MANLEY	GAS TE	STING, INC.
P.O. DRAWER 193 OFFICE(432)367-3024	FAX(432)367-11	ODESSA, TEXAS 79760 L66 E-MAIL: MANLEYGAST@AOL.COM
CHARGE 45 - 1 REC. NO 0 TEST NUMBER 11847 SAMPLE TYPE SPOT		DATE SAMPLED 10-22-21 DATE RUN 10-22-21 FROM EFF. DATE 10-01-21 TO EFF. DATE 10-31-21
STATION NO		FLO-CAL ID
SAMPLE NAME WDDU - MEXICO RECEIVED FROM SCOUT ENERGY LOCATION ODESSA TEXAS	J PRODUCTION	GAS
FLOWING PRESSURE	14 PSIG	FLOWING TEMPERATURE 68 F
SAMPLED BY: WS		ANALYZED BY JT
CALCUL MOL%	FRACTIONAL AN ATED @ 14.730 GPM (REAL	PSIA AND 60F
HYDROGENSULFIDE0.5000NITROGEN4.4315CARBONDIOXIDE1.8389METHANE51.1622ETHANE16.9898PROPANE14.2783ISO-BUTANE1.2613NOR-BUTANE5.2584ISO-PENTANE0.8990NOR-PENTANE1.6158HEXANES +1.7648	4.575 3.960 0.416 1.669 0.331 0.590 0.776	H2S PPMV = 5000 'Z' FACTOR (DRY) = 0.9931 'Z' FACTOR (WET) = 0.9926
TOTALS 100.0000	12.317	
CALCULATED SPECIFIC GRAVIT	TIES	CALCULATED GROSS HEATING VALUES
IDEAL, DRY 1.0041 IDEAL, WET 0.9974 REAL, DRY 1.0107 REAL, WET 1.0044		BTU/CF - IDEAL, DRY 1584.1 BTU/CF - IDEAL, WET 1556.4 BTU/CF - REAL, DRY 1595.1 BTU/CF - REAL, WET 1568.0
DISTRIBUTION AND REMARKS:		
J. POOLE(P)		
LOCAL USE ONLY		
ANALYZED BY: JT		APPROVED:

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# MANLEY GAS TESTING, INC.

MANLEY	GAS TES	TING, INC.
P.O. DRAWER 193 OFFICE(432)367-3024	FAX(432)367-116	ODESSA, TEXAS 79760 6 E-MAIL: MANLEYGAST@AOL.COM
CHARGE 45 - 1 REC. NO 0 TEST NUMBER 11848 SAMPLE TYPE SPOT		DATE SAMPLED 10-22-21 DATE RUN 10-22-21 FROM EFF. DATE 10-01-21 TO EFF. DATE 10-31-21
STATION NO		FLO-CAL ID
SAMPLE NAME WDDU - WDDU RECEIVED FROM SCOUT ENERGY LOCATION ODESSA TEXAS		
FLOWING PRESSURE	12 PSIG	FLOWING TEMPERATURE 70 F
SAMPLED BY: WS		ANALYZED BY JT
CALC	FRACTIONAL ANAL JLATED @ 14.730 F	_YSIS PSIA AND 60F
MOL%	GPM (REAL)	
HYDROGEN SULFIDE       1.0000         NITROGEN       3.519         CARBON DIOXIDE       1.3300         METHANE       51.5500         ETHANE       15.721         PROPANE       14.8360         ISO-BUTANE       1.5060         NOR-BUTANE       1.1577         NOR-PENTANE       1.5350         HEXANES +       1.000	5 7 4.234 7 4.116 7 0.497 8 1.838 9 0.426 9 0.561 7 0.901	H2S PPMV = 10000 'Z' FACTOR (DRY) = 0.9927 'Z' FACTOR (WET) = 0.9922
TOTALS 100.000		
CALCULATED SPECIFIC GRAV	ITIES	CALCULATED GROSS HEATING VALUES
IDEAL, DRY 1.0202 IDEAL, WET 1.0132 REAL, DRY 1.0273 REAL, WET 1.0208		BTU/CF - IDEAL, DRY 1626.9 BTU/CF - IDEAL, WET 1598.4 BTU/CF - REAL, DRY 1638.9 BTU/CF - REAL, WET 1611.0
DISTRIBUTION AND REMARKS:		
J. POOLE(P)		
LOCAL USE ONLY		
ANALYZED BY: JT		APPROVED:

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13800 Montfort Dr, Ste. 100 Dallas, TX 75240 972-277-1397 www.scoutep.com

January 9, 2023

Application for Exception to Statewide Rule 19.15.27.G.(a).

Re: Statewide Rule Exception Request Documentation Scout Energy Management LLC. (760218) West Dollarhide Drinkard Unit Central Battery AIRS No. 350252292 Lea County, New Mexico

Scout Energy Management LLC. is submitting a request to amend the flaring event that took place from 03/17 - 03/18/2022 by submitting the flaring ID and volumes flared per Battery. If this is not correct, please send me an email indicating how I should submit the amended flare events to resolve for the Gas Capture Plan.

• WDDU – 348 MCFs

If there are any questions or concerns, please do not hesitate to contact our office.

Regards,

Dorian K. Fuentes <u>dfuentes@scoutep.com</u> (972) 325-1005 13800 Montfort Drive, Ste.100 Dallas, TX 75240



13800 Montfort Dr, Ste. 100 Dallas, TX 75240 972-277-1397 www.scoutep.com

January 9, 2023

EMNRD 1220 South St. Francis Drive Santa Fe, NM 87505

RE: AMEND - Flaring Calculations or Specific Justification for the Volumes.

Scout Energy Management LLC would like to report a flaring event that started at 5:00pm Friday 03/18/2022 and ended at 4:59pm Saturday 03/19/2022.

Calculations were not done as all volumes are true meter readings and are listed below total of 1671 MCF/D per battery.

- Coates ABCD shut in
- GL Erwin Battery 438 MCF
- Mexico J & L Battery 9 5.7 MCF below the minimum
- State BB & L BZ NCT Battery 98 MCF
- West Dollarhide Drinkard Unit Central Battery 348 MCF
- CC Fristoe AAB Federal NCT 1&2 787 MCF

If there are any questions or concerns, please do not hesitate to contact our office.

Regards,

Dorian K. Fuentes <u>dfuentes@scoutep.com</u> (972) 325-1096 13800 Montfort Drive, Ste.100 Dallas, TX 75240 Received by QCD: 1/9/2023 12:36:16 PM



MICHELLE LUJAN GRISHAM GOVERNOR JAMES C. KENNEY CABINET SECRETARY

September 19, 2022

Certified Mail No. 7016 2070 0000 6771 3311 Return Receipt Requested

Glenda De Leon Sr Environmental Specialist Scout Energy Management LLC 13800 Montfort Drive Suite 100 Dallas, TX 75240 Air Quality General Permit GCP-O&G 9731 Agency Interest No. 40625 - PRN20220001 West Dollarhide Drinkard Unit Central Battery AIRS No. 350252292

Dear Glenda De Leon:

This letter is in response to your air quality General Construction Permit - Oil & Gas (GCP-O&G) application dated August 22, 2022 for an oil and gas facility in New Mexico. The application was received by the Department on September 2, 2022.

A review has been completed and the information provided is sufficient to issue your permit in accordance with 20.2.72.220 NMAC and the GCP-O&G conditions. Construction or modification may commence 7.4 mi NE of Jal in Lea County at latitude and longitude decimal degrees: 32.179444, -103.087611, as represented in the application.

Attached is a copy of your permit registration and the GCP-O&G Permit. The GCP-O&G Permit includes the terms and conditions for operation as well as emission and compliance requirements. This facility will be subject to periodic emissions inventory reporting per 20.2.73.300 NMAC.

Pursuant to 20.2.75.11 NMAC, the Department will assess an annual fee for this facility. This regulation set the fee amount at \$1,500 through 2004 and requires it to be adjusted annually for the Consumer Price Index on January 1. The current fee amount is available by contacting the Department or can be found on the Department's website. The AQB will invoice the permittee for the annual fee amount at the beginning of each calendar year. This fee does not apply to sources which are assessed an annual fee in accordance with 20.2.71 NMAC. For sources that satisfy the definition of "small business" in subsection F of 20.2.75.7 NMAC, this annual fee will be divided by two.

All fees shall be remitted in the form of a corporate check, certified check, or money order made payable to the "NM Environment Department, AQB" mailed to the address shown on the invoice and shall be accompanied by the remittance slip attached to the invoice. If there is no invoice included, there is no fee balance due at this time.

If you have any questions, please contact me at 505-269-2718 or joseph.kimbrell@state.nm.us.

Sincerely,

Air Permit Specialist, Advanced Major Source Permits Section Air Quality Bureau

cc via email:Rebecca McBride, Montrose Environmental, <a href="mailto:rmcbride@montrose-env.com">rmcbride@montrose-env.com</a>Glenda De Leon, Scout Energy Management LLC, <a href="mailto:glenda.deleon@scoutep.com">glenda.deleon@scoutep.com</a>

State of New Mexico Environment Department

**Air Quality Bureau** 

525 Camino de los Marquez, Suite 1 Santa Fe, NM 87505-1816

Telephone: (505) 476-4300 Fax: (505) 476-4375

#### INVOICE

Primary Billing Party: Scout Energy Management LLC 13800 Montfort Drive Suite 100 Dallas, TX 75240 Agency Interest: 40625 - West Dollarhide Drinkard Unit Central Battery 7.4 mi NE of Jal Jal, NM 88252

#### **INVOICE ID:** 168450

#### **INVOICE DATE:** 00/00/0000 **INVOICE DUE DATE:** 00/00/0000

When you provide the check as payment you authorize the State of New Mexico to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction.

