

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1425 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

Form C-103
Revised July 18, 2013

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

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.)		WELL API NO. 30-045-35500
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Enduring Resources LLC		6. State Oil & Gas Lease No. VO9208
3. Address of Operator 332 Rd 3100 Aztec NM 87410		7. Lease Name or Unit Agreement Name
4. Well Location Unit Letter <u>I</u> : <u>1531'</u> feet from the <u>SOUTH</u> line and <u>281'</u> feet from the <u>EAST</u> line Section <u>16</u> Township <u>23N</u> Range <u>8W</u> NMPM <u>SAN JUAN</u> County		8. Well Number CHACO 2308-16I #148H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6866'		9. OGRID Number 372286
		10. Pool name or Wildcat Nageezi Gallup/ Basin MC

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 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: 7/18/18-8/21/18

Total Flared Volumes: 0 mcf

Attached Gas Sample

Spud Date: 2/3/14

Rig Release Date: 5/1/14

NMOC

AUG 23 2018

DISTRICT III

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

SIGNATURE [Signature] TITLE Permitting Specialist DATE 8/23/18

Type or print name LACEY GRANILLO E-mail address: lgranillo@enduringresources.com PHONE: 686-9743

For State Use Only

APPROVED BY: [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE [Signature]
Conditions of Approval (if any): [Signature]

Diablo Analytical BTU Report

GPA 2145-03 Analysis

Sample Information

Sample Information	
Sample Name	Chaco 148
Station Number	
Taken By	Alpine Analysis LLC
Operator	Travis Tapp
Method Name	StandardNatGas.met
Injection Date	2018-07-12 12:00:08
Report Date	2018-07-12 12:04:31
EZReporter Configuration File	default Standard Sample.cfgx
Source Data File	2018-07-12 11:59:57 (GMT -06-00)Chaco 148.dat
EZReporter Data File	Chaco 148-20180712-120431.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	5923584.0	8.44227	0.0	0.08165	0.932
Methane	0.327	30893914.0	63.94705	647.4	0.35420	10.883
Carbon Dioxide	0.379	335094.0	0.48270	0.0	0.00733	0.083
Ethane	0.417	7953238.0	10.86514	192.7	0.11280	2.917
Hydrogen Sulfide	0.601	0.0	0.00000	0.0	0.00000	0.000
Propane	0.524	20441787.0	10.23662	258.2	0.15585	2.831
i-Butane	0.576	2788727.0	1.19939	39.1	0.02407	0.394
n-Butane	0.607	7283088.0	3.07061	100.4	0.06162	0.972
i-Pentane	0.713	1386399.0	0.52551	21.1	0.01309	0.193
n-Pentane	0.756	1495021.0	0.54463	21.9	0.01357	0.198
Hexanes Plus	0.000	2295527.0	0.68608	0.0	0.00000	0.000
Water	0.000	0.0	0.00000	0.0	0.00000	0.000
Total:			100.00000	1280.7	0.82419	19.402

Results Summary

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	98.34200	
Pressure Base (psia)	14.730	
Temperature Base	60.0	
Water Mole%	-	1.74067
Gross Heating Value (BTU / Ideal cu.ft.)	1280.7	1258.4
Gross Heating Value (BTU / Real cu.ft.)	1285.9	1264.1
Relative Density (G), Real	0.8272	0.8240
Compressibility (Z) Factor	0.9959	0.9955
Total GPM	19.402	19.172