Collar, Float Collar, in, 36.00 ppf, J-55, ,			1	1.50	306.4	307.9
Casing - Casing, Casing, in, 36.00 ppf, J-55, ,			1	25.11	307.9	333.0
Casing Shoe - Casing Shoe, Casing Shoe, in, 36.00 ppf, J-55, ,			1	1.00	333.0	334.0

PRODUCTION CASING #1, 5,326.0ftKB

OD (in) 5 1/2	Wt/Len (lb/ft) 17.00	String Grade P-110	Top Connection 8RD	Top (ftKB) 14.0	Set Depth (ftKB) 5,326.0	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Hanger				0.50	14.0	14.5
Casing Joints			89	3,876.40	14.5	3,890.9
Marker Joint - MARKER JOINT			1	9.65	3,890.9	3,900.5
Casing Joints			3	131.40	3,900.5	4,031.9
Marker Joint - MARKER JOINT			1	9.95	4,031.9	4,041.9
Casing Joints			18	788.05	4,041.9	4,829.9
Marker Joint - MARKER JOINT			1	8.04	4,829.9	4,837.9
Casing Joints			10	441.41	4,837.9	5,279.4
Float Collar - CASING FLOAT COLLAR			1	1.20	5,279.4	5,280.6
Casing - SHOE JOINT			1	44.14	5,280.6	5,324.7
Casing Shoe - GUIDE SHOE			1	1.30	5,324.7	5,326.0

Cement

Description Surface Casing Cement	Cementing Start Date 4/25/2016	Cementing End Date 4/25/2016
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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/ 22.8 bbls H2O, bump plug @ 350 psi, circ 8 bbls good cmt to surface

Check float, float held, RD rig & closed-loop equip , move off

Formation Tops:

El Vado - 4,280' MD
Gallup - 4,404' MD
Juana Lopez - 4,842' MD
Carlile - 4,991' MD

