



Athens, TX (903) 677-0700 . Beeville, TX (361) 354-5200 . Midland, TX (432) 704-5351

## GAS ANALYSIS REPORT

LAB REPORT NUMBER: HM5497 - 08102021

PHYSICAL CONSTANTS PER GPA 2145-16

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CUSTOMER:	BTA OIL PRODUCERS LLC	DATE ANALYZED:	8/25/2021
STATION:	80935243	DATE ON:	8/10/2021
PRODUCER:	BTA OIL PRODUCERS	DATE OFF:	
LEASE:	MESA 3H	SAMPLED BY	Larry Miller
EFFECTIVE DATE:	8/1/2021		

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<u>COMPONENT:</u>	<u>MOLE %</u>	<u>GPM</u>	<u>WT. %</u>
H2S	0.000		0.000
OXYGEN	0.055		0.077
NITROGEN	2.076		2.560
CARBON DIOXIDE	5.508		10.672
METHANE	72.148		50.959
ETHANE	10.785	2.879	14.277
PROPANE	5.804	1.596	11.268
I-BUTANE	0.775	0.253	1.983
N-BUTANE	1.730	0.544	4.427
I-PENTANE	0.397	0.145	1.261
N-PENTANE	0.388	0.140	1.232
HEXANE PLUS	<u>0.312</u>	<u>0.135</u>	<u>1.280</u>
<b>TOTAL</b>	<b>100.000</b>	<b>5.692</b>	<b>100.000</b>

**(ALL VALUES CALCULATED @ 14.65 PSIA + 60 DEG. F)**

REAL GRAVITY	0.7869	BTU WET BASIS	1175.01
MOL WT.	22.714	BTU DRY BASIS	1195.43
H2S PPM:	0.000	CO2 %:	

SAMPLE TYPE	SPOT	SAMPLE PRESS:	125
CYLINDER NO	HM5497	SAMPLE TEMP:	85
NOTES		COUNTY/STATE:	LEA, NM

8/25/2021