

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 #353H API- 30-043-21320** 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 **1.1 MMCF/D**; Value: **\$3** per day.

C. Name and location of nearest gas gathering facility:

Harvest Trunk T Line, Sec 21, T22N, R07W

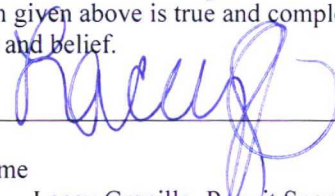

D. Distance **Built** Estimated cost of connection **Built**

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

Enduring Resources IV, LLC requests authorization to continue to flare the **S Escavada Unit #353H** for an additional 30 days. The current expiration date expires on 4/25/19.

Enduring is in the process of commencing clean out operations with N2 and wishes to continue flaring while the well is worked over and returned to production.

A gas sample has been collected and is attached.

<p>OPERATOR</p> <p>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.</p> <p>Signature <u></u></p> <p>Printed Name & Title <u>Lacey Granillo, Permit Specialist</u></p> <p>E-mail Address <u>lgranillo@enduringresources.com</u></p> <p>Date: 4/24/19 Telephone No. (505) 636-9743</p>	<p>OIL CONSERVATION DIVISION</p> <p>Approved Until <u>5/25/19</u></p> <p>By <u></u></p> <p>Title <u>I & E Supervisor</u></p> <p>Date <u>4/25/19</u></p> <p>* Ensure gas needs to be flared through samples prior to flare. The gas sample attached appears to be sellable gas</p>
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* Gas-Oil ratio test may be required to verify estimated gas volume.

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Diablo Analytical BTU Report

GPA 2145-16 Analysis

Sample Information

Sample Information	
Sample Name	Enduring Resources: SEU #353
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 16:30:03
Report Date	2019-04-23 16:34:02
EZReporter Configuration File	default Standard Sample.cfgx
Source Data File	2019-04-23 16-29-52 (GMT -06-00)SEU #353.dat
EZReporter Data File	Enduring Resources SEU #353-20190423-163402.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	4.2646	4.3866	0.0	0.0	0.484
Methane	0.366	71.2594	73.2984	742.0	668.1	12.471
Carbon Dioxide	0.445	0.5078	0.5223	0.0	0.0	0.089
Ethane	0.512	9.3157	9.5823	170.0	155.5	2.572
Hydrogen Sulfide	0.778	0.0000	0.0000	0.0	0.0	0.000
Propane	0.529	7.7292	7.9504	200.5	184.5	2.198
i-Butane	0.580	0.9225	0.9489	30.9	28.5	0.312
n-Butane	0.614	2.0203	2.0781	68.0	62.7	0.657
i-Pentane	0.722	0.4159	0.4278	17.2	15.9	0.157
n-Pentane	0.767	0.3641	0.3745	15.0	13.9	0.136
Hexanes Plus	0.000	0.4187	0.4307	22.1	20.5	0.188
Water	0.000	0.0000	0.0000	0.0	0.0	0.000
Total:		97.2182	100.0000	1265.7	1149.6	19.264

Results Summary

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	97.2182	
Total Normalized 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.)	1265.7	1243.7
Gross Heating Value (BTU / Real cu.ft.)	1270.6	1249.0
Net Heating Value (BTU / Ideal cu.ft.)	1149.6	1129.6
Relative Density (G), Real	0.7741	0.7718
Compressibility (Z) Factor	0.9962	0.9958
Total GPM	19.264	19.037