BALANCE DUE	\$0.00
Total Credits:	\$4,550.00
Payment (09/07/2022)	\$4,550.00
CREDITS	
INVOICED AMOUNT	\$4,550.00
ASSESSMENTS Air Quality, PRN20220001, Air - General Review Fee	\$4,550.00

Cut Here and Include Lower Portion with Payment

Primary Billing Party: Scout Energy Management LLC 13800 Montfort Drive Suite 100 Dallas, TX 75240

L

Agency Interest: 40625 - West Dollarhide Drinkard Unit Central Battery 7.4 mi NE of Jal Jal, NM 88252

(505) 476-4300

Fax: (505) 476-4375

<b>INVOICE ID:</b> 168450		INVOICE DUE DATE: 00/00/0000			
Invoice Amount: \$0.00		Amount Enclosed			
Please make checks paya	ble to:	New Mexico Environment Department, AQB			
Mail payments to:		Air Quality Bureau			
NMED Federal Tax ID#:	85-6000565	525 Camino de los Marquez, Suite 1			
		Santa Fe, NM 87505-1816			

**Telephone:** 

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Scout Energy Management LLC

at Energy - West Dollarhide Drinkard Unit Cen. 3attery

August 22, 2022

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W F L	For Department use only:	
REN TO TO	RECEIVED	
	SEP 0 2 2022	
ZZIRONMENT DEPART	Air Quality Bureau	
		SEP 0 2 2022

# General Construction Permit (GCP-Oil and Gas) Registration Form Section 1

(Locating outside of Bernalillo County, Tribal Lands, and Nonattainment Areas)

This Registration is being submitted as (check all that apply):

An initial GCP-Oil and Gas Registration Form for a new facility (Registration fee required).

An updated GCP-Oil and Gas Registration Form for a modification to an existing facility (Registration fee required).

A GCP-Oil and Gas Registration Form for an existing facility currently operating under GCP-1 or GCP-4 (No fee required)

The Permitting Administrative Multi-Form may be used for administrative changes identified in the GCP O&G Permit Condition C101.A. No public notification is required, and no filing fees or permit fees apply.

Construction Status: Not Constructed Existing Permitted (or NOI) Facility Existing Non-Permitted (or NOI) Facility

#### Acknowledgements:

I acknowledge that a pre-application meeting is available to me upon request.

An original signed and notarized Certification for Submittal for this GCP-Oil and Gas Registration is included.

Proof of public notice is included, if required.

The Air Emission Calculation Tool (AECT) is included.

The emissions specified in this Registration Form will establish the emission limits in the GCP-Oil and Gas.

I have enclosed a check for the required fee:

Registration Fees	Initial Registration or Modifications	Small Business* Initial Registration or Modifications
Prior to 1/1/2022	\$4,320	\$2,160
Beginning 1/1/2022	\$4,550	\$2,275

There is an annual fee in addition to the registration fee: www.env.nm.gov/air-quality/permit-fees-2/.

\* For facilities qualifying as a "small business" under 20.2.75.7.F NMAC the reduced fee may be used if NMED has a Small Business Certification Form from your company on file: <u>www.env.nm.gov/forms/</u>.

Provide your Check Number: \_\_\_\_95116\_\_\_\_ and Amount: \_\_\_\_\$4,550\_\_\_\_\_ I understand that if a fee is required and is not included, the project will not be assigned for review until the full fee is received.

1)	C	ompany Information	AI # (if known): NA	If updating, provide Permit/NOI #: NA		
1		Facility Name:	Plant primary SIC Code (4 digits): 1311			
1		Scout Energy - West Dollarhide Drinkard Unit Central Battery	Plant NAIC code (6 digits): 211120			
_	a	Facility Street Address (If no facility street address, check here 🛛 and	l provide directions in Sec	tion 4):		
2		Plant Operator Company Name: Scout Energy Management LLC	Phone/Fax: 972-277	-1397		
	a	Plant Operator Address: 13800 Montfort Drive, Suite 100, Dallas, TX	75240			
3		Plant Owner(s) name(s): Scout Energy Management LLC	Phone/Fax: 972-277	7-1397		

a	Plant Owner(s) Mailing Address(s): 13800 Montfort Drive, Suite 100, Dallas, TX 75240									
4	Bill To (Company): Scout Energ	gy Management LLC		Phone/Fax: 972-27	7-1397					
а	Mailing Address: 13800 Montfo	rt Drive, Suite 100, Dallas,	TX 75240	E-mail: glenda.dele	eon@scoutep.c	om				
5	Preparer: Rebecca McBride (Montrose     Consultant: Rebecca McBride (Montrose)									
a	Consultant: Rebecca McBride (Montrose Environmental Solutions)Filoherrax. 078-330-8350Mailing Address: 400 Northridge Road, Suite 400, Sandy Springs, GA 30350E-mail: rmcbride@montrose-env.com									
6	Plant Operator Contact: Glenda De Leon       Phone/Fax: 972-277-1397									
а	Mailing Address: 13800 Montfo	rt Drive, Suite 100, Dallas,	TX 75240	E-mail: glenda.dele	eon@scoutep.c	om				
7	Air Permit Contact <sup>1</sup> : Glenda De	Leon		Title: Senior Air Q	uality Specialis	st				
a	E-mail: glenda.deleon@scoutep.	.com		Phone/Fax: 972-27	7-1397					
b	Mailing Address: 13800 Montfo	rt Drive, Suite 100, Dallas,	TX 75240							
	<sup>1</sup> The Air Permit Contact will rec	eive official correspondence	e from the Dep	artment.						
8	Will this facility operate in conju	•	-		🛛 No	Yes				
	If yes, what is the name and NO	I or permit number (if know	n) of the other	facility?						
2) A	pplicability									
1	Is the facility located in Bernalil				•	No Yes				
1f you 2	answered <i>Yes</i> to the question above Is the facility's SIC code 1311,					□No ⊠Yes				
2	all the equipment at the facility i			es may be approved	provided that					
3	Does the regulated equipment un	nder this GCP-Oil and Gas I	Registration inc		on of	□No ⊠Yes				
4	Allowable Equipment listed in T Will the regulated equipment as				he total	No Yes				
	emissions in Table 106 of the G	CP-Oil and Gas permit?	-							
5	Does all equipment comply with Permit?	· · ·				□No ⊠Yes				
6	Equipment shall be at least 100 top of the stack. Will the equipm				ters above the	□No ⊠Yes				
7	Is the facility at least 150 m from	n any source that emits over	25 tons/year o	of NO <sub>x</sub> ? This is the di		□No ⊠Yes				
	between the two nearest stacks t center to center distances.	hat emit NOx at each of the	facilities. Not	the facility boundario	es or the					
8	Is the facility at least 3 miles fro	m any Class I area? This is	the distance fro	om the nearest facilit	y boundary to	□No ⊠Yes				
If	the nearest boundary of the Clas									
	answered <i>NO</i> to any of questions		uanty for this	general construction	permit.					
3) C	Current Facility Statu									
1	Has this facility already been con			urrently operating in						
2	Does this facility currently have (NOI) (20.2.72 NMAC or 20.2.73	3 NMAC)? Yes No		remain active or no		, and whether it will				
3	Is this Registration in response to Yes No If so, provide curr		/)? If	yes, NOV date:	NOV Trackin	g No.				
4	Check if facility is a: Minor Source: Synthetic M	Tinor Source: $\boxtimes$ (SM80 = C	Controlled Emi	ssions > 80 TPY of a	any regulated ai	r pollutant):				
4)	Facility Location Info					. / 🖵				
1	a) Latitude (decimal degrees): 32.179444	b) Longitude (decimal deg -103.087611	rees):	c) County: Lea	d) Elevat 3,182	ion (ft):				
2	a) UTM Zone: 12 or 13	b) UTME (to nearest 10 mete 680,300 m	rs):	c) UTMN (to nearest 3,561,930 m	,					
	•	• • • • •		· · · · · · · · · · · · · · · · · · ·						

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3	e) Specify which datum is used: NAD 27 See this link for more info. <u>http://en.wikipedia.org/wiki/Nor</u>	□ NAD 83								
4	Name and zip code of nearest New Mexico town and tribal community: Jal, 88252									
5	Detailed Driving Instructions including direction and distance from nearest NM town and tribal community (attach a road map if necessary). If there is no street address, provide public road mileage marker: From Jal, travel north on N 3rd St. Turn right on the NM-128 E and travel east for 6.5 miles. Turn left onto Dollarhide Rd. After 3.0 miles, turn left to stay on Dollarhide Rd. Turn right onto Saga Ln. After 0.9 miles, turn right and the tank battery site will be straight ahead.									
6	The facility is 7.4 (distance) miles NE (direction) of Jal (nea	arest town).								
7	Land Status of facility (check one): Private Indian/	Pueblo 🛛 Government 🗌 BLM 🗌 Forest Service 🗌 Military								
5)	Other Facility Information									
1	Enter the maximum daily and annual throughput of oil, gas, and natural gas liquids (NGL).	Oil (bbl/day): 387         (bbl/yr): 141,255           Gas (MMscf/day): 0         (MMscf/yr): 0           NGL (bbl/day): 0         (bbl/yr): 0								
2	The facility, as described in this Registration, constitutes the entire source for 20.2.70, 20.2.72, 20.2.73, or 20.2.74 NMAC applicability purposes.	□No ⊠Yes								
6) Sı	ubmittal Requirements									
1	Include one hard copy <b>original signed and notarized Registration package printed double sided 'head-to-toe'</b> <u>2-hole</u> <b>punched</b> as we bind the document on top, not on the side; except landscape tables, which should be head-to-head. If 'head-to-toe printing' is not possible, print single sided. Please use <b>numbered tab separators</b> in the hard copy submittal(s) as this facilitates the review process.									
2		Department use. This <u>copy</u> does not need to be 2-hole punched.								
3	Instance one define share included in both the electronic and hard copies.         The state all of these are included in both the electronic and hard copies.            \[             Word Document part of the Registration Form (Section 2)         \[             \]         Air Emissions Calculation Tool (AECT) If there is a justified reason for including other calculations, include the unlocked Excel Spreadsheet. Justification must be provided in Section 5 of the application.									
	To avoid errors, it is best to start with both a blank vers	ion of this form and the AECT for each application.								

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# Section 2 Tables

Insert Excel spreadsheet with applicable tables filled out. If applicable to the facility all tables must be filled out completely. The unit numbering system must be consistent throughout this Registration.

