

## MANLEY GAS TESTING, INC.

P.O. DRAWER 193  
OFFICE(432)367-3024

FAX(432)367-1166

ODESSA, TEXAS 79760  
E-MAIL: MANLEYGAST@AOL.COMCHARGE..... 99 - 1  
REC. NO. .... 0  
TEST NUMBER.. 14050DATE 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: 

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E-MAIL: MANLEYGAST@AOL.COMCHARGE..... 99 - 1  
REC. NO. .... 0  
TEST NUMBER.. 14051DATE SAMPLED..... 05-10-21  
DATE RUN..... 05-10-21  
EFFECT. 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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E-MAIL: MANLEYGAST@AOL.COMCHARGE..... 99 - 1  
REC. NO. .... 0  
TEST NUMBER.. 14052DATE 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

## 7/14/2021

### Gas Volumes are reported 1 day late

CHART		TABLE	
Property	Yesterday	DOWNLOAD CSV	Date Range
	<input type="button" value="30 days"/>		
Sta...	06/20/2021 08:31 AM		
End	07/20/2021 08:31 AM		
TimeStamp		Yesterday ( mcf)	
7/15/21 11:02 PM		2,564.02	
7/15/21 10:02 PM		2,564.02	
7/15/21 9:02 PM		2,564.02	
7/15/21 8:02 PM		2,564.02	
7/15/21 7:02 PM		2,564.02	
7/15/21 6:02 PM		2,564.02	
7/15/21 5:02 PM		2,564.02	
7/15/21 4:02 PM		2,564.02	
7/15/21 3:02 PM		2,564.02	
7/15/21 2:02 PM		2,564.02	
7/15/21 1:02 PM		2,564.02	
7/15/21 12:02 PM		2,564.02	
7/15/21 11:02 AM		2,564.02	
7/15/21 10:02 AM		2,564.02	

**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 37121

**QUESTIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 37121
	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 additional 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 19.13.297 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 occurring at a facility that does not have an Facility ID (##) 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 (CO2) percentage, if greater than one percent	0
Oxygen (O2) 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 Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

**Date(s) and Time(s)**

Date venting or flaring was discovered or commenced	07/14/2021
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	07/14/2021
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: 2,564 Mcf   Recovered: 0 Mcf   Lost: 2,564 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**

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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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State of New Mexico  
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CONDITIONS  
  
Action 37121

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 37121
	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.	7/20/2021