

MANLEY GAS TESTING, INC.

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

FAX(432)367-1166

ODESSA, TEXAS 79760  
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:



# MANLEY GAS TESTING, INC.

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

FAX (432) 367-1166

ODESSA, TEXAS 79760  
E-MAIL: MANLEYGAST@AOL.COM

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:



# MANLEY GAS TESTING, INC.

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

FAX (432) 367-1166

ODESSA, TEXAS 79760  
E-MAIL: MANLEYGAST@AOL.COM

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 Gas Meter

3/21/2022

76

**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**

DEFINITIONS

Action 95676

**DEFINITIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 95676
	Action Type: [C-129] Venting and/or Flaring (C-129)

**DEFINITIONS**

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:

- this application's operator, hereinafter "this operator";
- venting and/or flaring, hereinafter "vent or flare";
- any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";
- the statements in (and/or attached to) this, hereinafter "the statements in this";
- and the past tense will be used in lieu of mixed past/present tense questions and statements.

**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 95676

**QUESTIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 95676
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

<b>Prerequisites</b>	
<i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	Not answered.
Incident Facility	[fAPP2129830547] Hades

<b>Determination of Reporting Requirements</b>	
<i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
Was this vent or flare caused by an emergency or malfunction	Yes
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a vent or flare event	Yes, minor venting and/or flaring of natural gas.
<i>An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.</i>	
Was there at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this vent or flare 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
Was the vent or flare within an incorporated municipal boundary or within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

<b>Equipment Involved</b>	
Primary Equipment Involved	Gas Plant
Additional details for Equipment Involved. Please specify	Not answered.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
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
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
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.

**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 (continued)**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 95676
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	03/21/2022
Time vent or flare was discovered or commenced	11:00 AM
Time vent or flare was terminated	02:00 PM
Cumulative hours during this event	3

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure   Pipeline (Any)   Natural Gas Flared   Released: 76 Mcf   Recovered: 0 Mcf   Lost: 76 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 significant Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

Venting or Flaring Resulting from Downstream Activity	
Was this vent or flare a result of downstream activity	Yes
Was notification of downstream activity received by this operator	No
Downstream OGRID that should have notified this operator	[327139] SENDERO CARLSBAD MIDSTREAM LLC
Date notified of downstream activity requiring this vent or flare	Not answered.
Time notified of downstream activity requiring this vent or flare	Not answered.

Steps and Actions to Prevent Waste	
For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control.	True
Please explain reason for why this event was beyond this operator's control	Unexpected increase in line pressure
Steps taken to limit the duration and magnitude of vent or flare	Working with Purchaser to fix issues
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Working with Purchaser to fix issues

**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**

ACKNOWLEDGMENTS

Action 95676

**ACKNOWLEDGMENTS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 95676
	Action Type: [C-129] Venting and/or Flaring (C-129)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a <b>complete</b> C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
<input checked="" type="checkbox"/>	I hereby certify the statements in this report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.
<input checked="" type="checkbox"/>	I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.
<input checked="" type="checkbox"/>	I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.



**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**

CONDITIONS  
 Action 95676

**CONDITIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 95676
	Action Type: [C-129] Venting and/or Flaring (C-129)

**CONDITIONS**

Created By	Condition	Condition Date
vanessa king	If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	4/4/2022