Application Date: 8/22/22

Revision # 1.0 Page 11 of 54

				Tabl	e 2-A:	Regulated <b>F</b>	Emission	Sources		
	e	ist correspond through		tion packag	e. Equipmer	nt that qualifies for	or an exempti	on under 20.2.	72.202.B	
NMAC sl	hould be included in	n Table 2-B <b>Note:</b> Equ	ipment options			Manufacture <sup>2</sup> Unit #	Controlled by Unit #			
Unit Number <sup>1</sup>	Source Description	Manufacturer/Make /Model	Serial #	Manufact- urer's Rated Capacity <sup>3</sup> (Specify Units)	Requested Permitted Capacity <sup>3</sup> (Specify Units)	Date of Construction/ Reconstruction <sup>2</sup>	Emissions vented to Stack #	Source Classi- fication Code (SCC)	RICE Ignition Type (CI, SI, 4SLB, 2SLB) <sup>4</sup>	For Each Piece of Equipment, Check Onc
TK-1	1,000 bbl Crude Oil Storage Tank	Unknown	Unknown	Unknown	42,000 gal	Unknown Unknown; Prior to 2011	VRU; FL-1 N/A; FL-1	31000133	N/A	x Existing (unchanged)     □     To be Removed       □     New/Additional     □       □     To Be Modified     □       □     To be Replaced
TK-2	1,000 bbl Crude Oil Storage Tank	Unknown	Unknown	Unknown	42,000 gal	Unknown Unknown; Prior to 2011	VRU; FL-1 N/A; FL-1	31000133	N/A	x Existing (unchanged)  Vew/Additional To Be Modified To Be Modified To be Replaced
TK-3	1,000 bbl Crude Oil Storage Tank	Unknown	Unknown	Unknown	42,000 gal	Unknown Unknown; Prior to 2011	VRU; FL-1 N/A; FL-1	31000133	N/A	x     Existing (unchanged)     To be Removed       New/Additional     Replacement Unit       To Be Modified     To be Replaced
T-GB	3,000 bbl Gunbarrel	Unknown	Unknown	Unknown	126,000 gal	Unknown Unknown; Prior to 2011	VRU; FL-1 N/A; FL-1	31000107	N/A	x Existing (unchanged)     □ To be Removed       □ New/Additional     □ Replacement Unit       □ To Be Modified     □ To be Replaced
FL-1	Flare	Unknown	Unknown	N/A	N/A	Unknown Unknown; Prior to 2011	N/A FL-1	31000160	N/A	x     Existing (unchanged)     □     To be Removed       □     New/Additional     □     Replacement Unit       □     To Be Modified     □     To be Replaced
LOAD	Truck Loading Emissions	N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	31000199	N/A	x Existing (unchanged)     □ To be Removed       □ New/Additional     □ Replacement Unit       □ To Be Modified     □ To be Replaced
FUG	Fugitive Emissions	N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	31088811	N/A	x     Existing (unchanged)     □     To be Removed       □     New/Additional     □     Replacement Unit       □     To Be Modified     □     To be Replaced
										Existing (unchanged)     To be Removed       New/Additional     Replacement Unit       To Be Modified     To be Replaced
										Existing (unchanged)         To be Removed           New/Additional         Replacement Unit           To Be Modified         To be Replaced           Existing (unchanged)         To be Removed
										Existing (unchanged) <ul></ul>
										New/Additional     Replacement Unit       To Be Modified     To be Replaced       Existing (unchanged)     To be Removed
		to unit numbers in the pre								New/Additional       Replacement Unit         To Be Modified       To be Replaced

<sup>1</sup> Unit numbers must correspond to unit numbers in the previous permit unless a complete cross reference table of all units in both permits is provided.

<sup>2</sup> Specify dates required to determine regulatory applicability.

<sup>3</sup> To properly account for power conversion efficiencies, generator set rated capacity shall be reported as the rated capacity of the engine in horsepower, not the kilowatt capacity of the generator set. " "4SLB" means four stroke lean burn engine, "4SRB" means four stroke rich burn engine, "2SLB" means two stroke lean burn engine, "Cl" means compression ignition, and "SI" means spark ignition

#### Table 2-B: Exempted Equipment (20.2.72 NMAC)

All 20.2.72 NMAC applications must list Exempted Equipment in this table. If equipment listed on this table is exempt under 20.2.72.202.B.5, include emissions calculations and emissions totals for 202.B.5 "similar functions" units, operations, and activities in Section 5, Calculations. Unit & stack numbering must be consistent throughout the application package.

Unit Number	Source Description	Manufacturer	Model No. Serial No.	Max Capacity Capacity Units	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction <sup>1</sup> Date of Installation	For Each Piece of Equipment, Check One
				(2,000	20 2 72 202 D 5	/Construction <sup>1</sup>	
TK-4	1,500 bbl Produced Water	Unknown	Unknown	63,000	20.2.72.202.B.5	Unknown Unknown: Prior to	x Existing (unchanged)
	Storage Tank		Unknown	gal		2011	□ To Be Modified □ To be Replaced
	1,500 bbl Produced Water		Unknown	63,000	20.2.72.202.B.5	Unknown	x Existing (unchanged)
TK-5	Storage Tank	Unknown	Unknown	gal		Unknown; Prior to 2011	New/Additional       Replacement Unit         To Be Modified       To be Replaced
	1,000 bbl Produced Water		Unknown	42,000	20.2.72.202.B.5	Unknown	x Existing (unchanged) 🛛 To be Removed
TK-6	Storage Tank	Unknown	Unknown	gal		Unknown; Prior to 2011	New/Additional       Replacement Unit         To Be Modified       To be Replaced
	1,000 bbl Produced Water		Unknown	42,000	20.2.72.202.B.5	Unknown	x Existing (unchanged) $\Box$ To be Removed
TK-7	Storage Tank	Unknown	Unknown	gal		Unknown; Prior to 2011	<ul> <li>New/Additional</li> <li>Replacement Unit</li> <li>To Be Modified</li> <li>To be Replaced</li> </ul>
HR-1	Unpaved Haul Roads Emissions	N/A	N/A	N/A	20.2.72.202.B.5	N/A	x Existing (unchanged)
HK-1	Onpaved Haul Roads Emissions	IN/A	N/A	N/A		N/A	□ To Be Modified □ To be Replaced
							<ul> <li>Existing (unchanged)</li> <li>To be Removed</li> <li>New/Additional</li> <li>Replacement Unit</li> </ul>
							To Be Modified     To be Replaced
							□ Existing (unchanged) □ To be Removed
							<ul> <li>New/Additional</li> <li>Replacement Unit</li> <li>To Be Modified</li> <li>To be Replaced</li> </ul>
							□ Existing (unchanged) □ To be Removed
							<ul> <li>New/Additional</li> <li>Replacement Unit</li> <li>To Be Modified</li> <li>To be Replaced</li> </ul>
							□ Existing (unchanged) □ To be Removed
							□ New/Additional □ Replacement Unit
							To Be Modified     To be Replaced       Existing (unchanged)     To be Removed
							<ul> <li>Existing (unchanged)</li> <li>To be Removed</li> <li>New/Additional</li> <li>Replacement Unit</li> </ul>
							□ To Be Modified □ To be Replaced
							□ Existing (unchanged) □ To be Removed
							New/Additional     Replacement Unit
							□ To Be Modified □ To be Replaced
							□ Existing (unchanged) □ To be Removed
							<ul> <li>New/Additional</li> <li>Replacement Unit</li> <li>To Be Modified</li> <li>To be Replaced</li> </ul>
							Io Be Modified I fo be Replaced     Existing (unchanged) I to be Removed
							New/Additional     Replacement Unit
							□ To Be Modified □ To be Replaced

1 Specify date(s) required to determine regulatory applicability.

#### **Table 2-C: Emissions Control Equipment**

Unit and stack numbering must correspond throughout the application package. In accordance with 20.2.72.203.A(3) and (8) NMAC, 20.2.70.300.D(5)(b) and (e) NMAC, and 20.2.73.200.B(7) NMAC, the permittee shall report all control devices and list each pollutant controlled by the control device regardless if the applicant takes credit for the reduction in emissions.

Control Equipment Unit No.	Control Equipment Description	Date Installed	Controlled Pollutant(s)	Controlling Emissions for Unit Number(s) <sup>1</sup>	Efficiency (% Control by Weight)	Method used to Estimate Efficiency
FL-1	Flare	Unknown; Prior to 2011	VOC, HAP, H <sub>2</sub> S	TK-1, TK-2, TK-3, TK-GB	95%	Conservative assumption (no specs available)
VRU	Vapor Recovery Unit	Unknown; Prior to 2011	VOC, HAP, H <sub>2</sub> S	TK-1, TK-2, TK-3, TK-GB	95%	Conservative assumption (no specs available)

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#### Table 2-D: Maximum Emissions (Consider federally enforceable controls under normal operating conditions)

#### This table must be filled out

Maximum Federally Enforceable Emissions are the emissions at maximum capacity with only federally enforceable methods of reducing emissions. Calculate the hourly emissions using the worst case hourly emissions for each pollutant. For each pollutant, calculate the annual emissions as if the facility were operating at maximum facility capacity without pollution controls for 8760 hours per year. Account for federally enforceable controls, such as an NSPS or MACT regulation. Consider federally enforceable controls due to permitting. List Hazardous Air Pollutants (HAP) in Table 2-I. Unit & stack numbering must be consistent throughout the application package. Fill all cells in this table with the emission numbers or a "-" symbol. A "-" symbol indicates that emissions of this pollutant are not expected. Numbers shall be expressed to at least 2 decimal points (e.g. 0.41, 1.41, or 1.41E-4).

