District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
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-129
Revised August 1, 2011

Submit one copy to appropriate
District Office

NFO Permit No. _____
(For Division Use Only)

APPLICATION FOR EXCEPTION TO NO-FLARE RULE 19.15.18.12

(See Rule 19.15.18.12 NMAC and Rule 19.15.7.37 NMAC)

A. Applicant: **Enduring Resources IV, LLC**

whose address is: **200 Energy Court Farmington NM 87401**

hereby requests an exception to Rule 19.15.18.12 until **5/25/19,** for the following described tank battery (or LACT):

Name of Lease: **S Escavada Unit #352H API- 30-043-21323** Name of Pool: **Rusty Gallup Oil Pool**

Location of Battery: Unit Letter **F** Section **26** Township **22N** Range **7W**

Number of wells producing into battery 2

B. Based upon oil production of **650** barrels per day, the estimated volume of gas to be flared is **1.0 MMCF/D**; Value: **$3** per day.

C. Name and location of nearest gas gathering facility:

Harvest Trunk T Line, Sec 21, T22N, R07W

D. Distance Built Estimated cost of connection Built

E. This exception is requested for the following reasons: **Flare Extension**

NMOCD
APR 25 2019
DISTRICT III

Enduring Resources IV, LLC requests authorization to flare the **S Escavada Unit #352H** for 30 days, the most current expiration date ran out on 4/21/19.

Enduring is in the process of commencing clean out operations with N2 on the **S Esavada Unit 353H.** In the event of a crossflow we may need to flare this well (S Escavada Unit 352H) starting as soon as **4/25/19** while the well is worked over and returned to production.

A gas sample has been collected and is attached.

OPERATOR	OIL CONSERVATION DIVISION
I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.	Approved Until 5/25/19
Signature	By
Printed Name & Title Lacey Granillo, Permit Specialist	Title I & E Supervisor
E-mail Address lgranillo@enduringresources.com	Date 4/25/19
Date: 4/24/19 Telephone No. (505) 636-9743	* Ensure gas needs to be flared through samples prior to flare. The gas sample attached appears to be sellable gas.

* Gas-Oil ratio test may be required to verify estimated gas volume.

AV

Diablo Analytical BTU Report
GPA 2145-16 Analysis

Sample Information

	Sample Information
Sample Name	Enduring Resources: SEU #352
Station Number	
Taken By	Alpine Analysis LLC (Agilent 490) Last Calibration 4-22-19
Operator	Travis Tapp
Method Name/Type	StandardNatGas.met
Injection Date	2019-04-23 16:05:01
Report Date	2019-04-23 16:10:23
EZReporter Configuration File	default Standard Sample.cfgx
Source Data File	2019-04-23 16-04-50 (GMT -06-00)SEU #352.dat
EZReporter Data File	Enduring Resources SEU #352-20190423-161023.ezrx
Data Source	Agilent EZChrom Connector

Component Results

Component Name	Ret. Time	Raw Amount	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Net HV (Dry) (BTU / Ideal cu.ft.)	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	0.358	3.0024	3.0409	0.0	0.0	0.336
Methane	0.366	66.1976	67.0473	678.7	611.1	11.416
Carbon Dioxide	0.444	0.5029	0.5094	0.0	0.0	0.087
Ethane	0.507	12.7282	12.8916	228.7	209.2	3.463
Hydrogen Sulfide	0.778	0.0000	0.0000	0.0	0.0	0.000
Propane	0.527	11.0585	11.2005	282.5	259.9	3.099
i-Butane	0.580	1.2064	1.2219	39.8	36.7	0.402
n-Butane	0.613	2.6878	2.7223	89.0	82.2	0.862
i-Pentane	0.722	0.4932	0.4995	20.0	18.5	0.183
n-Pentane	0.767	0.4280	0.4335	17.4	16.1	0.158
Hexanes Plus	0.000	0.4276	0.4331	22.3	20.6	0.189
Water	0.000	0.0000	0.0000	0.0	0.0	0.000
Total:		98.7326	100.0000	1378.4	1254.4	20.195

Results Summary

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	98.7326	
Total Normalzed Mole%	100.0000	100.0000
Pressure Base (psia)	14.730	
Temperature Base (Deg. F)	60.00	
Water Mole%	-	1.7407
Gross Heating Value (BTU / Ideal cu.ft.)	1378.4	1354.4
Gross Heating Value (BTU / Real cu.ft.)	1384.8	1361.3
Net Heating Value (BTU / Ideal cu.ft.)	1254.4	1232.5
Relative Density (G), Real	0.8327	0.8295
Compressibility (Z) Factor	0.9954	0.9949
Total GPM	20.195	19.953