

RECEIVED

APR 23 2018

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Farmington Field Office
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.

5. Lease Serial No.
NMNM 18463
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 2308-14E #152H

2. Name of Operator
Enduring Resources LLC

9. API Well No.
30-045-35504

3a. Address
332 RD 3100 Aztec, NM 87410

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

10. Field and Pool or Exploratory Area
Nageezi Gallup

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**Sur: 1440' FNL & 287' FWL, Sec 14, T23N, R8W -
BHL: 2288' FNL & 234' FWL, Sec 15, T23N, R8W**

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

Notice of Intent

Acidize

Deepen

Production (Start/Resume)

Water ShutOff

Subsequent Report

Alter Casing

Hydraulic Fracturing

Reclamation

Well Integrity

Final Abandonment Notice

Casing Repair

New Construction

Recomplete

Other Flared-

Change Plans

Plug and Abandon

Temporarily Abandon

Gas Sample

Convert to Injection

Plug Back

Water Disposal

KP

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 recomplate 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 recomplate 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 from 4/4/18-4/18/18 due to Frac activity on the **Athena 2308 14L #2H (3004535633)** belonging to Logos.

Total Flare Volume: 7782 MCF

NMOCD

ACCEPTED FOR RECORD

Attached: Gas Sample

APR 26 2018

APR 25 2018

DISTRICT III

FARMINGTON FIELD OFFICE

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

Lacey Granillo

Title Permit Specialist

By: *[Signature]*

Signature

[Signature]

Date 4/23/18

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

2

Diablo Analytical BTU Report

GPA 2145-03 Analysis

Sample Information

Sample Information	
Sample Name	Chaco 152
Station Number	
Taken By	Alpine Analysis LLC
Operator	Travis Tapp
Method Name	StandardNatGas.met
Injection Date	2018-04-18 11:53:52
Report Date	2018-04-18 11:57:50
EZReporter Configuration File	default Standard Sample.cfgx
Source Data File	2018-04-18 11-53-21 (GMT -06-00)Chaco 152.dat
EZReporter Data File	Chaco 152-20180418-115750.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	0.320	8728884.0	12.45366	0.0	0.12045	1.375
Methane	0.326	29841467.0	61.83464	626.0	0.34250	10.520
Carbon Dioxide	0.379	296786.0	0.42805	0.0	0.00650	0.073
Ethane	0.417	7977924.0	10.91045	193.5	0.11327	2.928
Hydrogen Sulfide	0.601	0.0	0.00000	0.0	0.00000	0.000
Propane	0.524	18027972.0	9.03753	227.9	0.13760	2.499
i-Butane	0.575	2499809.0	1.07627	35.1	0.02160	0.353
n-Butane	0.607	6525680.0	2.75426	90.1	0.05527	0.871
i-Pentane	0.714	1469310.0	0.55753	22.4	0.01389	0.205
n-Pentane	0.757	1436487.0	0.52384	21.0	0.01305	0.191
Hexanes Plus	0.000	1416429.0	0.42377	0.0	0.00000	0.000
Water	0.000	0.0	0.00000	0.0	0.00000	0.000
Total:			100.00000	1216.0	0.82414	19.014

Results Summary

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	98.23700	
Pressure Base (psia)	14.730	
Temperature Base	60.0	
Water Mole%	-	1.74067
Gross Heating Value (BTU / Ideal cu.ft.)	1216.0	1194.8
Gross Heating Value (BTU / Real cu.ft.)	1220.5	1199.8
Relative Density (G), Real	0.8269	0.8237
Compressibility (Z) Factor	0.9963	0.9958
Total GPM	19.014	18.791