11	N	Ox	С	0	V	DC	SC	)x	PM	[10 <sup>1</sup>	PM	2.5 <sup>1</sup>	Н	S	Le	ad
Unit No.	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
TK-1	-	-	-	-	0.21	0.92	-	-	-	-	-	-	1.85E-04	8.11E-04	-	-
TK-2	-	-	-	-	0.21	0.92	-	-	-	-	-	-	1.85E-04	8.11E-04	-	-
TK-3	-	-	-	-	0.21	0.92	-	-	-	-	-	-	1.85E-04	8.11E-04	-	-
TK-4	-	-	-	-	2.18E-03	9.54E-03	-	-	-	-	-	-	9.52E-04	4.17E-03	-	-
TK-5	-	-	-	-	2.18E-03	9.54E-03	-	-	-	-	-	-	9.52E-04	4.17E-03	-	-
TK-6	-	-	-	-	2.19E-03	9.60E-03	-	-	-	-	-	-	9.55E-04	4.18E-03	-	-
TK-7	-	-	-	-	2.19E-03	9.60E-03	-	-	-	-	-	-	9.55E-04	4.18E-03	-	-
T-GB	-	-	-	-	0.89	3.91			-	-	-	-	1.38E-03	6.03E-03	-	-
FL-1	2.17E-02	9.51E-02	4.33E-02	0.19	8.47E-02	0.37	5.71E-04	2.50E-03	-	-	-	-	-	-	-	-
LOAD	-	-	-	-	8.41	36.83	-	-	-	-	-	-	3.39E-03	1.49E-02	-	-
FUG	-	-	-	-	0.53	2.34	-	-	-	-	-	-	2.00E-03	9.00E-03	-	-
HR-1	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-	-	-	-
Totals	2.17E-02	9.51E-02	4.33E-02	0.19	10.55	46.25	5.71E-04	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02	4.90E-02	-	-

<sup>1</sup>Condensable Particulate Matter: Include condensable particulate matter emissions for PM10 and PM2.5 if the source is a combustion source.

#### Table 2-E: Requested Allowable Emissions

Enter an allowable emission limit for each piece of equipment with either an uncontrolled emission rate greater than 1 lb/hr or 1 ton per year (tpy) or a controlled emission rate of any amount. For H2S please represent all emissions even if they are less than 1 lb/hr and 1 tpy. If selecting combustion SSM emissions, enter lb/hr and tpy values. If selecting up to 10 tpy of Malfunction VOC emissions, enter tpy values. Combustion emissions from malfunction events are **not authorized** under this permit. Fill all cells in this table with the emissions in lb/hr and tpy, or a "-" symbol. A "-" symbol indicates that emissions of this pollutant are not expected. Total the emissions from all equipment in the Totals row. Add additional rows as necessary. Unit & stack numbering must be consistent throughout the application package. Numbers shall be expressed to at least 2 decimal points (e.g. 0.41, 1.41, or 1.41E<sup>-4</sup>).

Unit No.	N	Ox	С	0	V	OC	SC	)x	PM	(10 <sup>1</sup>	PM	2.5 <sup>1</sup>	Н	$_{2}S$	Le	ead
Unit No.	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
TK-1	-	-	-	-	0.21	0.92	-	-	-	-	-	-	1.85E-04	8.11E-04	-	-
TK-2	-	-	-	-	0.21	0.92	-	-	-	-	-	-	1.85E-04	8.11E-04	-	-
TK-3	-	-	-	-	0.21	0.92	-	-	-	-	-	-	1.85E-04	8.11E-04	-	-
TK-4	-	-	-	-	2.18E-03	9.54E-03	-	-	-	-	-	-	9.52E-04	4.17E-03	-	-
TK-5	-	-	-	-	2.18E-03	9.54E-03	-	-	-	-	-	-	9.52E-04	4.17E-03	-	-
TK-6	-	-	-	-	2.19E-03	9.60E-03	-	-	-	-	-	-	9.55E-04	4.18E-03	-	-
TK-7	-	-	-	-	2.19E-03	9.60E-03	-	-	-	-	-	-	9.55E-04	4.18E-03	-	-
T-GB	-	-	-	-	0.89	3.91	-	-	-	-	-	-	1.38E-03	6.03E-03	-	-
FL-1	2.17E-02	9.51E-02	4.33E-02	0.19	8.47E-02	3.71E-01	5.71E-04	2.50E-03	-	-	-	-	-	-	-	-
LOAD	-	-	-	-	8.41	36.83	-	-	-	-	-	-	3.39E-03	1.49E-02	-	-
FUG	-	-	-	-	0.53	2.34	-	-	-	-	-	-	2.00E-03	9.00E-03	-	-
SSM	-	-	-	-	2.28	10	-	-	-	-	-	-	-	-	-	-
Malfunction	N/A	N/A	N/A	N/A	N/A	Up to 10 tpy	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Totals	-	-	-	-	12.84	56.25	-	-	-	-	-	-	1.11E-02	4.90E-02	-	-

<sup>1</sup>Condensable Particulate Matter: Include condensable particulate matter emissions for PM10 and PM2.5 if the source is a combustion source.

#### Table 2-H: Stack Exit Conditions

Unit and stack numbering must correspond throughout the application package. Include the stack exit conditions for each unit that emits from a stack, including blowdown venting parameters and tank emissions.

tank emission	s.						
Stack Type (Engine,		Orientation	Height Above	Temp.	Flow Rate	Velocity	
Turbine, Flare, ECD, or Thermal Oxidizer Etc.)	Serving Unit Number(s) from Table 2-A	(H-Horizontal) V=Vertical)	Ground (ft)	(F)	(acfs)	(ft/sec)	Inside Diameter (ft)
Flare	TK-1, TK-2, TK-3, T-GB	Vertical	20	70	20.46	0.1	0.10

#### Table 2-I: Emission Rates for HAPs

Stack No. Uni	Unit No.(s)	Total HAPs		n-Hexane x HAP		Benzene x HAP		2,2,4- Trimethylpentane x HAP		Toluene x HAP		Ethylbenzene x HAP		m-Xylene x HAP		o-Xylene x HAP		Provide Pollutant Name Here HAP	
		lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
ST-TK1	TK-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ST-TK2	TK-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ST-TK3	TK-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ST-TK4	TK-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ST-TK5	TK-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ST-TK6	TK-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ST-TK7	<b>TK-7</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ST-TGB	T-GB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
N/A	LOAD	7.85E-02	0.34	7.21E-02	0.32	-	-	-	-	-	-	-	-	-	-	-	-		
N/A	FUG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

Form Revision: 7/18/2019

	Table 2	-J: Allowable Fuels and F	uel Sulfur for Co	mbustion Emiss	sion Units	5:	
Specify fuel char	acteristics and usage. Unit and sta	ack numbering must correspond throughout	the application package.				
				Specify Units	1		
Unit No.	Fuel Type (Natural Gas, Field Gas, Propane, Diesel,)	Fuel Source (purchased commercial, pipeline quality natural gas, residue gas, raw/field natural gas, process gas, or other	Engines and Turbines: SO2 percentage (%) of the NOx emission rate (except flares)	Diesel Fuel Only: ppm of Sulfur	Lower Heating Value (BTU/SCF)	Annual Fuel Usage (MMSCF/y)	Does the Allowable Fuel and Fuel Sulfur Content meet GCP O&G Condition A110.A?
None							🗌 Yes 🗌 No
							🗌 Yes 🗌 No
							🗌 Yes 🗌 No
							🗌 Yes 🗌 No
							🗌 Yes 🗌 No
							🗌 Yes 🗌 No
							🗌 Yes 🗌 No
							🗌 Yes 🗌 No
							🗌 Yes 🗌 No
							🗌 Yes 🗌 No
							🗌 Yes 🗌 No
							🗌 Yes 🗌 No
							🗌 Yes 🗌 No
							🗌 Yes 🗌 No
							🗌 Yes 🗌 No

#### Form Revision: 6/1/2019

Include approp	priate tank-flash	ning modeling input data. Unit a	nd stack numbering			ank Data	kage.					
Tank No.	nk No. Date Installed	Materials Stored	Roof Type	Seal Type	Capacity (bbl)	Diameter (M)	Vapor Space (M)		olor	Separator Pressure (psia)	Annual Throughput (gal/yr)	Turn- overs (per year)
				Welded-			(191)	Roof	Shell	(psia)	(gal/yi)	(per year)
TK-1	Unknown; Prior to 2011	Oil	Vertical - Fixed Roof (FX)	Mechanical Shoe Welded-	1,000	6.5532	8	Gray	Gray	26.7	1,977,570	47.09
TK-2	Unknown; Prior to 2011	Oil	Vertical - Fixed Roof (FX)	Welded- Mechanical Shoe Welded-	1,000	6.5532	8	Gray	Gray	26.7	1,977,570	47.09
TK-3	Unknown; Prior to 2011	Oil	Vertical - Fixed Roof (FX)	Welded- Mechanical Shoe Welded-	1,000	6.5532	8	Gray	Gray	26.7	1,977,570	47.09
TK-4	Unknown; Prior to 2011	Produced Water	Vertical - Fixed Roof (FX)	Welded- Mechanical Shoe Welded-	1,500	6.5532	12	Gray	Gray	26.7	18,396,000	292.00
TK-5	Unknown; Prior to 2011	Produced Water	Vertical - Fixed Roof (FX)	Welded- Mechanical Shoe Welded-	1,500	6.5532	12	Gray	Gray	26.7	18,396,000	292.00
TK-6	Unknown; Prior to 2011	Produced Water	Vertical - Fixed Roof (FX)	Welded- Mechanical Shoe Welded-	1,000	6.5532	8	Gray	Gray	26.7	18,396,000	438.00
TK-7	Unknown; Prior to 2011	Produced Water	Vertical - Fixed Roof (FX)	Mechanical Shoe	1,000	6.5532	8	Gray	Gray	26.7	18,396,000	438.00
T-GB	Unknown; Prior to 2011	Produced Water	Vertical - Fixed Roof (FX)	Welded- Mechanical Shoe	3,000	9.144	12	Gray	Gray	26.7	36,792,000	292.00

# Section 3 Registration Summary

**The Registration Summary:** Provide information about the registration submittal. The Registration Summary shall include a brief description of the facility and its process. In case of a modification to a facility, please describe the proposed changes.

