

RECEIVED

JUL 18 2018

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

5. Lease Serial No.
NMNM 057164

6. If Indian, Allottee or Tribe Name

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

Oil Well Gas Well Other

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

8. Well Name and No.
Lybrook 2309 348 765

2. Name of Operator
Enduring Resources IV, LLC

9. API Well No.
30-045-35731

3a. Address
332 CR 3100 Aztec, NM 87410

3b. Phone No. (include area code)
505-636-9743

10. Field and Pool or Exploratory Area
Basin Mancos

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SHL: 550' FNL & 1508' FEL Sec 34 T23N R9W Unit: B
BHL: 409' FNL & 1522' FEL Sec 34 T23N R9W Unit: B

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 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 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 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)

Lacey Granillo

Title: Permit Specialist

Signature

Date: 7/18/18

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

William Tambekou

Title

Petroleum Engineer

Date

7/19/2018

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

FFD

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 Scrapper and 2-7/8" Prod string and run in hole to top of Perfs @ 4,475'. POOH with scrapper and Tbg standing back . Lay down 5-1/2" scrapper.

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

<u>Formation</u>	<u>MD</u>	<u>TVD</u>
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

6 1/8"
Hole

Surface: 9-5/8" 15 jnts 36# 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'.

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'.

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

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

