MANLEY GAS TESTING, INC.

P.O. DRAWER 193 ODESSA, TEXAS 79760
OFFICE(432)367-3024 FAX(432)367-1166 E-MAIL: MANLEYGAST@AOL.COM

CHARGE..... 99 - 1
REC. NO. 0
TEST NUMBER.. 14050

DATE SAMPLED..... 05-10-21
DATE RUN..... 05-10-21
EFFEC. DATE..... --

STATION NO. ... 8101020

SAMPLE NAME.... HADES 3-5H HCC4M
RECEIVED FROM.. CHARTS LTD.
LOCATION ..... MIDLAND TEXAS

FLOWING PRESSURE ..... 81 PSIG

FLOWING TEMPERATURE ..... 94 F

SAMPLED BY: JL

CYLINDER NO. ...

FRACTIONAL ANALYSIS
CALCULATED @ 14.650 PSIA AND 60F

	MOL%	GPM (REAL)
HYDROGEN SULFIDE...	0.000	
NITROGEN.....	1.511	
CARBON DIOXIDE.....	0.193	
METHANE.....	71.924	
ETHANE.....	13.768	3.6773
PROPANE.....	7.359	2.0248
ISO-BUTANE.....	0.980	0.3203
NOR-BUTANE.....	2.291	0.7214
ISO-PENTANE.....	0.533	0.1947
NOR-PENTANE.....	0.553	0.2002
HEXANES +.....	0.888	0.3870
TOTALS	100.000	7.5257

'Z' FACTOR (DRY) = 0.9956
'Z' FACTOR (WET) = 0.9952

..CALCULATED SPECIFIC GRAVITIES..

IDEAL, DRY..... 0.7922
IDEAL, WET 0.7892
REAL, DRY 0.7954
REAL, WET 0.7927

..CALCULATED GROSS HEATING VALUES..

BTU/CF - IDEAL, DRY 1346.7
BTU/CF - IDEAL, WET 1324.0
BTU/CF - REAL, DRY 1352.7
BTU/CF - REAL, WET 1330.4

DISTRIBUTION AND REMARKS:

ANALYZED BY: CM

APPROVED: MC

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CHARGE..... 99 - 1
REC. NO. 0
TEST NUMBER.. 14051

DATE SAMPLED..... 05-10-21
DATE RUN..... 05-10-21
EFFEC. DATE..... --

STATION NO. ...

SAMPLE NAME.... HADES 3H
RECEIVED FROM.. CHARTS LTD.
LOCATION ..... MIDLAND TEXAS

FLOWING PRESSURE ..... 98 PSIG

FLOWING TEMPERATURE ..... 95 F

SAMPLED BY: JL

CYLINDER NO. ...

FRACTIONAL ANALYSIS
CALCULATED @ 14.650 PSIA AND 60F

	MOL%	GPM (REAL)
HYDROGEN SULFIDE...	0.000	
NITROGEN.....	1.426	
CARBON DIOXIDE.....	0.209	
METHANE.....	71.381	
ETHANE.....	14.049	3.7524
PROPANE.....	7.560	2.0801
ISO-BUTANE.....	1.011	0.3305
NOR-BUTANE.....	2.369	0.7459
ISO-PENTANE.....	0.548	0.2002
NOR-PENTANE.....	0.567	0.2053
HEXANES +.....	0.880	0.3835
TOTALS	100.000	7.6979

'Z' FACTOR (DRY) = 0.9956
'Z' FACTOR (WET) = 0.9952

..CALCULATED SPECIFIC GRAVITIES..

IDEAL, DRY..... 0.7972
IDEAL, WET 0.7941
REAL, DRY 0.8004
REAL, WET 0.7976

..CALCULATED GROSS HEATING VALUES..

BTU/CF - IDEAL, DRY 1355.5
BTU/CF - IDEAL, WET 1332.7
BTU/CF - REAL, DRY 1361.5
BTU/CF - REAL, WET 1339.1

DISTRIBUTION AND REMARKS:

ANALYZED BY: CM

APPROVED:

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ODESSA, TEXAS 79760
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CHARGE..... 99 - 1
REC. NO. 0
TEST NUMBER.. 14052

DATE SAMPLED..... 05-10-21
DATE RUN..... 05-10-21
EFFEC. DATE..... --

STATION NO. ...

SAMPLE NAME.... HADES 5H
RECEIVED FROM.. CHARTS LTD.
LOCATION ..... MIDLAND TEXAS

FLOWING PRESSURE ..... 101 PSIG

FLOWING TEMPERATURE ..... 98 F

SAMPLED BY: JL

CYLINDER NO. ...