**Specify Facility Type:** Check the appropriate box below:

Production Site

Tank Battery

Compressor Station

Natural Gas Plant

Other, please specify:\_\_\_\_\_

**<u>Registration Summary:</u>** Provide Registration summary here. See above instructions.

The purpose of this application is to submit a GCP for an existing tank battery located in southeastern New Mexico. The site was acquired by Scout Energy Management LLC in October 2021. The tank battery consists of three crude oil tanks, two 1,500 bbl produced water tanks, two 1,000 bbl produced water tanks, and a 3,000 bbl gunbarrel. Emissions from the crude oil tanks and gunbarrel are controlled by a vapor recovery unit (VRU). An emergency flare is also present onsite to control the emissions during VRU downtime or when the purchaser is not able to take the produced gas.

<u>Written description of the routine operations of the facility:</u> Include a detailed description of how each piece of equipment will be operated, how controls will be used, and the fate of both the products and waste generated.

The site operates 24/7. Oil and produced water are sent to the gunbarrel (T-GB), where the oil and produced water are separated. The crude oil is sent to the crude oil storage tanks (TK-1 through TK-3), and the produced water is sent to the produced water storage tanks (TK-4 through TK-7). From TK-4 through TK-7, the produced water is sent to Pipeline 2. From TK-1 through TK-3 the crude oil is loaded onto trucks. The emissions from the gunbarrel and crude oil storage tanks will be controlled by the VRU. The emergency flare (FL-1) will be used to control emissions from the gunbarrel and crude oil storage tanks during VRU downtime or when the purchaser is not able to take the site's produced gas.

**<u>Routine or predictable emissions during Startup, Shutdown and Maintenance (SSM)</u>: Provide an overview of how SSM emissions are accounted for in this Registration.** 

The tank battery is a continuous operation and emissions during SSM are expected to be minimal. However, the facility is requesting 10 tpy VOC for SSM emissions.

<u>Malfunction Emissions (M)</u>: Provide an overview of how malfunction emissions are accounted for in this Registration. The permit does not authorize combustion emissions for malfunctions.

Malfunction emissions are not expected as part of normal operations. Scout Energy would work to expeditiously resolve any issues that result in malfunction emissions. However, this application requests up to 10 tpy VOC as malfunction emissions.

The permit does not authorize emissions from SSM and Malfunction to be combined as 10 TPY VOC. However, they may be permitted separately. In the allowable emissions table in Section 2, these two events are separate line items and must be kept separate.

Allowable Operations: Check the appropriate box below:

Facility operates continuously (8760 hours per year)

The following regulated equipment will operate less than 8760 hours per year. Add additional rows as necessary. These units are subject to Condition A108.C of the Permit.

### Table A – Equipment Operating Less Than 8760 hours per year

Unit #	Requested Annual Operating Hours

.

#### Verification of Compliance with Stack Parameter Requirements:

Please use the Stack Calculator and Stack Requirements Explained Guidance on our website: All of the verification information below is required to be filled out.

www.env.nm.gov/air-quality/air-quality-oil-and-gas-gcp-application-forms/

Check the box for each type of equipment at this facility:

	Engine(s)
	Turbine(s)
$\boxtimes$	Flares(s)
	Enclosed Combustion Device (s)
	Heater(s)
	Reboiler(s)

For each type of equipment checked above, complete the applicable section below.

#### Engines

- 1. Calculate the pound per hour (lb/hr) NO<sub>x</sub> emission rate according to GCP O&G Condition A202.I Step 1 on page 15 of the GCP O&G. Enter this value in the top row of the table below.
- 2. Based on the calculated facility total NO<sub>x</sub> emission rate, determine the minimum stack parameter requirements for engines and heaters from Table 1: Engines (page 17) of the GCP O&G and enter the minimum parameters from Table 1 (page 17) of the GCP O&G in the bottom row of the table below.
- 3. Enter the stack parameters from each engine and heater in the blank rows of the table below. Add rows as necessary.

#### Table B: Engine/Generator/Heater/Reboiler Stack Parameter Verification:

Calculated Facility Total NOx Emiss	sion Rate:lb	/hr		
Engine/Generator/Heater/Reboiler	Height (ft)	Temperature (°F)	Velocity (ft/s)	Diameter (ft)
Unit Number				
Table 1 Minimum Parameters:				
For verification, list the minimum				
parameters based on the NOx lb/hr				
emission rate from the GCP O&G				
Table 1.				

4. Do all engines and heaters comply with the minimum stack parameters from Table 1 (page 17) of the GCP O&G?

Yes. Skip step 5 below.

No. Go to step 5 below.

5. For engines and heaters that do not comply with the minimum stack parameters in Table 1 of the GCP O&G, explain and demonstrate in detail how the engines and heaters will be authorized according to the steps on page 16 of the GCP O&G or Condition A203.C of the GCP O&G. Show all calculations.

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#### **Turbines**

- 1. Calculate the pound per hour (lb/hr) NO<sub>x</sub> emission rate according to GCP O&G Condition A202.I Step 1 on page 17 of the GCP O&G. Enter this value in the top row of the table below.
- 2. Based on the calculated facility total NO<sub>x</sub> emission rate, determine the minimum stack parameter requirements for turbines and heaters from Table 2: Turbines (page 18) of the GCP O&G. Enter the minimum parameters from Table 2 (page 18) of the GCP O&G in the bottom row of the table below.
- 3. Enter the stack parameters from each turbine and heater in the blank rows of the table below. Add rows as necessary.

Calculated Facility Total N	NOx Emission Rate:	lb/hr		
Turbine/Heater/Reboiler	Height (ft)	Temperature ( <sup>o</sup> F)	Velocity (ft/s)	Diameter (ft)
Unit Number				
Table 2 Minimum				
Parameters: For				
verification, list the				
minimum parameters				
based on the NOx lb/hr				
emission rate from the				
GCP O&G Table 2.				

- 4. Do all turbines and heaters comply with the minimum stack parameters from Table 2 (page 18) of the GCP O&G?
- Yes. Skip step 5 below.

No. Go to step 5 below.

5. For turbines and heaters that do not comply with the minimum stack parameters in Table 2 of the GCP O&G, explain and demonstrate in detail how the turbines and heaters will be authorized according to the steps on page 18 of the GCP O&G or Condition A203.C of the GCP O&G. Show all calculations.

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#### Flares

- 1. Enter SO<sub>2</sub> emission rates (lb/hr) for each flare in the second column of the table below.
- 2. Based on the SO<sub>2</sub> emission rates, determine the minimum stack height requirements for flares from Table 3 (page 26) of the GCP O&G and enter the minimum stack height requirements for flares from Table 3 (page 26) of the GCP O&G in the last column of the table below.
- 3. Enter the stack height of each flare in the third column of the table below. Add rows as necessary.

Flare Unit Number	SO <sub>2</sub> Emission Rate (lb/hr)		Table 3 MinimumStack Height: Forverification, list theminimum heightparameters based onthe SO2 emission ratefrom the GCP O&GTable 3.
FL-1	0.00057	20	6.6

#### Table D: Flare Stack Height Parameter Verification:

- 4. Do all flares comply with minimum stack height requirements?
  - Yes Yes
  - No
- 5. Does the flare gas contain 6% H<sub>2</sub>S or less by volume (pre-combustion)?
  - $\boxtimes$  Yes. Skip step 6 below.
  - No. Go to step 6 below.
- Explain in detail how assist gas will be added to reduce the gas composition to 6% H<sub>2</sub>S or less by volume. 6.

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#### **Enclosed Combustion Device(s) (ECD):**

According to GCP O&G Condition A208.A, the facility must meet one of the following options if an ECD is installed at the facility:

Option 1:

- 1. Will the ECD(s) meet the SO<sub>2</sub> emission limit of 0.7 lb/hr and operate with a velocity of at least one (1) foot per second?
  - Yes. Skip Option 2 below.
  - No. Go to Option 2 below.

Option 2:

- 2. Will the ECD(s) meet the SO<sub>2</sub> emission limit of 0.9 lb/hr and operate with a velocity of at least two (2) feet per second?
  - Yes  $\square$
  - No

# Section 4

### **Process Flow Sheet**

Attach a **process flow sheet** indicating all individual equipment, all emission points, and types of control applied to those points. All units must be labeled, and the unit numbering system must be consistent throughout this Registration. Identify all sources of emissions with a vertical arrow. Label each of the different material streams (e.g. crude oil, gas, water). The process flow sheet must be a legible size.

# **Section 5**

# **Emissions Calculation Forms**

The Department has developed the Air Emissions Calculation Tool (AECT), which is required to be used in the GCP-Oil and Gas Registration. If the AECT, for a piece of equipment is under development, provide alternate calculations. **Do not include alternative calculations unless there is an issue being resolved with the AECT. This will delay review of the application.** The AECT and this Registration Form may be updated as needed.

**Tank Emissions Calculations**: Provide the method used to estimate tank-flashing emissions, the input and output summary from simulation models and software, all calculations, documentation of any assumptions used, descriptions of sampling methods and conditions, copies of any lab sample analysis. If Pro-Max or Hysis is used, all relevant input parameters shall be reported, including separator pressure, gas throughput, and all other relevant parameters necessary for flashing calculation. The inputs must match the gas analyses information submitted. Inputs that don't match may be grounds for denial of the application submittal.

<u>SSM Calculations</u>: In this Section, provide emissions calculations for Startup, Shutdown, and Routine Maintenance (SSM) emissions listed in the Table 2, and the rational for why the others are reported as zero (or left blank).

<u>Control Devices</u>: Report all control devices and list each pollutant controlled by the control device. Indicate in this section if you chose to not take credit for the reduction in emission rates. Only uncontrolled emission rates can be considered to determine applicability unless the state or federal acts require the control. This information is necessary to determine if federally enforceable conditions are necessary for the control device, and if the control device produces its own regulated pollutants or increases emission rates of other pollutants.

<u>Calculation Details</u>: The AECT is required for all emission calculations. If the AECT is not functioning, alternative calculations may be submitted only for the portions of the AECT with issues being resolved. Utilize this section to explain in detail, on an equipment-by-equipment basis, why alternative calculations are necessary.

