



Well Name: UPTEGROVE GC 1A ; BHD
 API #: API # 300452214200
 Source: BRADENHEAD
 Sample Type: GAS
 Analysis No: SO200227
 Cust No: 15950-12495

Well/Lease Information

Customer Name:	BP - SOUTH BHD PROJECT	Source:	BRADENHEAD
Well Name:	UPTEGROVE GC 1A ; BHD	Well Flowing:	Y
County/State:	SAN JUAN NM	Pressure:	37 PSIG
Location:		Flow Temp:	DEG. F
Lease/PA/CA:		Ambient Temp:	84 DEG. F
Formation:		Flow Rate:	MCF/D
Cust. Stn. No.:	API # 300452214200 89915	Sample Method:	Purge & Fill
		Sample Date:	09/24/2020
		Sample Time:	4.45 PM
		Sampled By:	ERIK SHAW
		Sampled by (CO):	ABC
Heat Trace:	N		
Remarks:			

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	72.2956	2.4240	7.9610	0.00	0.6992
CO2	0.3818	0.0128	0.0650	0.00	0.0058
Methane	23.4334	0.7857	3.9760	236.68	0.1298
Ethane	0.2058	0.0069	0.0550	3.64	0.0021
Propane	0.6412	0.0215	0.1770	16.13	0.0098
Iso-Butane	0.0000	0.0000	0.0000	0.00	0.0000
N-Butane	0.0537	0.0018	0.0170	1.75	0.0011
I-Pentane	0.0656	0.0022	0.0240	2.62	0.0016
N-Pentane	0.0537	0.0018	0.0190	2.15	0.0013
Hexane Plus	2.8692	0.0962	1.2810	151.24	0.0950
Total	100.0000	3.3529	13.5750	414.22	0.9457

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0012	CYLINDER #:	1036
BTU/CU.FT IDEAL:	415.2	CYLINDER PRESSURE:	26 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	415.7	ANALYSIS DATE:	10/05/2020
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	408.5	ANALYSIS TIME:	09:33:58 AM
DRY BTU @ 15.025:	424.0	ANALYSIS RUN BY:	SHYANN ELLEDGE
REAL SPECIFIC GRAVITY:	0.9465		

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.

GPA Standard: GPA-2261

GC: Danalyzer Model 500 Last Cal/Verify: 10/08/2020

GC Method: C6+ Gas



BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

Lease:	UPTEGROVE GC 1A ; BHD	BRADENHEAD	10/08/2020
Stn. No.:	API #		15950-12495
Mtr. No.:	89915		

Smpl Date: 09/24/2020
Test Date: 10/05/2020
Run No: SO200227

Nitrogen: 72.2956
CO2: 0.3818
Methane: 23.4334
Ethane: 0.2058
Propane: 0.6412
I-Butane: 0.0000
N-Butane: 0.0537
I-Pentane: 0.0656
N-Pentane: 0.0537
Hexane+: 2.8692

BTU: 415.7
GPM: 13.5750
SPG: 0.9465

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District III
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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 17980

CONDITIONS OF APPROVAL

Operator:				OGRID:	Action Number:	Action Type:
SIMCOE LLC	1199 Main Ave., Suite 101	Durango, CO81301		329736	17980	GAS ANALYSIS
OCD Reviewer				Condition		
mkuehling				None		