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EXTENDED GAS ANALYSIS

SAMPLE DATA

PROJECT NO.....	OG-2019-0038	SAMPLE ID.....	HP Sep Gas
COMPANY NAME.....	Extraction Oil and Gas	ANALYSIS DATE.....	2/15/2019
SITE.....	Gardner Federal	SAMPLE DATE.....	2/11/2019
UNIT ID.....	Gardner Federal	CYLINDER NO.....	GV-81
SAMPLED BY.....	AJM	LAB ANALYST.....	CLB

FIELD DATA

SAMPLE PRESSURE.....	115 psig	SAMPLE TEMP.....	90 F
AMBIENT PRESSURE.....	11.9 psi	AMBIENT TEMP.....	35 F

COMMENTS:

LABORATORY DATA

COMPONENT	MOLE %	WT%	GPM
HYDROGEN SULFIDE.....	0.0000	0.0000	0.0000
CARBON DIOXIDE.....	2.7123	4.9341	0.4639
NITROGEN.....	1.3505	1.5638	0.1489
METHANE.....	70.6369	46.8403	12.0003
ETHANE.....	10.0371	12.4751	2.6899
PROPANE.....	8.8491	16.1292	2.4431
ISOBUTANE.....	0.8745	2.1009	0.2868
N-BUTANE.....	2.9921	7.1887	0.9453
ISOPENTANE.....	0.5686	1.6957	0.2084
N-PENTANE.....	0.7224	2.1545	0.2624
CYCLOPENTANE.....	0.0669	0.1939	0.0198
N-HEXANE.....	0.1783	0.6352	0.0735
CYCLOHEXANE.....	0.0494	0.1719	0.0168
OTHER HEXANES.....	0.3213	1.1446	0.1324
HEPTANES.....	0.1683	0.6971	0.0778
METHYLCYCLOHEXANE.....	0.0638	0.2589	0.0257
2,2,4 TRIMETHYLPENTANE.....	0.0001	0.0005	0.0001
BENZENE.....	0.0261	0.0844	0.0073
TOLUENE.....	0.0314	0.1196	0.0105
ETHYLBENZENE.....	0.0074	0.0323	0.0028
XYLENES.....	0.0198	0.0870	0.0077
OCTANES.....	0.1178	0.5561	0.0604
NONANES.....	0.0280	0.1484	0.0158
DECANES.....	0.1213	0.7132	0.0746
SUBTOTAL	99.9435	99.9252	19.9743
OXYGEN/ARGON	0.0565	0.0748	0.0050
TOTAL	100.00	100.00	19.98

BTU @

MOLECULAR WEIGHT.....	24.1927	NET DRY REAL	1233.8515 /scf
RELATIVE DENSITY (AIR=1).....	0.8353		
COMPRESSIBILITY FACTOR.....	0.9953	GROSS DRY REAL	1361.4102 /scf
		GROSS WET REAL	1338.2196 /scf