

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 28 2018

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.

5. Lease Serial No.
NMNM 109398

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.
Chaco 2308 03L 405H

2. Name of Operator
Enduring Resources, LLC

9. API Well No.
30-045-35538

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: 2216' FSL & 74' FWL Sec 03 T23N R8W Unit: L
BHL: 2254' FSL & 250' FWL Sec 04 T23N R8W Unit: L

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 Flare Extension
	<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 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.)

NMOC

JUL 10 2018

DISTRICT III

Enduring Resources requests authorization to flare the **CHACO 2308 03L #405H** if a potential cross flow event may occur as a result of a nearby Frac activity on the **Heros 2308 09L Com 2H (30-045-35687), 3H (30-045-35848), 4H (30-045-35847), & 5H (30-045-35877)**.

If a cross flow event on the wells results in nitrogen content above Williams pipeline standards, flaring may begin as soon as **7/9/18 for 30 days**, given approval.

A gas sample will be collected upon the confirmation of the cross flow and sent to a third party for results of the gas analysis. The gas analysis will be submitted upon receipt.

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: **6/28/18**

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

William Tambekou

Title **Petroleum Engineer**

Date **7/5/2018**

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 **FFO**

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.

NMOC



via email transmission – afelix@enduringresources.com

June 19, 2018

Enduring Resources, LLC
Attn: Andrea Felix
1050 17th Street, Suite 2500
Denver, CO 80265

**RE: Notice of stimulation operations affecting
Heros 2308 09L Com #2H (API 30-045-35687)
Heros 2308 09L Com #3H (API 30-045-35848)
Heros 2308 09L Com #4H (API 30-045-35847)
Heros 2308 09L Com #5H (API 30-045-35877)
("Notice")**

Operator:

LOGOS Operating, LLC ("LOGOS"), intends to conduct stimulation operations beneath the following lands (the "Lands"):

Township 23 North, Range 8 West, NMPM

Section 9: S/2

Section 16: N/2

San Juan County, New Mexico

The aforesaid stimulation operations will be within a one (1) mile radius of one or more existing wells operated by your company, as shown in the map attached as Exhibit "A" hereto.

LOGOS intends to commence the aforesaid stimulation operations on or about July 9, 2018, and to complete such operations on or about July 22, 2018. To protect your well(s), you should immediately undertake any appropriate and necessary mitigation measures and/or make any necessary well or equipment repairs which may result from any potential well damage, performance or other detrimental impacts which may be caused by such stimulation operations.

This Notice is provided to you as a convenience and pursuant to the draft Stimulation best Management Practices dated November 18, 2013, established through the cooperative effort of the Bureau of Land Management's Farmington Field Office, the New Mexico Oil Conservation Department and representatives of the oil and gas industry.

LOGOS Operating, LLC

2010 Afton Place - Farmington, NM 87401 - Direct 505-324-4100 - Fax 505-832-3095



Should you have any questions about this Notice or the upcoming operations, please contact Kristy Graham by phone at 505-436-2627 or by email at kgraham@logosresourcesllc.com.

Sincerely,
LOGOS Operating, LLC

Dawn Howell

Name: Dawn Howell
Title: Senior Staff Land Analyst

cc: Chris Jeffus



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington District Office
6251 College Blvd. - Suite A
Farmington, New Mexico 87402
www.blm.gov/nm



In Reply refer To:

Conditions of Approval

- Flaring is authorized pursuant to 43 CFR 3170, Subpart 3179.102.
- 43 CFR 3179.9 (a) The operator must estimate or measure all volumes of gas vented or flared from wells, facilities and equipment on a lease, unit PA, or communitized area and report those volumes under applicable ONRR reporting requirements.
- Flaring will be authorized until August 19, 2018 if additional time is required, please contact this office accordingly.
- Please take appropriate and necessary safety precautions at this well site during the flaring period.