

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-045-35439
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. VO9208
7. Lease Name or Unit Agreement Name
8. Well Number CHACO 2308-16I #147H
9. OGRID Number 372286
10. Pool name or Wildcat Nageezi Gallup/ Basin MC

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Enduring Resources LLC

3. Address of Operator
332 Rd 3100 Aztec NM 87410 505-636-9743

4. Well Location
Unit Letter I : 1491' feet from the SOUTH line and 248' feet from the EAST line
Section 16 Township 23N Range 8W NMPM SAN JUAN County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6858'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: **FLARED-GAS SAMPLE** ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

This well flared from 4/6/18-4/18/18 due to Frac activity on the **Athena 2308 14L #2H (3004535633)** belonging to Logos.

Total Flare Volume: 2445 MCF

Attached: Gas Sample

NMOC

APR 23 2018

DISTRICT III

Spud Date: 2/3/14

Rig Release Date: 5/1/14

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Lacey Granillo TITLE Permitting Specialist DATE 4/23/18

Type or print name LACEY GRANILLO E-mail address: lgranillo@enduringresources.com PHONE: 636-9743

For State Use Only

ACCEPTED FOR RECORD

APPROVED BY: Lacey Granillo TITLE Permitting Specialist DATE 4.24-18

Conditions of Approval (if any):

Diablo Analytical BTU Report

GPA 2145-03 Analysis

Sample Information

Sample Information	
Sample Name	Chaco 147
Station Number	
Taken By	Alpine Analysis LLC
Operator	Travis Tapp
Method Name	StandardNatGas.met
Injection Date	2018-04-18 11:22:45
Report Date	2018-04-18 11:26:34
EZReporter Configuration File	default Standard Sample.cfgx
Source Data File	2018-04-18 11-22-03 (GMT -06-00)Chaco 147.dat
EZReporter Data File	Chaco 147-20180418-112634.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	4702559.0	6.56798	0.0	0.06353	0.726
Methane	0.326	30487729.0	61.84416	626.1	0.34255	10.533
Carbon Dioxide	0.378	319111.0	0.45053	0.0	0.00685	0.077
Ethane	0.416	8447415.0	11.30943	200.6	0.11741	3.038
Hydrogen Sulfide	0.601	0.0	0.00000	0.0	0.00000	0.000
Propane	0.521	22213492.0	10.90135	274.9	0.16597	3.017
i-Butane	0.572	3514925.0	1.48143	48.3	0.02973	0.487
n-Butane	0.603	9752398.0	4.02954	131.8	0.08086	1.276
i-Pentane	0.709	3887370.0	1.44406	57.9	0.03597	0.531
n-Pentane	0.753	3273088.0	1.16852	47.0	0.02911	0.426
Hexanes Plus	0.000	2741340.0	0.80300	0.0	0.00000	0.000
Water	0.000	0.0	0.00000	0.0	0.00000	0.000
Total:			100.00000	1386.5	0.87199	20.111

Results Summary

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	100.34900	
Pressure Base (psia)	14.730	
Temperature Base	60.0	
Water Mole%	-	1.74067
Gross Heating Value (BTU / Ideal cu.ft.)	1386.5	1362.4
Gross Heating Value (BTU / Real cu.ft.)	1393.2	1369.6
Relative Density (G), Real	0.8759	0.8719
Compressibility (Z) Factor	0.9952	0.9947
Total GPM	20.111	19.869