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70-616-01	3004508719	FLORANCE E LS	SIN SIN	02	0306	14-Mar-22	01 Apr-22 61	NT	1217	1229		0.714	0.007601	0.819547	0.091074	0.045222	0.006751	0.013141	0.004094	0.00339		0.006621		0.00354	540			0	0 2.4435	1,2502 0	2216 0.41	56 0.1502	0.1223	0.2965
2042402	2004508719	FLORANCE E LS			0306	16Mar-21	01-Apr-21 E	w	1218	1242		0.700	0.007777	0.017000	0.099768	0.04733	0.000000	0.003473	o murra	0.00001		0.005947		0.00236					0 3 4000	1,3048 0		er 0.1470	0.1724	0.7647
70-616-01	JUDESQLTIV	> 17900A77 F F2	i pare	100	13336	16-002-31	DI-Apr-21 ki	All .	1,718	1,743		0.715	0.0017.23	0.917908	G DBANGS	0.04721	GIGDING	0.012473	0.004554	0.00351		0000447		0.00134	av	-	- 0	0	0 2.4005	1.3068 G	2441 0.25	45 0.16.13	G12/6	0.3863
70-616-01	3004508719	FLORANCE E LS	SIN SIN	02	0306	12-Mar-20	01-Apr-20 E1	NT	1196	1217		0.699	0.007048	0.831631	0.087153	0.041235	0.006136	0.011653	0.003598	0.002879		0.005397		0.0023	123			0	0 2.3379	1.1395 0	2014 0.38	85 0.132	0.1025	0.2416
70-616-01	3004508719	FLORANCE E LS	ST SIN	02	0306	07-Mar-19	01-Apr-19 E1	NT	1206	6 1227		0.701	0.002992	0.942392	0.074593	0.039947	0.007187	0.015209	0.00491	0.003324		0.006297		0.00315	150			0	0 2.0011	1.0763 0	2359 0.4	91 0.1901	0.1209	0.2919
2043401	2004508719	FLORANCE E LS				17 Sep-19	01-Oct 18 E		1726	1740					0.102272									0.02316						1.229 0				
70-616-01	JUDESQLTIV	> 17900A77 F F2	i pare	100	13336	17-sep-19	01-00-18(4)	All .	1226	1,766		0.747	V DUDGISHU	0.77790V	0.102273	DISHVIBS	CODESSA	0.014956	CODES	0.000000		000/141		0.00.716	inv	-	- 0	0	D 2.1464	1.279 G	zeev u.e.	21 0.176	0.1421	0.1146
70-616-01	3004508719	FLORANCE E LS	SIN SIN	02	0306	23-Apr-19	01-May-18 E1	NT	1227	1249		0.729	0.007764	0.81529	0.089049	0.049602	0.007155	0.014997	0.00279	0.002279		0.007101		0.00299	274			0	0 23894	13434 0	2349 0.43	64 0.1391	0.1192	0.218
70-616-01		FLORANCE E LS			0306	22 Sep-17	01-Nov-17 E1		1198			0.702	0.007729	0.930043	0.007661	0.041104	0.006052	0.011663	0.003696	0.003209		0.005713		0.0031			0	0		1.1359 0				
70-616-01	2004508719	FLORANCE E LS			0306	07-148-17	01 Aug-17 E1		1225	5 1247		0.718	0.006753	0.912243	0.095441	0.047449	0.006584	0.013245	0.003658	0.003179		0.007196		0.00321			0	0		1.3115 @				
70-616-01		FLORANCE E LS			0306	14-14-16				1223		0.710	0.007213	0.819053	0.093307	0.046398	0.006529	0.013375	0.003579	0.002917		0.005165		0.00346			- 0	0		1,2796 0				
70-616-01		FLORANCE E LS			0306	09-Jun-15	01-346-15 (2)		1200			0.703	9612000	0.925349	0.092977	0.042676	0.005734	0.009971	0.003025	0.002497		0.007472		0.00420				0		1.1794 G				
70-616-01	2004508719	FLORANCE E LS			0306	25-148-14	01 Aug-14 E1	NT	1190	1211		0.693	90900.0	0.939684	0.090303	0.009264	0.00585	0.010971	0.003321	0.002339		0.006711		0.00295			0	0		1.0915 0				
70-616-01	3004508719	FLORANCE E LS	1 SIN	102	0306	21-Jun-13	01-14-12 61	NT	1239	9 1261		0.729	0.007591	0.804106	0.099494	0.048912	0.006749	0.01405	0.003821	0.00328		0.009094		0.00390	83		0	0	0 2.6332	13472 0	2208 0.44	28 0.1400	0.1189	0.4058
70-616-01	3004508719	FLORANCE E LS	1 SIN	102	0306	21-Jun-12	01-846-12 61	NT	1240	1262		0.729	0.00753	0.804482	0.097752	0.048889	0.006996	0.01452	0.004295	0.003906		0.006141		0.00256	98		0	0	0 2.6136	13465 0	2299 0.45	76 0.157	0.1379	0.3622
70-616-01	3004508719	FLORANCE E LS	1 SIN	- 02	0306	20-Dec-11	01-Feb-12-61	NT	1252	1274		0.73	0.007971	0.792149	0.102599	0.052194	0.007202	0.015647	0.004621	0.004099		0.006168		0.0044	16		0	0	0 2.7429	1.4323 0	2356 0.49	22 0.1692	0.1482	0.3654
70-616-01		FLORANCE E LS			10306	19-Aug-10	01-Sep-10/61		1779	1251		0.727	0.002534	0.91760	0.092345	0.0668	0.006764	0.013905	0.004345	0.003439		0.000254		0.00400	192		- 0	0	0 2.7429	1 200 0	2212 0.43	51 0.1515	0.1395	0.1659
2043401	3004508719	FLORANCE E LS			0006	10 Aug-09	01 Sep-09 E1			1229		0.715	0.009607	0.922439	0.009420	0.041393	0.00641	0.01191	0.003965	0.002214		0.002553		0.00304	wil									
2043401		FLORANCE E LS	ti Kin	102	10306	15-Aug-09				1202		0.707	0.000392	0.931093	0.089428	0.000303	0.006333	0.001599	0.003588	0.000015		0.005774		0.00293										

