

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 23 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.

SUBMIT IN TRIPLICATE - Other instructions on page 2		5. Lease Serial No. NMNM 18463
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 Farmington Field Office Bureau of Land Management
2. Name of Operator Enduring Resources IV, LLC		7. If Unit of CA/Agreement, Name and/or No.
3a. Address 332 Cr 3100 Aztec, NM 87410	3b. Phone No. (include area code) 505-636-9743	8. Well Name and No. Chaco 2308-14E #152H
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		9. API Well No. 30-045-35504
		10. Field and Pool or Exploratory Area Nageezi Gallup
		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 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 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 <u>Flared</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>with 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.

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: 7/18/18-8/8/18


Total Flared Volumes: 144.51 mcf

Attached Gas Sample

ACCEPTED FOR RECORD

AUG 27 2018

FARMINGTON FIELD OFFICE
By: William Tambakou

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 152
Station Number	
Taken By	Alpine Analysis LLC
Operator	Travis Tapp
Method Name	StandardNatGas.met
Injection Date	2018-08-07 15:01:28
Report Date	2018-08-07 15:05:18
EZReporter Configuration File	default Standard Sample.cfgx
Source Data File	2018-08-07 15-01-17 (GMT -06-00)Chaco 152.dat
EZReporter Data File	Chaco 152-20180807-150518.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	5737705.0	8.27115	0.0	0.08000	0.913
Methane	0.328	32406224.0	67.84736	686.8	0.37581	11.541
Carbon Dioxide	0.379	298391.0	0.43476	0.0	0.00661	0.074
Ethane	0.417	8105038.0	11.19959	198.7	0.11627	3.005
Hydrogen Sulfide	0.601	0.0	0.00000	0.0	0.00000	0.000
Propane	0.528	16184320.0	8.19771	206.7	0.12481	2.266
i-Butane	0.578	2055133.0	0.89400	29.1	0.01794	0.294
n-Butane	0.611	5197764.0	2.21659	72.5	0.04448	0.701
i-Pentane	0.716	1060369.0	0.40658	16.3	0.01013	0.149
n-Pentane	0.759	963725.0	0.35515	14.3	0.00885	0.129
Hexanes Plus	0.000	585887.0	0.17711	0.0	0.00000	0.000
Water	0.000	0.0	0.00000	0.0	0.00000	0.000
Total:			100.00000	1224.4	0.78489	19.073

Results Summary

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	97.22590	
Pressure Base (psia)	14.730	
Temperature Base	60.0	
Water Mole%	-	1.74067
Gross Heating Value (BTU / Ideal cu.ft.)	1224.4	1203.1
Gross Heating Value (BTU / Real cu.ft.)	1228.9	1208.0
Relative Density (G), Real	0.7874	0.7849
Compressibility (Z) Factor	0.9964	0.9960
Total GPM	19.073	18.849