# **Targa Pipeline Company**

# **Monthly Meter Analysis** February 2022

Meter #: 916 Name: W.A. St. Sample

Date: 04/08/2021

Type: Spot

Pressure: 30.0 H2O;

Temperature: 48.0 H2S: 1,988 ppm

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	1.3884		2.6201
Nitrogen, N2	2.7719		3.3297
Methane, C1	71.1904		48.9729
Ethane, C2	11.1730	2.9836	14.4062
Propane, C3	7.6454	2.1032	14.4563
Isobutane, iC4	0.9856	0.3220	2.4564
n-Butane, nC4	2.6974	0.8491	6.7228
Isopentane, iC5	0.6077	0.2219	1.8801
n-Pentane, nC5	0.6401	0.2317	1.9803
Hexanes Plus, C6+	0.7013	0.3125	2.8847
Argon, Ar Carbon Monoxide, CO Hydrogen, H2 Oxygen, O2 Helium, He Water, H2O			
Hydrogen Sulfide, H2S	0.1988		0.2905
Totals	100.0000	7.0240	100.0000

Property	Total Sample
Pressure Base Temperature Base Relative Density HV, Dry @ Base P, T HV, Sat @ Base P, T HV, Sat @ Sample P, T Cricondentherm HCDP @ Sample Pressure Full Wellstream Free Water Condensate 26 # RVP Gasoline Testcar Permian Testcar Panhandle Testcar Midcon	14.650 60.00 0.8083 1318.82 1295.74 1.142 0.828 0.864 0.864