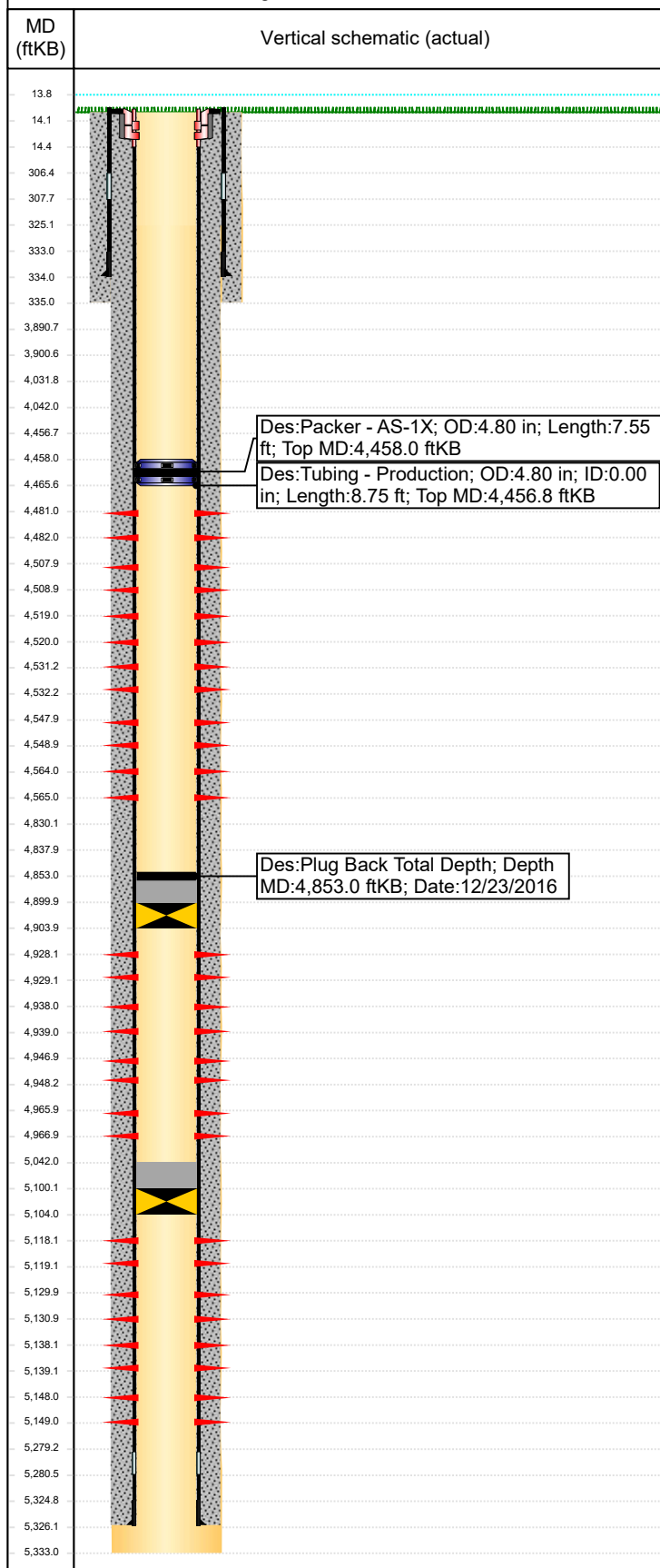


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Horizontal, Original Hole, 11/6/2023 8:48:45 AM



Cement

Description PRODUCTION CASING #1	Cementing Start Date 5/23/2016	Cementing End Date 5/23/2016
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Comment
HALLIBURTON CMT 5 1/2" CSG WITH 70% EXCESS FIGURED, PRESS TEST PUMPS LINES 5200 PSI, START 5 BBLs FRESH WATER, 40 BBLs TUNED SPACER MIXED @ 11.5PPG, LEAD: 760 SX (261 BBLs) HALCEM MIXED @ 12.4 PPG, YD-1.93, WATER 9.92 GAL/SX, ADDITIVES 6% BENTONITE, 5 LB/SX KOLSEAL, 1/8 PPSX, POLY-E-SEAL, 0.15% HR5, TAIL IN W/ 600 SX (139 BBLs) VARACEM MIXED @ 13.5 PPG, YD 1.3, WATER 5.81 GAL/SX, ADDITIVES 0.125 PF, 0.05 SA1015, 0.2% VERSASET, 0.3% HALAD 567, 1% BENTONITE, WASH PUMPS LINES, DROP TOP PLUG, DISPLACE W/ 122 BBLs 2% KCL, INHIBITED, BUMP PLUG @ 18:29 5/23/2016 T/ 2150 PSI, PRESS PRIOR 1600 PSI, FLOATS HELD BLED BACK 1 BBLs, RINSE OUT CEMENT LINES, RIG DOWN HALLIBURTON.

Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens...	Enter...
10/1/2016	Stage 03, Original Hole	4,481.0	4,482.0	4.0	Enter...
10/1/2016	Stage 03, Original Hole	4,508.0	4,509.0	4.0	Enter...
10/1/2016	Stage 03, Original Hole	4,519.0	4,520.0	4.0	Enter...
10/1/2016	Stage 03, Original Hole	4,531.0	4,532.0	4.0	Enter...
10/1/2016	Stage 03, Original Hole	4,548.0	4,549.0	4.0	Enter...
10/1/2016	Stage 03, Original Hole	4,564.0	4,565.0	4.0	Enter...
9/10/2016	Stage 02, Original Hole	4,928.0	4,929.0	4.0	Enter...
9/10/2016	Stage 02, Original Hole	4,938.0	4,939.0	4.0	Enter...
9/10/2016	Stage 02, Original Hole	4,947.0	4,948.0	4.0	Enter...
9/10/2016	Stage 02, Original Hole	4,966.0	4,967.0	4.0	Enter...
8/17/2016	Stage 01, Original Hole	5,118.0	5,119.0	4.0	Enter...
8/17/2016	Stage 01, Original Hole	5,130.0	5,131.0	4.0	Enter...
8/17/2016	Stage 01, Original Hole	5,138.0	5,139.0	4.0	Enter...
8/17/2016	Stage 01, Original Hole	5,148.0	5,149.0	4.0	Enter...

Other In Hole

Description Bridge Plug - Permanent	Top (ftKB) 5,100.0	Btm (ftKB) 5,104.0	Run Date 9/9/2016
Description Cement	Top (ftKB) 5,042.0	Btm (ftKB) 5,100.0	Run Date 9/9/2016
Description Bridge Plug - Permanent	Top (ftKB) 4,900.0	Btm (ftKB) 4,904.0	Run Date 12/22/2016
Description Cement	Top (ftKB) 4,853.0	Btm (ftKB) 4,900.0	Run Date 12/23/2016

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 286746

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 286746
	Action Type: [C-103] NOI Temporary Abandonment (C-103I)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Pressure on a Mechanical Integrity Test for TA cannot drop below 500 psi. A bradenhead test is required prior to MIT day of MIT - Notify NMOCD 24 hour prior to testing.	12/4/2023