



303-637-0150

EXTENDED NATURAL GAS LIQUID ANALYSIS (*DHA)

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PROJECT NO. :	201207125	ANALYSIS NO. :	01
COMPANY NAME :	CONDOR ENERGY TECH.	ANALYSIS DATE:	JULY 28, 2012
ACCOUNT NO. :		SAMPLE DATE :	JULY 26, 2012
PRODUCER :		CYLINDER NO. :	7043
LEASE NO. :		SAMPLED BY :	BURL MCENDREE
NAME/DESCRIP :	TREATOR - PRE OIL DUMP @ 10:00 A.M. FORD FAMILY TRUST 2H; DANVILLE		EMPACT
FIELD DATA			
SAMPLE PRES. :	18	SAMPLE TEMP. :	181
VAPOR PRES. :		AMBIENT TEMP.:	
COMMENTS :	SPOT	GRAVITY :	

COMPONENT	MOLE %	MASS %	VOL %
ALCOHOLS	0.0817	0.0414	0.0391
NITROGEN (AIR)	0.0073	0.0018	0.0017
CARBON DIOXIDE	0.0268	0.0103	0.0095
METHANE	0.1096	0.0153	0.0384
ETHANE	0.1442	0.0378	0.0799
PROPANE	0.5038	0.1938	0.2880
I-BUTANE	0.1360	0.0689	0.0922
N-BUTANE	0.6893	0.3494	0.4507
I-PENTANE	0.3606	0.2269	0.2737
N-PENTANE	0.5836	0.3672	0.4383
HEXANES PLUS	97.3571	98.6872	98.2885
TOTALS	100.0000	100.0000	100.0000

BTEX COMPONENTS	MOLE%	MASS%
BENZENE	1.4413	0.9817
TOLUENE	3.0421	2.4443
ETHYLBENZENE	0.8099	0.7498
XYLENE	3.1255	2.8938
TOTAL BTEX	8.4188	7.0696

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

	TOTAL SAMPLE	C6+ FRACTION
Specific Gravity (H2O=1) =	0.7534	0.7567 60/60
API Gravity =	56.32	55.5 60/60
Molecular Weight =	114.67	116.793
Absolute Density =	6.28	6.31 LBS/GAL
Heating Value Liq. Idl Gas=	127330	128033 BTU/GAL
Vapor/Liquid =	20.91	20.65 CUFT/GAL
Vapor Pressure =	9.74	1.55 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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