\*\*\* End of Report \*\*\*

SPERIOR BATTERY																														
Feb-23																														
to	GAS						OIL						WATER			DISF	OSAL			S	SALES					AVO				
Ima	FLOW TIME SOS	METER READING	DAILY VOLUME	TANK SIZE BBLs per Inch	535 2.79 3388		K SIZE 53 s per Inch 2.7 13389		TOTAL VOLUME	DAILY VOLUME	WTR / BOTTOMS PULLED	TANK SIZE BBLs per Inc	210 ch 3.00 WTR TANK	TOTAL VOLUME	DAILY VOLUME	METER READING	VOLUME	TANK#	TICKET#	START (	GAUGE	END GAUGE	SOLD VOLUME	AVO Y/N	VOLUME VENTED	VOLUME USED	COMMENTS			
TBG PSI CSG PSI LINE PSI	HRS TEMP COE	MCF	MCF	FEET INC	HES VOLU	IME FE	ET INCHES V	OLUME	BBLS	BBLS	BBLS	FEET	INCHES VOLUME	BBLS	BBLS	BBLS	BBLS			FEET	INCHES FE	EET INCHES	BBLS						FLOV	WTIME
See .				5 10	0.00 195	.30 1	13 0.00	433.68	628.98				0.00	0.00															SUPERIOR 2	SUPERIOR 5
20			21	6 2	.00 206	.46 1	13 0.00	433.68	640.14	11.16			0.00	0.00	0.00		65.00							Y					24	24
<i>♣</i>			21	6 7	.00 220	.41 1	13 0.00	433.68	654.09	13.95			0.00	0.00	0.00		67.00												24	24
No.			21		.00 234			433.68	668.04	13.95			0.00	0.00	0.00		68.00												24	24
9			21	7 4	.00 245	.52 1		433.68	679.20	11.16			0.00	0.00	0.00		69.00												24	24
20			20		.00 256			433.68	690.36	11.16			0.00	0.00	0.00		70.00												24	24
92			21		.00 267			433.68	701.52	11.16			0.00	0.00	0.00		66.00												24	24
ζ,			21		.00 279			433.68	712.68	11.16			0.00	0.00	0.00		65.00										***************************************		24	24
180			20		.00 290			248.81	538.97	12.10			0.00	0.00	0.00		67.00	13,389	4,047,957	13	0.00	7 5.50	185.81						24	24
ತ			21		.00 301			248.81	550.13	11.16			0.00	0.00	0.00		66.00										***************************************		24	24
10			19	_	.00 301			255.76	557.08	6.95			0.00	0.00	0.00		68.00												24	24
<b>\$</b>			0		.00 301			266.88	568.20	11.12			0.00	0.00	0.00		64.00								18.00		***************************************	Gas venting	24	24
*			0		.00 301			278.00	579.32	11.12			0.00	0.00	0.00		63.00								18.00			Gas venting	24	24
70			0		.00 301			289.12	590.44	11.12			0.00	0.00	0.00		66.00								18.00			Gas venting	24	24
			0		.00 301			300.24	601.56	11.12			0.00	0.00	0.00		67.00								18.00			Gas venting	24	24
15"			0		.00 301			311.36	612.68	11.12			0.00	0.00	0.00		62.00								18.00			Gas venting	24	24
16			0		.00 301			322.48	623.80	11.12			0.00	0.00	0.00		60.00								18.00			Gas venting	24	24
17			0		.00 301			333.60	634.92	11.12			0.00	0.00	0.00		55.00								16.00			Gas venting	24	24
18			0		.00 301			344.72	646.04	11.12			0.00	0.00	0.00		57.00		-						16.00			Gas venting	24	24
19			0	_	.00 301			355.84	657.16	11.12			0.00	0.00	0.00		53.00								16.00			Gas venting	24	24
20			0		.00 301			366.96	668.28	11.12			0.00	0.00	0.00		52.00								16.00			Gas venting	24	24
21			0	_	.00 301			378.08	679.40	11.12			0.00	0.00	0.00		55.00		-						16.00			Gas venting	24	24
22			0		.00 301			389.20	690.52	11.12			0.00	0.00	0.00		51.00								16.00			Gas venting	24	24
23			0		.00 301			218.23	519.55	14.83			0.00	0.00	0.00		49.00	13,389	4,066,059	12	1.00	6 6.50	185.80	-	16.00			Gas venting	24	24
24			0		.00 301			219.62	520.94	1.39			0.00	0.00	0.00		50.00								16.00			Gas venting	24	24
25			0		.00 301			230.74	532.06	11.12			0.00	0.00	0.00		55.00								16.00			Gas venting	24	24
26			0		.00 301			241.86	543.18	11.12			0.00	0.00	0.00		58.00								16.00			Gas venting	24	24
			0	_	.00 301			252.98	554.30	11.12			0.00	0.00	0.00		57.00								13.00			Gas venting Hot Watered well	24	24
28			0	9 0	.00 301			266.88	568.20	13.90			0.00	0.00	0.00		62.00								15.00			Gas venting	24	24
					0.0			0.00	0.00	-568.20			0.00	0.00	0.00	-									-					<b> </b>
30 END	0				0.0			0.00	0.00	0.00			0.00	0.00	0.00			***************************************	<u> </u>		·····						***************************************		28	28
LND		70741							70741					7074		<del></del>						TOTAL				-			20	20
		TOTAL	206						TOTAL	311				TOTAL	0	TOTAL	1,707					TOTAL	371.61							
		AVERAGE	21						AVERAGE	11				AVERAGE	#DIV/0!	AVERAGE	61					AVERAGE	186							
WELLS INCLUDED IN BATTERY:	STATUS:			DOWN TIME F	OR MONTH (	HRS / DAYS	5):									1														
SUPERIOR WA STATE 02 ***																												<del>-</del>		
SUPERIOR WA STATE 05																														

\*\*\* per JMT 3/31, Superior 2 flows gas up the casing to keep off of the NM SI list; pumping unit is off but still produces gas

