



**Natural Gas Analysis Report**  
GPA 2172-09/API 14.5 Report with GPA 2145-16 Physical Properties

Sample Information	
Sample Name	CEDAR CANYON 22_15 FEE 33H GAS LIFT
Technician	ANTHONY DOMINGUEZ
Analyzer Make & Model	INFICON MICRO GC
Last Calibration/Validation Date	03-02-2023
Meter Number	148811
Air temperature	73
Flow Rate (MCF/Day)	1515.5
Heat Tracing	Heated Hose & Gasifier
Sample description/mtr name	CEDAR CANYON 22_15 FEE 33H GAS LIFT
Sampling Method	fill and empty
Operator	OCCIDENTAL PETROLEUM
State	New Mexico
Region Name	PERMIAN_RESOURCES
Asset	NEW MEXICO
System	WEST
FLOC	OP-L0933-WELLS-WPI-0000003
Sample Sub Type	GAS LIFT
Sample Name Type	WELL
Vendor	AKM MEASUREMENT
Cylinder #	1080
Sampled by	JONATHAN ALDRICH
Sample date	2-28-2023
Analyzed date	3-2-2023
Method Name	C9
Injection Date	2023-03-02 15:03:54
Report Date	2023-03-02 15:07:42
EZReporter Configuration File	1-16-2023 OXY GPA C9+ H2S #2.cfgx
Source Data File	1684c4f1-ec2a-4687-a6cc-3e9c3e8c43aa
NGA Phys. Property Data Source	GPA Standard 2145-16 (FPS)
Data Source	INFICON Fusion Connector

**Component Results**

Component Name	Peak Area	Raw Amount	Response Factor	Norm Mole%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	21747.4	1.2257	0.00005636	1.2234	0.0	0.01183	0.135
Methane	1061797.0	77.7934	0.00007327	77.6530	786.1	0.43012	13.208
CO2	7592.8	0.3588	0.00004726	0.3582	0.0	0.00544	0.061
Ethane	265027.0	12.0606	0.00004551	12.0388	213.5	0.12499	3.230
H2S	0.0	0.0000	0.00000000	0.0000	0.0	0.00000	0.000
Propane	174241.1	5.7096	0.00003277	5.6993	143.7	0.08677	1.575
iso-butane	64363.2	0.7153	0.00001111	0.7140	23.3	0.01433	0.234
n-Butane	144707.5	1.5895	0.00001098	1.5867	51.9	0.03184	0.502
iso-pentane	28843.7	0.2802	0.00000971	0.2797	11.2	0.00697	0.103
n-Pentane	30052.1	0.2846	0.00000947	0.2840	11.4	0.00707	0.103
hexanes	13319.0	0.1012	0.00000760	0.1010	4.8	0.00301	0.042
heptanes	7390.0	0.0462	0.00000624	0.0461	2.5	0.00159	0.021
octanes	2548.0	0.0142	0.00000558	0.0142	0.9	0.00056	0.007
nonanes+	255.0	0.0016	0.00000619	0.0016	0.1	0.00007	0.001
Total:		100.1808		100.0000	1249.5	0.72460	19.223

**Results Summary**

Result	Dry	Sat.
Total Un-Normalized Mole%	100.1808	
Pressure Base (psia)	14.730	
Temperature Base (Deg. F)	60.00	
Flowing Temperature (Deg. F)	76.0	
Flowing Pressure (psia)	1251.0	

Result	Dry	Sat.	
Gross Heating Value (BTU / Ideal cu.ft.)	1249.5	1227.8	
Gross Heating Value (BTU / Real cu.ft.)	1254.0	1232.6	
Relative Density (G), Real	0.7269	0.7254	

### Monitored Parameter Report

Parameter	Value	Lower Limit	Upper Limit	Status	
Total un-normalized amount	100.1808	97.0000	103.0000	Pass	