FRACTIONAL ANALYSIS
CALCULATED @ 14.650 PSIA AND 60F

	MOL%	GPM (REAL)
HYDROGEN SULFIDE...	0.000	
NITROGEN.....	1.582	
CARBON DIOXIDE.....	0.176	
METHANE.....	72.611	
ETHANE.....	13.424	3.5848
PROPANE.....	7.176	1.9740
ISO-BUTANE.....	0.963	0.3146
NOR-BUTANE.....	2.247	0.7074
ISO-PENTANE.....	0.516	0.1884
NOR-PENTANE.....	0.531	0.1922
HEXANES +.....	0.774	0.3374
TOTALS	100.000	7.2988

'Z' FACTOR (DRY) = 0.9958
'Z' FACTOR (WET) = 0.9954

..CALCULATED SPECIFIC GRAVITIES..

IDEAL, DRY..... 0.7842
IDEAL, WET 0.7814
REAL, DRY 0.7872
REAL, WET 0.7847

..CALCULATED GROSS HEATING VALUES..

BTU/CF - IDEAL, DRY 1333.6
BTU/CF - IDEAL, WET 1311.1
BTU/CF - REAL, DRY 1339.2
BTU/CF - REAL, WET 1317.2

DISTRIBUTION AND REMARKS:

ANALYZED BY: CM

APPROVED:

Hades Flare
7/8/2021
Gas Volumes are reported 1 day late

CHART TABLE

Property Yesterday DOWNLOAD CSV Date Range 30 days Sta... 06/12/2021 10:41 AM End 07/12/2021 10:41 AM

TimeStamp	Yesterday (mcf)
7/9/21 6:02 PM	2,591.58
7/9/21 5:02 PM	2,591.58
7/9/21 4:02 PM	2,591.58
7/9/21 3:02 PM	2,591.58
7/9/21 2:02 PM	2,591.58
7/9/21 1:02 PM	2,591.58
7/9/21 12:02 PM	2,591.58
7/9/21 11:02 AM	2,591.58
7/9/21 10:02 AM	2,591.58
7/9/21 9:02 AM	2,591.58
7/9/21 8:02 AM	2,591.58
7/9/21 7:02 AM	2,591.58
7/9/21 6:02 AM	2,591.58
7/9/21 5:02 AM	2,591.58

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
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

QUESTIONS

Action 36002

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 36002
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Determination of Reporting Requirements	
Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide addional guidance.	
Was or is this venting or flaring caused by an emergency or malfunction	No
Did or will this venting or flaring last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a notification of a major venting or flaring	**Yes, major venting or flaring of natural gas.**
The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.	
Was there or will there be **at least 50 MCF** of natural gas vented or flared during this event	Yes
Did this venting or flaring result in the release of **ANY** liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water	No

Unregistered Facility Site	
Please provide the facility details, if the venting or flaring occurred or is occuring at a facility that does not have an Facility ID (f#) yet.	
Facility or Site Name	Hades CTB
Facility Type	Flare Stack - (FS)

Equipment Involved	
Primary Equipment Involved	Pipeline (Any)
Additional details for Equipment Involved. Please specify	*Not answered.*

Representative Compositional Analysis of Vented or Flared Natural Gas	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	72
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	0
Oxygen (02) percentage, if greater than one percent	0
If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.	
Methane (CH4) percentage quality requirement	*Not answered.*
Nitrogen (N2) percentage quality requirement	*Not answered.*
Hydrogen Sufide (H2S) PPM quality requirement	*Not answered.*
Carbon Dioxide (C02) percentage quality requirement	*Not answered.*
Oxygen (02) percentage quality requirement	*Not answered.*

Date(s) and Time(s)	
Date venting or flaring was discovered or commenced	07/08/2021
Time venting or flaring was discovered or commenced	12:00 AM
Is the venting or flaring event complete	No
Date venting or flaring was terminated	07/08/2021
Time venting or flaring was terminated	11:59 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	24
Longest duration of cumulative hours within any 24-hour period during this event	24

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	Cause: Normal Operations | Pipeline (Any) | Natural Gas Flared | Spilled: 2,592 Mcf | Recovered: 0 Mcf | Lost: 2,592 Mcf]
Other Released Details	*Not answered.*
Additional details for Measured or Estimated Volume(s). Please specify	*Not answered.*
Is this a gas only submission (i.e. only Mcf values reported)	**Yes, according to supplied volumes this appears to be a "gas only" report.**

Venting or Flaring Resulting from Downstream Activity	
Was or is this venting or flaring a result of downstream activity	Yes
Date notified of downstream activity requiring this venting or flaring	*Not answered.*
Time notified of downstream activity requiring this venting or flaring	*Not answered.*

Steps and Actions to Prevent Waste

For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	No sales line ACO
Steps taken to limit the duration and magnitude of venting or flaring	Install sales line
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Install sales line

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CONDITIONS

Action 36002

CONDITIONS

Operator:	OGRID:
BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	260297
	Action Number: 36002
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
system	If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event.	7/12/2021