S	ERIOR BAT	TERY																													
- 2	Mar-23																								•				<u>-</u>		
8			GAS						C	OIL				WATER			DISP	OSAL			SA	ALES					AVO				
) Im				METER READING	DAILY	TANK SIZE BBLs per Inch	535 2.79	TANK S BBLs pe		530 2.78	TOTAL VOLUME	DAILY VOLUME	WTR / BOTTOMS	TANK SIZE 210 BBLs per Inch 3.00	TOTAL VOLUME	DAILY VOLUME	METER READING	VOLUME	TANK#	TICKET #	START GA	AUGE EI	ND GAUGE	SOLD VOLUME	AVO Y/N	VOLUME	VOLUME	COMMENTS			
	TBG PSI CSG P	PSI LINE PSI FLOW HRS	TEMP COEFF				13388		13389				PULLED	WTR TANK					TAINK#	IICKEI #					AVO 1/N	VENTED	USED	COMMENTS			
		nns		MCF	MCF		CHES VOLU		INCHES		BBLS	BBLS	BBLS	FEET INCHES VOLUME		BBLS	BBLS	BBLS			FEET	INCHES FEE	ET INCHES	BBLS						FLOWT SUPERIOR 2	
00					0		0.00 301. 0.00 301.			÷	568.20	13.90		0.00	0.00	0.00		61.00								16.00			Gas venting	24	24
• 4					0		0.00 301.			÷	582.10 596.00	13.90		0.00	0.00	0.00		67.00	***************************************							15.00			Gas venting Gas venting	24	24
					0		0.00 301.			-	607.12	11.12		0.00	0.00	0.00		60.00								13.00			Gas venting	24	24
- 3					0		0.00 301.			A	615.46	8.34		0.00	0.00	0.00		66.00	***************************************							13.00			Gas venting	24	24
×					0		0.00 301.			325.26	626.58	11.12		0.00	0.00	0.00		68.00								14.00			Gas venting	24	24
- 8					0		0.00 301.			333.60	634.92	8.34		0.00	0.00	0.00		64.00								13.00			Gas venting	24	24
- 3					0		0.00 301.				643.26	8.34		0.00	0.00	0.00		66.00								14.00			Gas venting	24	24
18					0		0.00 301.			347.50	648.82	5.56		0.00	0.00	0.00		63.00	***************************************								***************************************			24	24
g					6	9 (	0.00 301.	.32 10		353.06	654.38	5.56		0.00	0.00	0.00		60.00												24	24
140					8	9 (	0.00 301.	.32 10	9.00	358.62	659.94	5.56		0.00	0.00	0.00		58.00	***************************************											24	24
4					8	9 (	0.00 301.	.32 10	11.00	364.18	665.50	5.56		0.00	0.00	0.00		55.00												24	24
4					7	9 (	0.00 301.	.32 11	1.00	369.74	671.06	5.56		0.00	0.00	0.00		56.00	***************************************						***************************************					24	24
Page 1	1				8	9 (	0.00 301.	.32 11	4.00	378.08	679.40	8.34		0.00	0.00	0.00		54.00												24	24
3					7	9 (	0.00 301.	.32 11	7.00	386.42	687.74	8.34		0.00	0.00	0.00		58.00												24	24
15	1				7	9 (	0.00 301.	.32 11	10.00	394.76	696.08	8.34		0.00	0.00	0.00		55.00												24	24
16					11	9 (	0.00 301.	.32 12	0.00	400.32	701.64	5.56		0.00	0.00	0.00		58.00												24	24
17					12	9 (	0.00 301.	.32 12	2.00	405.88	707.20	5.56		0.00	0.00	0.00		57.00												24	24
18					14	9 (	0.00 301.	.32 12	4.00	411.44	712.76	5.56		0.00	0.00	0.00		56.00												24	24
19					13	9 (	0.00 301.	.32 6	11.50	232.13	533.45	6.61		0.00	0.00	0.00		55.00	13,389	4,088,176	12	6.00 6	11.50	185.92						24	24
20					14	9 (	0.00 301.	.32 7	1.00	236.30	537.62	4.17		0.00	0.00	0.00		53.00												24	24
21					15	_	0.00 301.	.32 7		241.86	543.18	5.56		0.00	0.00	0.00		59.00												24	24
22					15		0.00 301.		3.00	÷	548.74	5.56		0.00	0.00	0.00		54.00												24	24
23					21		0.00 301.		7.00	252.98	554.30	5.56		0.00	0.00	0.00		55.00												24	24
24					21		0.00 301.		3.00	-	559.86	5.56		0.00	0.00	0.00		57.00												24	24
25					21		0.00 301.			ļ	565.42	5.56		0.00	0.00	0.00		58.00												24	24
26					21		0.00 301.			269.66	570.98	5.56		0.00	0.00	0.00		57.00												24	24
27					21	_	0.00 301.				576.54	5.56		0.00	0.00	0.00		55.00												24	24
28					21		0.00 301.			280.78	582.10	5.56		0.00	0.00	0.00		55.00												24	24
29					23	_	0.00 301.				587.66	5.56		0.00	0.00	0.00		56.00												24	24
30					25		0.00 301.				593.22	5.56		0.00	0.00	0.00		58.00											***************************************	24	24
31 ENE		0			22	9 (	0.00 301.	.32 8	11.00	297.46	598.78	5.56		0.00	0.00	0.00		56.00												30	30
ENL	<u> </u>										70711				7074		70741	4.040					7074	405.00						30	30
				TOTAL	341						TOTAL	217			TOTAL	0	TOTAL	1,810					TOTAL	185.92							
				/ERAGE	15						AVERAGE	7			AVERAGE	#DIV/0!	AVERAGE	58					AVERAGE	186							
	INCLUDED IN BATTE		STATUS:			DOWN TIME	FOR MONTH (	HRS / DAYS):																							
	IOR WA STATE 02 ***	k																													
SUPER	IOR WA STATE 05																														