**Explain here:** The section for the Vapor Recovery Unit in the AECT is under development. However, the rest of the AECT tanks into the VRU into account when calculating emissions. Therefore, alternative calculations are not provided. Please note that the emissions summary table at the bottom of the AECT is not showing the contributions from the Oil Tanks Flash, Oil Tanks W&S, of the Gunbarrel (GBS) entries. However, the individual forms show each of these missing totals.

Equipment Type	Quantity	Check Box to Indicate Units that are	Enter Control Device Type and Pollutant Controlled
<b></b>		Controlled	
Engine			
Turbine			
Tanks	7	$\square$	VRU and Flare – VOC, HAP, H <sub>2</sub> S
Generator			
VRU	1	$\square$	VOC, HAP, H <sub>2</sub> S
VRT			
ULPS			
Glycol Dehydrator			
Flare	1	$\boxtimes$	<i>List all streams controlled by flare (e.g. tanks, loading, compressors, VRU, facility, SSM)</i> Crude oil storage tanks (TK-1 through TK-3) and Gunbarrel (T-GB)
Amine Unit			
Cryogenic Unit			
Fugitive Emissions	1	$\square$	
Heater			

#### Equipment Forms Submitted in this Section (add additional rows as necessary):

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Truck Loading	1	$\boxtimes$	List control device or vapor balancing: None

	IT den Bouumg	<b>–</b>		Eist control device of vapor butdateting. Hone
	Enclosed Combustion Device (ECD)			List all streams controlled by the ECD
,	Thermal Oxidizer (TO)			List all streams controlled by the TO
	Other	1	$\boxtimes$	Gunbarrel
	Other	1	$\boxtimes$	Unpaved haul roads

For each scenario below, if there are more than one emissions unit, control device, or gas combustion scenario. Please copy and paste each applicable section and label the unit number(s) if the scenarios vary.

#### Vapor Recovery Tower, Ultra Low-Pressure Separator, or Flash Tower Located Upstream of Storage Vessels: If the

facility contains one of the following units located upstream of the storage vessels and is used to flash and capture flashing emissions, check the appropriate box.

Unit number:

Vapor Recovery Tower and VRU Compressor

ULPS and VRU Compressor

Flash Tower and VRU Compressor

**Vapor Recovery Unit (VRU) located upstream of Storage Vessels:** Check the box below if the facility is using a VRU to capture flashing emissions prior to any storage vessels to limit the PTE of the storage vessels to below applicability thresholds of NSPS OOOO or NSPS OOOOa. A process vs control determination should be prepared for this type of VRU application. Unit number:

VRU capturing emissions prior to any storage vessel and routing directly to the sales pipeline

**Vapor Recovery Unit (VRU) attached to Storage Vessels:** Check the box below if this facility is using a VRU to reduce storage vessel emissions to limit the PTE to below NSPS OOOO or NSPS OOOOa applicability thresholds:

- Unit number:
- VRU controlling Storage Vessel emissions and the facility is subject to the requirements under NSPS OOOO, 40 CFR 60.5411
- VRU controlling Storage Vessel emissions and the facility is subject to the requirements under NSPS OOOOa, 40 CFR 60.5411a

**Gas Combustion Scenarios:** Read through the scenarios below and check the boxes next to any appropriate facility operating scenarios. Flares shall assume a destruction efficiency of 95%, unless the facility is subject to requirements for flares under 40 CFR 60.18, or a higher destruction efficiency (up to 98%) is supported by a manufacturer specification sheet (MSS) for that unit. If so, include the MSS.

A flare, vapor combustion unit (VCU), enclosed combustion device (ECD), thermal oxidizer (TO):

Unit number: FL-1

- Controls storage vessels in accordance with 40 CFR 60, Subpart OOOO or OOOOa.
- Provides a federally enforceable control for the storage vessels to limit the PTE to below applicability thresholds of 40 CFR 60, Subpart OOOO or OOOOa.
  - Controls the glycol dehydrator
- Controls the amine unit
- Controls truck loading Operates only during n
  - Operates only during maintenance events, such as VRU downtime, check one below:
    - The emissions during VRU downtime are represented as uncontrolled VOC emissions from the compressor
    - The combustion emissions during VRU downtime are represented as controlled emissions from the combustion device
- Controls the facility during plant turnaround

<b>Amine Unit:</b> Provide the following information for each amine unit.
---

Design Capacity in MMscf/day	
Rich Amine Flowrate in gal/min	
Lean Amine Flowrate in gal/min	
Mole Loading H <sub>2</sub> S	
Sour Gas Input in MMscf/day	

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<u>Glycol Dehydration Unit(s)</u>: Provide the following information for each glycol dehydration unit: Please include an extended gas analysis in Section 6 of this application.

Unit #	Glycol Pump Circulation Rate

**Voluntary Monitoring in Accordance with §40 CFR 60.5416(a):** Check the box(s) to implement a program that meets the requirements of 40 CFR 60.5416(a). This monitoring program will be conducted in lieu of the monitoring requirements established in the GCP-Oil and Gas for individual equipment. Ceasing to implement this alternative monitoring must be reported in an updated Registration Form to the Department.

- Condition A205.B Control Device Options, Requirements, and Inspections for Tanks
- Condition A206.B Truck Loading Control Device Inspection
- Condition A206.C Vapor Balancing During Truck Loading
- Condition A209.A Vapor Recovery Unit or Department-approved Equivalent
  - Condition A210.B Amine Unit Control Device Inspection

#### Fugitive H2S Screening Threshold and Monitoring in accordance with Condition A212: Check the box that applies.

 $\boxtimes$  Condition A212.A does not apply because the facility is below the fugitive H<sub>2</sub>S screening threshold in Condition A212, or

Condition A212.A applies. Because the facility is above the fugitive H<sub>2</sub>S screening threshold in Condition A212, or the facility is voluntarily complying with Condition A212.A, and Condition A212.A applies

# Section 6

# **Information Used to Determine Emissions**

Check the box for each type of information submitted. This documentation is required. If applicable to the facility.

#### Failure to include applicable supporting documentation may result in application denial.

Specifications for control equipment, including control efficiency specifications and sufficient engineering data for verification of control equipment operation, including design drawings, test reports, and design parameters that affect normal operation.

Engine or Generator Manufacturer specifications

Catalyst Manufacturer specifications (If a catalyst is being utilized to reduce emissions, the catalyst manufacturer emission factors must be used in all emission calculations. A 25% safety factor may be applied to each pollutant.

□ NSPS JJJJ emission factors **may not** be utilized in lieu of catalyst manufacture specifications when a catalyst is installed, and the catalysts manufacturer achieves higher control efficiency.

Flare Manufacturer specifications

Oil/Liquid Analysis: This data is required to match the inputs in all applicable emission calculations. For facilities that have not been constructed and a representative analysis is used it cannot be older than 1 year. For existing facilities, the gas analyses required by Condition A201.A (must be 1 year old or less).

 $\boxtimes$  Gas Analysis (must be 1 year old or less) This data is required to match the inputs in all applicable emission calculations.

Extended Gas Analysis (must be 1 year old or less) This data is required to match the inputs in all applicable emission calculations.

 $\square$  If requesting to use a representative gas sample, include a discussion of why the sample is representative for this facility and an explanation of how it is representative (e.g., same reservoir, same similar API gravity, similar composition).

☐ If test data are used, to support emissions calculations or to establish allowable emission limits, include a copy of the complete test report. If the test data are for an emissions unit other than the one being permitted, the emission units must be identical. Test data may not be used if any difference in operating conditions of the unit being permitted and the unit represented in the test report significantly effect emission rates.

Fuel specifications sheet.

If computer models are used to estimate emissions, include an input summary and a detailed report, and a disk containing the input file used to run the model.

For tank-flashing emissions, include a discussion of the method used to estimate tank-flashing emissions, accuracy of the model, the **input and output** summary from simulation models and software, all calculations, documentation of any assumptions used, descriptions of sampling methods and conditions, copies of any lab sample analysis.

**<u>Representative Gas Analysis Justification:</u>** The J&L, the source of the sample used in this application, is located less than 2 miles away from the site. They are in the same formation and reservoir.

# Section 7

# Map(s)

<u>A map</u> such as a 7.5 minute topographic quadrangle showing the exact location of the source. The map shall also include the following:

The UTM or Longitudinal coordinate system on both axes	An indicator showing which direction is north
A minimum radius around the plant of 0.8km (0.5 miles)	Access and haul roads
Topographic features of the area	Facility property boundaries
The name of the map	A graphical scale

# **Section 8A**

# **Applicable State & Federal Regulations**

**Provide a discussion demonstrating compliance with each applicable state & federal regulation**. All input cells should be filled in, even if the response is 'No' or 'N/A'.

In the "Justification" column, identify the criteria that are critical to the applicability determination, numbering each. For each unit listed in the "Applies to Unit No(s)" column, after each listed unit, include the lowest level citation of the applicable regulation. For each unit, list the information necessary to verify the applicability of the regulation, including date of manufacture, date of construction, size (hp), and combustion type. Doing so will provide the applicability criteria for each unit.

