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EXTENDED NATURAL GAS LIQUID ANALYSIS (*DHA)

MAIN PAGE

PROJECT NO. :	201208138	ANALYSIS NO. :	13
COMPANY NAME :	CARRIZO OIL & GAS	ANALYSIS DATE:	AUGUST 23, 2012
ACCOUNT NO. :		SAMPLE DATE :	AUGUST 22, 2012
PRODUCER :		CYLINDER NO. :	2821
LEASE NO. :		SAMPLED BY :	JOHN MOSER
NAME/DESCRIP :	OIL TREATER @ 3:15 P.M.		EMPACT
	PERGAMOS 2-4-44-7-60		
FIELD DATA		SAMPLE TEMP. :	149
SAMPLE PRES. :	16	AMBIENT TEMP.:	
VAPOR PRES. :		GRAVITY :	
COMMENTS :	SPOT; NO PROBE		

COMPONENT	MOLE %	MASS %	VOL %
ALCOHOLS	0.0388	0.0196	0.0187
NITROGEN (AIR)	0.0507	0.0119	0.0111
CARBON DIOXIDE	0.0113	0.0042	0.0039
METHANE	0.0420	0.0057	0.0144
ETHANE	0.1923	0.0485	0.1030
PROPANE	0.6840	0.2533	0.3778
I-BUTANE	0.1871	0.0913	0.1227
N-BUTANE	0.9280	0.4528	0.5863
I-PENTANE	0.4555	0.2759	0.3340
N-PENTANE	0.7814	0.4733	0.5671
HEXANES PLUS	96.6289	98.3635	97.8610
TOTALS	100.0000	100.0000	100.0000

BTEX COMPONENTS	MOLE%	MASS%
BENZENE	1.0700	0.7017
TOLUENE	2.9317	2.2679
ETHYLBENZENE	0.9294	0.8285
XYLENE	2.9440	2.6243
TOTAL BTEX	7.8751	6.4224

(CALC: GPA STD 2145-94 & TP-17 @14.696 & 60 F)

	TOTAL SAMPLE	C6+ FRACTION
Specific Gravity (H2O=1) =	0.7565	0.7605 60/60
API Gravity =	55.55	54.56 60/60
Molecular Weight =	119.11	121.584
Absolute Density =	6.31	6.34 LBS/GAL
Heating Value Liq. Idl Gas=	127884	128670 BTU/GAL
Vapor/Liquid =	20.24	19.97 CUFT/GAL
Vapor Pressure =	6.91	1.23 PSIA @100 F

*(DETAILED HYDROCARBON ANALYSIS/NJ 1993) ; ASTM D6730

THIS DATA HAS BEEN ACQUIRED THROUGH APPLICATION OF CURRENT STATE-OF-THE-ART ANALYTICAL TECHNIQUES.
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