\*\*\* per JMT 3/31, Superior 2 flows gas up the casing to keep off of the NM SI list; pumping unit is off but still produces gas

# Superior Battery site map



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

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 209136

#### **DEFINITIONS**

Operator:	OGRID:						
FOUNDATION ENERGY MANAGEMENT, LLC	370740						
5057 KELLER SPRINGS RD	Action Number:						
ADDISON, TX 75001	209136						
	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.

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

QUESTIONS

Action 209136

QI	UESTIONS							
Operator:		OGRID:						
FOUNDATION ENERGY MANAGEMENT, LLC		370740						
5057 KELLER SPRINGS RD ADDISON, TX 75001		Action Number: 209136						
		Action Type: [C-129] Venting and/or Flaring (C-129)						
QUESTIONS		[O 120] Voltaring director Hearing (O 120)						
Prerequisites								
Any messages presented in this section, will prevent submission of this application. Please resolve t	these issues before continuing wit	h the rest of the questions.						
Incident Well	[30-025-31648] SUPERIOR WA STATE #005							
Incident Facility	Unavailable.							
Determination of Reporting Requirements								
Answer all questions that apply. The Reason(s) statements are calculated based on your answers are	nd may provide addional quidance							
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	Yes							
Is this considered a submission for a vent or flare event	Yes, minor venting and/or	flaring of natural gas.						
An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during v								
Was there at least 50 MCF of natural gas vented and/or flared during this event	Yes	and a major of minor release and a recreation relations.						
Did this vent or flare result in the release of <b>ANY</b> 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 withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No							
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	71							
Nitrogen (N2) percentage, if greater than one percent	3							
Hydrogen Sulfide (H2S) PPM, rounded up	1,988							
Carbon Dioxide (C02) percentage, if greater than one percent	1							
Oxygen (02) percentage, if greater than one percent	0							
21/3=11 (1-2)   21-11-11-11-11-11-11-11-11-11-11-11-11-1								
If you are venting and/or flaring because of Pipeline Specification, please provide the required spec								
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.							

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

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, Page 2

Action 209136

# **QUESTIONS** (continued)

Operator:	OGRID:
FOUNDATION ENERGY MANAGEMENT, LLC	370740
5057 KELLER SPRINGS RD ADDISON, TX 75001	Action Number: 209136
	Action Type: [C-129] Venting and/or Flaring (C-129)

#### QUESTIONS

Date(s) and Time(s)											
Date vent or flare was discovered or commenced	02/11/2023										
Time vent or flare was discovered or commenced	08:00 AM										
Time vent or flare was terminated	05:00 PM										
Cumulative hours during this event	600										

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: High Line Pressure   Pipeline (Any)   Natural Gas Vented   Released: 330 Mcf   Recovered: 0 Mcf   Lost: 330 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
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	[270047] DCP MIDSTREAM										
Date notified of downstream activity requiring this vent or flare	Not answered.										
Time notified of downstream activity requiring this vent or flare	Not answered.										

teps 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	We do not own or operate the pipeline.									
Steps taken to limit the duration and magnitude of vent or flare	Gas was turned back in to sales once the line pressure dropped.									
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	None. We do not own or operate the pipeline.									

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

ACKNOWLEDGMENTS

Action 209136

## **ACKNOWLEDGMENTS**

Operator:	OGRID:				
FOUNDATION ENERGY MANAGEMENT, LLC	370740				
5057 KELLER SPRINGS RD	Action Number:				
ADDISON, TX 75001	209136				
	Action Type:				
	[C-129] Venting and/or Flaring (C-129)				

## **ACKNOWLEDGMENTS**

⊽	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 <b>a complete</b> C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
	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.
V	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.
V	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.
V	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.

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

CONDITIONS

Action 209136

# **CONDITIONS**

Operator:	OGRID:
FOUNDATION ENERGY MANAGEMENT, LLC	370740
5057 KELLER SPRINGS RD	Action Number:
ADDISON, TX 75001	209136
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

## CONDITIONS

Created By		Condition Date
jsmith	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.	4/19/2023