STATE REGU- LATIONS CITATION	Title	Federally Enforceable	Overview of Regulation	Unit(s) or Facility	Applies? (Yes or No)	<b>JUSTIFICATION:</b> Identify the applicability criteria, numbering each (i.e. 1. Post 7/23/84, 2. 75 m <sup>3</sup> , 3. VOL)
20.2.1 NMAC	General Provisions	Yes	General Provisions apply to Notice of Intent, Construction, and Title V permit applications.	Facility	Yes	See 20.2.1.6
20.2.3 NMAC	Ambient Air Quality Standards NMAAQS	Yes	20.2.3 NMAC is a State Implementation Plan (SIP) approved regulation that limits the maximum allowable concentration of Sulfur Compounds, Carbon Monoxide, and Nitrogen Dioxide.	Facility	Yes	This application is in compliance with 20.2.3.110 and 20.2.3.111.
20.2.7 NMAC	Excess Emissions	Yes	If your entire facility or individual pieces of equipment are subject to emissions limits in a permit or numerical emissions standards in a federal or state regulation, this applies.	Facility	Yes	20.2.7.108
20.2.38 NMAC	Hydrocarbon Storage Facility	No	Use the regulation link (left) then cut & paste applicable sections.	TK-1, TK-2, TK-3	Yes	20.2.38.112 The facility has an oil storage capacity greater than 65,000 gallons and was constructed after January 1, 1975.
20.2.61.109 NMAC	Smoke & Visible Emissions	No	Engines and heaters are Stationary Combustion Equipment. Specify units subject to this regulation.	N/A	No	Subject engines are not present at the facility.
20.2.73 NMAC	NOI & Emissions Inventory Requirements	Yes	<ul> <li>NOI: 20.2.73.200 NMAC applies to all facilities emitting over 10 TPY of any regulated air contaminate. Thus, permitted facilities are also subject to this rule. This GCP-O&amp;G registration also serves the purpose of meeting 20.2.73 the NMAC notification requirements.)</li> <li>Emissions Inventory: 20.2.73.300.A(1) NMAC applies to facilities registering under the GCP. Emission Inventory reporting is required upon request by the department per 20.2.73.300.B(4) NMAC.</li> </ul>	Facility	Yes	Under 20.2.73.300.B(4) NMAC, the NMED is requesting emissions inventory reporting from minor sources for <b>calendar</b> <b>year 2020</b> .
20.2.77 NMAC	New Source Performance	Yes	This is a stationary source which is subject to the requirements of 40 CFR Part 60, as amended on the date of certification.	N/A	No	The facility is not subject to any subparts in 40 CFR 60.

#### **Applicable STATE REGULATIONS:**

STATE REGU- LATIONS CITATION	Title	Federally Enforceable	Overview of Regulation	Unit(s) or Facility	Applies? (Yes or No)	<b>JUSTIFICATION:</b> Identify the applicability criteria, numbering each (i.e. 1. Post 7/23/84, 2. 75 m <sup>3</sup> , 3. VOL)
20.2.78 NMAC	Emission Standards for HAPS	Yes	This facility emits hazardous air pollutants which are subject to the requirements of 40 CFR Part 61, as amended on the date of certification.	N/A	No	The facility is not subject to any subparts in 40 CFR 61.
20.2.82 NMAC	MACT Standards for source categories of HAPS	Yes	This regulation applies to all sources emitting hazardous air pollutants, which are subject to the requirements of 40 CFR Part 63, as amended on the date of certification.	N/A	No	The facility is not subject to any subparts in 40 CFR 63.

# Applicable **FEDERAL** REGULATIONS (This is not an exhaustive list; add applicable regulations such as NSPS GG and KKKK):

as NSPS GG and KI FEDERAL REGU- LATIONS CITATION	Title	Overview of Regulation	Units(s) or Facility	Applies? (Yes or No)	JUSTIFICATION: Identify the applicability criteria, numbering each (i.e. 1. Post 7/23/84, 2. 75 m3, 3. VOL)
40 CFR 50	NAAQS	Defined as applicable at 20.2.70.7.E.11, Any national ambient air quality standard	N/A	No	No specific requirements under Part 50.
40 CFR 60, Subpart A	General Provisions	Applies if any other NSPS subpart applies.	N/A	No	The facility is not subject to any subparts in 40 CFR 60.
40 CFR 60, Subpart OOOO	Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015	If there is a standard or other requirement, then the facility is an "affected facility." Currently there are standards for: gas wells (60.5375); centrifugal compressors (60.5380); reciprocating compressors (60.5385): controllers (60.5390); storage vessels (60.5395); equipment leaks (60.5400); sweetening units (60.5400); sweetening units (60.5405). If standards apply, list the unit number(s) and regulatory citation of the standard that applies to that unit (e.g. Centrifugal Compressors 1a- 3a are subject to the standards at 60.5380(a)(1) and (2) since we use a control device to reduce emissions)	N/A	No	The facility was constructed prior to August 23, 2011. Therefore, this subpart does not apply.
40 CFR 60, Subpart OOOOa	Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	If there is a standard or other requirement, then the facility is an "affected facility." Currently there are standards for: gas wells (60.5375a); centrifugal compressors (60.5380a); reciprocating compressors (60.5385a): controllers (60.5390a); storage vessels (60.5395a); fugitive emissions at well sites and compressor	N/A	No	The facility was constructed prior to September 18, 2015. Therefore, this subpart does not apply

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FEDERAL REGU- LATIONS CITATION	Title	Overview of Regulation	Units(s) or Facility	Applies? (Yes or No)	JUSTIFICATION: Identify the applicability criteria, numbering each (i.e. 1. Post 7/23/84, 2. 75 m3, 3. VOL)
		stations (60.5397a); equipment leaks at gas plants (60.5400a); sweetening units (60.5405a).			
40 CFR 60, Subpart IIII	Standards of performance for Stationary Compression Ignition Internal Combustion Engines	See 40 CFR 60.4200(a) 1 through 4 to determine applicable category and state engine size, fuel type, and date of manufacture.	N/A	No	Subject engines are not present at the facility.
40 CFR 60, Subpart JJJJ	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	See 40 CFR 60.4230(a), 1 through 5 to determine applicable category and state engine size, fuel type, and date of manufacture.	N/A	No	Subject engines are not present at the facility.
40 CFR 63, Subpart A	General Provisions	Applies if any other subpart applies.	N/A	No	The facility is not subject to any subparts in 40 CFR 63.
40 CFR 63, Subpart HH	NESHAP for Glycol Dehydrators	See 40 CFR 63, Subpart HH	N/A	No	Subject equipment are not present at the facility.
40 CFR 63, Subpart ZZZZ	NESHAP for Stationary Reciprocating Internal Combustion Engines ( <b>RICE MACT</b> )	Facilities are subject to this subpart if they own or operate a stationary RICE, except if the stationary RICE is being tested at a stationary RICE test cell/stand.	N/A	No	Subject engines are not present at the facility.

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## Section 8B Compliance Test History

To evaluate the requirement for compliance tests, you must submit a compliance test history. The table below provides an example.

### Compliance Test History Table (Modify this sample table to suit your facility and add rows as necessary)

Unit No.	Test Description	Test Date	
N/A	None known.	N/A	

### **Section 9 Proof of Public Notice**

## **General Posting of Notice**

Signed this <u>22</u> da	ay of <u>August</u> ,,	2022 ,
Signature		8/22/2022 Date
Glenda De Leon Printed Name	Senior Air Quality Specialist Title	

### **Newspaper Publication of Notice**

An original or copy of the actual newspaper advertisement posted in a newspaper in general circulation in the applicable county is attached. The original or copy of the advertisement includes the header showing the date and newspaper or publication title.

#### OR

An affidavit from the newspaper or publication in general circulation in the applicable county stating that the advertisement was published is attached. The affidavit includes the date of the advertisement's publication, and a legible photocopy of the entire ad.

\_\_\_\_\_8/22/2022\_\_\_\_\_ Date

_Glenda De Leon	_Senior Air Quality Specialist
Printed Name	Title

### **GCP-Oil and Gas PUBLIC NOTICE EXAMPLE**

20.2.72 NMAC – General Permits, Section 220.A(2)(b)ii



Scout Energy Management LLC announces its intent to apply to the New Mexico Environment Department for an air quality General Construction Permit, (GCP-Oil and Gas). The name of this facility is Scout Energy - West Dollarhide Drinkard Unit Central Battery. The expected date of the submittal of our Registration for an air quality permit to the Air Quality Bureau is August 24, 2022. This notice is a requirement according to New Mexico air quality regulations.

The exact initial location of the facility is/will be **"UTM Zone 13, UTM Easting 680300, UTM Northing 3561930"** The approximate location of this site is **7.4** miles **northeast** of **Jal** in **Lea** county. The standard operating schedule of this facility will be continuous.

Air emissions of any regulated air contaminant will be less than or equal to:

	Tons per year (TPY)
1. Nitrogen Oxides (NO <sub>x</sub> )	95
2. Carbon Monoxide (CO)	95
3. Volatile Organic Compounds (VOC) (stack)	95
4. Particulate Matter (PM10)	25
5. Particulate Matter (PM2.5)	25
6. Sulfur Dioxide (SO <sub>2</sub> )	95
7. Hydrogen Sulfide (H2S)	25
8. Any one (1) Hazardous Air Pollutant (HAP)	<10
9. Sum of all Hazardous Air Pollutants (HAPs)	< 25

### The owner and/or operator of the Plant is: Glenda De Leon, Scout Energy Management LLC, 13800 Montfort Drive, Suite 100, Dallas, TX 75240

If you have any questions or comments about construction or operation of above facility, and want your comments to be made as a part of the permit review process, you must submit your comments in writing to the address below:

New Mexico Environment Department Air Quality Bureau Permit Section 525 Camino de los Marquez, Suite 1 Santa Fe, New Mexico, 87505 Phone (505) 476-4300 Fax (505) 476-4375

Other comments and questions may be submitted verbally.

## Please refer to the company name and site name, as used in this notice or send a copy of this notice along with your comments, since the Department may not have received the permit Registration at the time of this notice.

### Attención

Este es un aviso de la oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor comuníquese con esa oficina al teléfono 505-372-8373.

### Notice of Non-Discrimination

NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Part 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, or if you believe that you have been

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discriminated against with respect to a NMED program or activity, you may contact: Kathryn Becker, Non-Discrimination Coordinator, NMED, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@state.nm.us. You may also visit our website at https://www.env.nm.gov/non-employee-discrimination-complaint-page/ to learn how and where to file a complaint of discrimination.



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## Section 10 Certification

Company Name: Scout Energy Management LLC

I, \_\_Nick Tunnell\_\_\_\_\_, hereby certify that the information and data submitted in this Registration are

true and as accurate as possible, to the best of my knowledge and professional expertise and experience.