	Time Started	Time Ended	Days	mcf/d	Total volume (mcf)
Fixed on 8/17/22 at 11:45 am MT	7/27/2022 21:00	8/17/2022 11:45	20.61458	250	5153.645833
All times in MDT	112112022 21.00	0/1//2022 11.43	20.01430	230	3133.043633

No. of Hours Venting 494.75

Note: Upon discovery, the vent rate was determined by accessing Hilcorp's SCADA software in order to get the daily vent rate. The information below was pulled from the SCADA software. If additional info is required related to calculation methodologies, please contact Mitch Killough, Environmental Specialist at mkillough@hilcorp.com or via phone at 713-757-5247.

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 135433

#### **DEFINITIONS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	135433
	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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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 **Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

**State of New Mexico Energy, Minerals and Natural Resources**  QUESTIONS

Action 135433

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	1 1 e, 14141 07 303
	UESTIONS
Operator:	OGRID:
HILCORP ENERGY COMPANY 1111 Travis Street	372171
Houston, TX 77002	Action Number: 135433
	Action Type:  [C-129] Venting and/or Flaring (C-129)
QUESTIONS	
Prerequisites	
Any messages presented in this section, will prevent submission of this application. Please resolve	these issues before continuing with the rest of the questions.
Incident Well	Not answered.
Incident Facility	[fAPP2215329266] HOUCK LATERAL
Determination of Reporting Requirements	
Answer all questions that apply. The Reason(s) statements are calculated based on your answers a	nd may provide addional guidance
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, major 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	venting and/or flaring that is or may be a major or minor release under 10.15.20.7 NMAC
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 <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	<del>,</del>
Primary Equipment Involved	Valve
Additional details for Equipment Involved. Please specify	Compressor discharge piston valve
Representative Compositional Analysis of Vented or Flared Natural Gas	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	82
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	1
Oxygen (02) percentage, if greater than one percent	0
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.

Not answered.

Oxygen (02) percentage quality requirement

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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 135433

	QUESTIONS (	(continued)	
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Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	135433
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

#### QUESTIONS

Date(s) and Time(s)					
Date vent or flare was discovered or commenced	08/17/2022				
Time vent or flare was discovered or commenced	11:45 AM				
Time vent or flare was terminated	11:45 AM				
Cumulative hours during this event	495				

Natural Gas Vented (Mcf) Details	Cause: Human Error   Valve   Natural Gas Vented   Released: 5,153 Mcf   Recovered: 0 Mcf   Lost: 5,153 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	No					
Was notification of downstream activity received by this operator	Not answered.					
Downstream OGRID that should have notified this operator	Not answered.					
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	During scheduled leak detection flyovers, Hilcorp was notified on 8/17/2022 of a potential gas leak source at the Houck Lateral (located immediately adjacent to the Florance E LS 1). Upon internal investigation, the venting event was determined to have been venting between 9 pm MT on 7/27/2022 till 11:45 pm MT on 8/17/2022. Total amount vented equated to 5.153 mmscf (250 mcfd).
Steps taken to limit the duration and magnitude of vent or flare	The compressor unit was shut down and the leak was discovered coming from the compressor discharge piston valve cap. Cap was removed, inspected and re-installed. No spilled fluids.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Incorporate outlet volume of site into balancing tool software in order to identify and mitigate gas release events from this site.

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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 135433

### **ACKNOWLEDGMENTS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	135433
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

### **ACKNOWLEDGMENTS**

V	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.
V	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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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** 

CONDITIONS

Action 135433

### **CONDITIONS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	135433
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

### CONDITIONS

Created By	Condition	Condition Date
mkillough	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.	8/18/2022