

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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.**

AUG 23 2018

5. Lease Serial No.
NMNM-18463
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Enduring Resources IV, LLC

3a. Address
332 Cr 3100 Aztec, NM 87410

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

7. If Unit of CA/Agreement, Name and/or No.
NMNM135217A

8. Well Name and No.
Chaco 2308-09A #146H

9. API Well No.
30-045-35498

10. Field and Pool or Exploratory Area
Nageezi Gallup

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SHL: 932' FNL & 204' FEL, sec 9, T23N, R8W -
BHL: 2270' FNL & 236' FWL, Sec 9, T23N, R8W

11. Country 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 ShutOff
<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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Flared/Gas</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>Sample</u>

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.)

This well flared during the stimulation activity on the following wells and is back on production.

ACCEPTED FOR RECORD

Heros 2308 09L Com 2H (30-045-35687), 3H (30-045-35848), 4H (30-045-35847), 5H (30-045-35877) & Athena 2308 14L #3H (30-045-35876).

Flared: 7/19/18-8/14/18

Total Flared Volumes: 52.36 mcf

Attached Gas Sample

FARMINGTON FIELD OFFICE

By: William Tambekou

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Lacey Granillo

Title Permit Specialist

Signature

Date 8/23/18

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

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

AUG 30 2018

DISTRICT III

Diablo Analytical BTU Report

GPA 2145-03 Analysis

Sample Information

Sample Information	
Sample Name	Chaco 146
Station Number	
Taken By	Alpine Analysis LLC
Operator	Travis Tapp
Method Name	StandardNatGas.met
Injection Date	2018-08-13 15:03:18
Report Date	2018-08-13 15:07:33
EZReporter Configuration File	default Standard Sample.cfgx
Source Data File	2018-08-13 15-03-06 (GMT -06-00)Chaco 146-Rep2.dat
EZReporter Data File	Chaco 146-20180813-150733.ezrx
Data Source	Agilent EZChrom Connector

Component Results

Component Name	Ret. Time	Peak Area	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	0.322	9617682.0	13.98356	0.0	0.13525	1.545
Methane	0.329	26494858.0	55.94771	566.4	0.30989	9.523
Carbon Dioxide	0.380	309795.0	0.45530	0.0	0.00692	0.078
Ethane	0.417	7757541.0	10.81148	191.8	0.11224	2.903
Hydrogen Sulfide	0.601	0.0	0.00000	0.0	0.00000	0.000
Propane	0.524	22177893.0	11.33007	285.7	0.17250	3.134
i-Butane	0.576	3194698.0	1.40170	45.7	0.02813	0.461
n-Butane	0.607	8683711.0	3.73506	122.1	0.07496	1.182
i-Pentane	0.713	2181041.0	0.84338	33.8	0.02101	0.310
n-Pentane	0.756	2124176.0	0.78944	31.7	0.01967	0.287
Hexanes Plus	0.000	2303415.0	0.70230	0.0	0.00000	0.000
Water	0.000	0.0	0.00000	0.0	0.00000	0.000
Total:			100.00000	1277.2	0.88057	19.423

Results Summary

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	96.39750	
Pressure Base (psia)	14.730	
Temperature Base	60.0	
Water Mole%	-	1.74067
Gross Heating Value (BTU / Ideal cu.ft.)	1277.2	1255.0
Gross Heating Value (BTU / Real cu.ft.)	1282.7	1260.9
Relative Density (G), Real	0.8840	0.8798
Compressibility (Z) Factor	0.9957	0.9953
Total GPM	19.423	19.193