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Form 3160-5  
(June 2015)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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.**

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		5. Lease Serial No. <b>NMNM 057164</b>
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator <b>Enduring Resources IV, LLC</b>		7. If Unit of CA/Agreement, Name and/or No.
3a. Address <b>332 CR 3100    Aztec, NM 87410</b>	3b. Phone No. (include area code) <b>505-636-9743</b>	8. Well Name and No. <b>Lybrook 2309 34B 765</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SHL: 550' FNL &amp; 1508' FEL Sec 34 T23N R9W Unit: B</b> <b>BHL: 409' FNL &amp; 1522' FEL Sec 34 T23N R9W Unit: B</b>		9. API Well No. <b>30-045-35731</b>
		10. Field and Pool or Exploratory Area <b>Basin Mancos</b>
		11. Country or Parish, State <b>San Juan, NM</b>

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

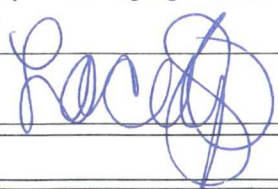
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input 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 <u>MIT/TA Request</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" 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 recomple 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 recomple 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 is requesting approval to perform a MIT in order to place this well in TA status per below procedure and attached wellbore:

Notify NMOCD 24 hrs  
prior to beginning  
operations

**BLM'S APPROVAL OR ACCEPTANCE OF THIS  
ACTION DOES NOT RELIEVE THE LESSEE AND  
OPERATOR FROM OBTAINING ANY OTHER  
AUTHORIZATION REQUIRED FOR OPERATIONS  
ON FEDERAL AND INDIAN LANDS**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>Lacey Granillo</b>	Title: Permit Specialist
Signature 	Date: 7/18/18

## THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <b>William Tambekou</b>	Title <b>Petroleum Engineer</b>	Date <b>7/19/2018</b>
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 <b>FFD</b>

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.

NMOCD

## MIT PROCEDURE

Lybrook 2309 34B 765

Enduring will contact NMOCD & BLM to schedule a witnessed test if desired per below procedure.

Scope location and ensure it is ready for base beam installation or location anchors have been tested and rig up.

Comply with all County, State, BLM, and Enduring Resources HES regulations.

Meet with Lease Operator. Complete ownership transfer form. Ensure all LO/TO is completed on well.

MIRU workover rig and equipment. Conduct daily safety meeting with all personnel on location. Discuss all potential hazards associated with daily activities, TIF, job awareness, weather conditions, slips-trips-falls, pinch points and job safety.

Uncover all casing valves. Check pressure on all casing and tubing strings (including bradenhead). Record tubing and casing pressures every day on report.

Replace/repair any red painted valves.

MIRU BOP testers and test 5K BOP stack with 2-7/8" pipe rams on top of blind rams and Washington head on test stump. Test rams to 250-psi low and 100% of BOP rating.

R/U Tbg handling equipment.

Bleed down well to Blow down tank/Monitor.

*(Note Use these Steps If Needed)*

Set BPV in hanger, if possible. N/D tree. N/U BOP. Pull BPV. Screw in landing sub with FOSV. Close pipe rams and test break to 250-psi low. Determine whether the BOP or wellhead has the lower pressure rating. Whichever rating is lower, test to 70% of that rating for the high test.

a. NOTE: Verify whether the BOP or the wellhead has the lower pressure rating and test to 70% of that rating for the high test.

b. NOTE: Single tubing barrier will be the BPV. Single backside barrier will be the tubing hanger. If BPV cannot be set, the well must be monitored for flow for 30 minutes or longer before installing BOP

Bleed off pressure. Open pipe rams. P/U hanger and L/D.

R/U rig floor and tubing handling equipment. Caliper elevators and document for 2-7/8" Tbg. Pull hanger and lay down same. POOH with 146 Jts 2-7/8"

Production Tbg and strap. PU 5-1/2" 17# Casing Scraper and 2-7/8" Prod string and run in hole to top of Perfs @ 4,475'. POOH with scraper and Tbg standing back. Lay down 5-1/2" scraper.

PU 5-1/2" RBP and TIH and set @ ~4,460', J off plug and pull up 1 joint and lay down.

Circulate wellbore with 2 % KCL.

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)

RIH with 2-7/8" production Tbg and land well where landed prior to MIT.

P/U tubing hanger on landing joint. Land tubing hanger/Flange up well.

Notify production personal in field office and contact pumper that job is complete.

Complete Ownership Transfer Form.

RDMO workover rig and equipment. ENSURE LOCATION IS CLEAN.

# LYBROOK 2309 34B #765

API # 30-045-35731



## Location

SHL: 550' FNL 1508' FEL Sec: 34 Twnshp: 23N Rge: 9W  
BHL: 409' FNL 1522' FEL Sec: 34 Twnshp: 23N Rge: 9W

Spud Date: 4/25/2016

Lat: 36.189193 Completion: 12/23/2016

Long: -107.772444 Pool Name: Basin MC

wellbore update: 7/18/18 lg

Formation	MD	TVD
OJO ALAMO	278	278
KIRTLAND	386	386
PICTURE CLIFFS	900	899
LEWIS	1032	1030
CHACRA	1256	1254
CLIFF HOUSE	2266	2261
MENEFEE	2282	2277
POINT LOOKOUT	3246	3241
MANCOS	3422	3417
GALLUP	3758	3752
SANASTEE	4984	4978

12 1/4"  
Hole

Surface: 9-5/8" 15 jnts36# J-55 ST&C  
csg, set @ 320', float collar @ 295'  
Cmt'd 101sx of Type I-II. Circ., 8bbls  
of cmt to surface.

TD @ 325'.

6 1/8"  
Hole

Prod Liner: 5-1/2" csg set @ 5326', 120 jts  
of P-110, 11.6#.  
Cmt'd 1360sx of Extendacem. Circ., 130 Bbl  
Good Cement to Surface

TD @ 5333'

PBTD @ 4853'.

MC- Perf'd: 4481'-4565' w/24 0.32" holes. Frac'd w/ 197,199, 20/40 sand

MC Plug back: 4928'-4967' CIBP @ 4900' w/ cmt top @ 4853'. 47' of cmt coverage.

Sanastee Plug back: 5118'-5149' CIBP @ 5100' w/ cmt top @ 5042', 58' of cmt coverage

Tubing :Landed @ 4666' w/ 146jts of 2-7/8" tbg, 6.5#, J55