Signed this	22	_ day of _	August	 	2022	, upon my oath or affirmation, before a notary of the
State of	Tevas					

Konne

\*Signature

Nick Tunnell Printed Name

Scribed and sworn before me on this 22 rd day of August

My authorization as a notary of the State of \_\_\_\_\_\_ Texas \_\_\_\_\_\_ expires on the

2024 hua day of

Notary's Signature

Notary's Printed Name

8/22/2022

VP of Operations

2022

Date

Title

SONJA BRIDGES Notary Public, State of Texas Comm. Expires 08-08-2024 Notary ID 126496834

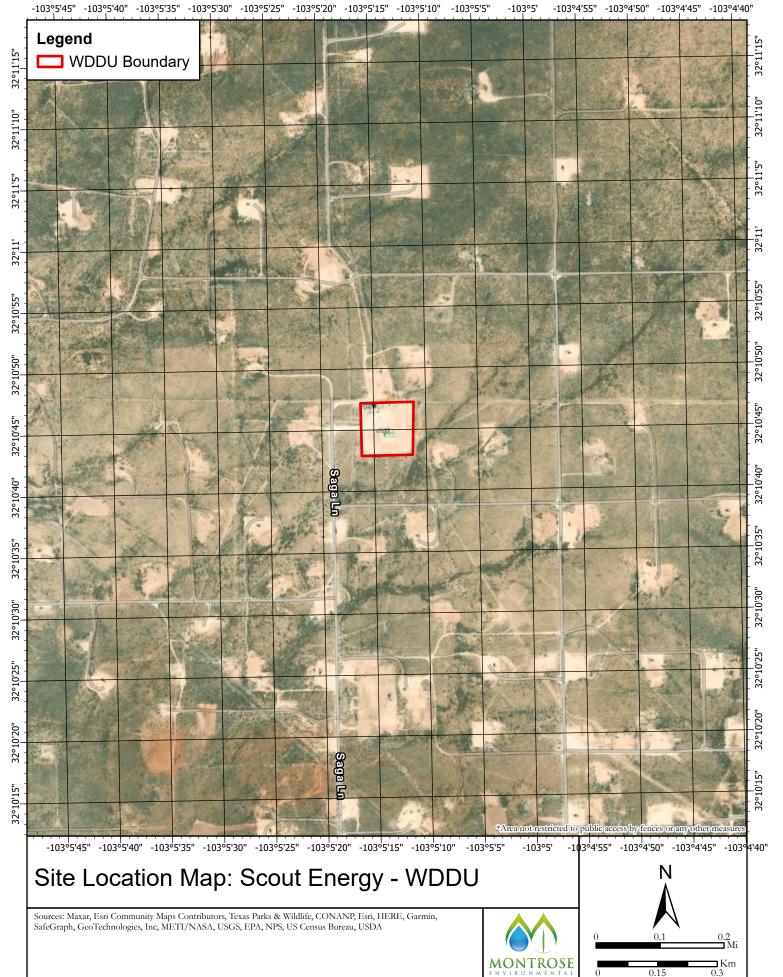
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## **ATTACHMENT 4**

## Section 7 Map

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-103°5'



## **ATTACHMENT 5**

## Section 8A Federal Regulatory Applicability Review



## SECTION 8A: POTENTIALLY APPLICABLE FEDERAL REGULATIONS

## New Source Performance Standards (NSPS) [40 CFR 60]

### Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission, and Distribution

This subpart applies to owners or operators of onshore affected facilities as defined in the subpart, for which construction, modification, or reconstruction is commenced after August 23, 2011 and on or before September 18, 2015. The facility was constructed prior to August 23, 2011. Therefore, this subpart does not apply.

## Subpart OOOOa - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015

This subpart applies to owners or operators of onshore affected facilities as defined in the subpart, for which construction, modification, or reconstruction is commenced after September 18, 2015. The facility was constructed prior to September 18, 2015. Therefore, this subpart does not apply.

# National Emission Standards for Hazardous Air Pollutants (NESHAPs) [40 CFR 61]

## Subpart J - National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene

This subpart applies to sources (pumps, compressors, etc.) in benzene service. None of the equipment meets the definition of "in benzene service" as all of the streams contain less than 10 percent by weight benzene. Therefore, this subpart does not apply.

## Subpart V - National Emission Standard for Equipment Leaks (Fugitive Emission Sources)

This subpart applies to sources (pumps, compressors, etc.) in volatile hazardous air pollutant (VHAP) service. None of the equipment meets the definition of "in VHAP service" as all of the streams contain less than 10 percent by weight VHAP. Therefore, this subpart does not apply.



# National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Source Categories [40 CFR 63]

## Subpart F - National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry

The facility is not a major source of HAP. Therefore, this subpart does not apply.

## Subpart H - National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks

This subpart applies to sources (pumps, compressors, etc.) in organic hazardous air pollutant (HAP) service 300 hours or more during the calendar year within a source subject to the provisions of a specific subpart in 40 CFR 63 Part 63 that references this subpart. None of the equipment meets the definition of "in organic HAP service" as all of the streams contain less than 5 percent by weight organic HAP. Additionally, the facility is not subject to another subpart that references this subpart. Therefore, this subpart does not apply.

## Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities

The facility would be considered an area source of HAP. For area sources, § 63.760(b)(2) of this subpart defines an affected sources as one that includes a triethylene glycol (TEG) dehydration unit meeting the criteria specified in § 63.760(a). A TEG dehydration unit is not present at the facility. Per § 63.760(d), the requirements of this subpart do not apply because the facility does not meet the definition of an affected source.

### Subpart OO - National Emission Standards for Tanks - Level 1

This subpart only applies if another subpart references the use of this subpart for air emission control. The facility is not subject to another subpart that references this subpart. Therefore, this subpart does not apply.

### Subpart TT - National Emission Standards for Equipment Leaks - Control Level 1

This subpart only applies if another subpart references the use of this subpart for air emission control. The facility is not subject to another subpart that references this subpart. Therefore, this subpart does not apply.

### Subpart UU - National Emission Standards for Equipment Leaks - Control Level 2 Standards

This subpart only applies if another subpart references the use of this subpart for air emission control. The facility is not subject to another subpart that references this subpart. Therefore, this subpart does not apply.



## Subpart VV - National Emission Standards for Oil-Water Separators and Organic-Water Separators

This subpart only applies if another subpart references the use of this subpart for air emission control. The facility is not subject to another subpart that references this subpart. Therefore, this subpart does not apply.

## Subpart WW - National Emission Standards for Storage Vessels (Tanks) - Control Level 2

This subpart only applies if another subpart references the use of this subpart for air emission control. The facility is not subject to another subpart that references this subpart. Therefore, this subpart does not apply.

## Subpart FFFF - National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing

The facility is not a major source of HAP. Therefore, this subpart does not apply.



## **ATTACHMENT 6**

## Newspaper Publication of Notice Affidavit

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## Affidavit of Publication

STATE OF NEW MEXICO COUNTY OF LEA

I. Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

> Beginning with the issue dated August 17, 2022 and ending with the issue dated August 17, 2022.

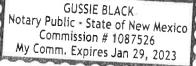
fussel

Publisher

Sworn and subscribed to before me this 17th day of August 2022.

Business Manager

My commission expires January 29, 2023 (Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL NOTICE August 17, 2022

Page 47 of 54

Scout Energy Management LLC announces its intent to apply to the New Mexico Environment Department for an air quality General Construction Permit, (GCP-OII and Gas). The name of this facility is Scout Energy - West Dollarhide Drinkard Unit Central Battery. The expected date of the submittal of our Registration for an air quality permit to the Air Quality Bureau is August 24, 2022. This notice is a requirement according to New Mexico air quality regulations. regulations.

The exact initial location of the facility is/will be "UTM Zone 13, UTM Easting 680300, UTM Northing 3561930" The approximate location of this site is 7.4 miles northeast of Jal in Lea county. The standard operating schedule of this facility will be continued and the standard operating schedule of this facility will be continued as a standard operating schedule of this facility will be continued as a standard operating schedule of this facility will be continued as a standard operating schedule of this facility will be continued as a standard operating schedule of this facility will be continued as a standard operating schedule of this facility will be approximate to the standard operating schedule of the standard operating schedule operating schedule operating schedule operating schedule of the standard operating schedule operating schedule of the standard operating schedule operating schedule operating schedule of the standard operating schedule facility will be continuous.

Air emissions of any regulated air contaminant will be less than or equal to:

Nitrogen Oxides (NOx)	Tons per year (TPY) 95
Carbon Monoxide (CO)	95
Volatile Organic Compounds (VOC) (stack)	95
Particulate Matter (PM10)	25
Particulate Matter (PM2.5)	25
Sulfur Dioxide (SO2)	95
Hydrogen Sulfide (H2S)	25
Any one (1) Hazardous Air Pollutant (HAP)	<10
. Sum of all Hazardous Air Pollutants (HAPs)	< 25
the second se	

The owner and/or operator of the Plant is: Glenda De Leon, Scout Energy Management LLC, 13800 Montfort Drive, Suite 100, Dallas, TX 75240

If you have any questions or comments about construction or operation of above facility, and want your comments to be made as a part of the permit review process, you must submit your comments in writing to the address below:

New Mexico Environment Department Air Quality Bureau Permit Section Santa Fe, New Mexico, 87505 Phone (505) 476-4300 Fax (505) 476-4375

1. Nitroge

2. Carbon 3. Volatile

4. Particul 5. Particul

Any one Sum of 8.

6. 7.

Other comments and questions may be submitted verbally.

Please refer to the company name and site name, as used in this notice or send a copy of this notice along with your comments, since the Department may not have received the permit Registration at the time of this notice.

Atención Este es un aviso de la oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor comuníquese con esa oficina al teléfono 505-372-8373.

### Notice of Non-Discrimination

NMED does not discriminate on the basis of race, color, national origin, disability, NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Part 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, or if you believe that you have been discriminated against with respect to a NMED program or activity, you may contact: Kathryn Becker, Non-Discrimination Coordinator, NMED, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@state.nm.us. You may also visit our website at https://www.env.nm.gov/non-employee-discrimination complaintpage/ to learn https://www.env.nm.gov/non-employee-discrimination complaintpage/ to learn how and where to file a complaint of discrimination. #37940

### 67117423

00269941

REBECCA McBRIDE MONTROSE ENVIRONMENTAL 400 NORTHRIDGE ROAD SUITE 400 SANDY SPRINGS, GA 30350

Released to Imaging: 1/9/2023 12:41:49 PM

	HOLE	FIELD		WELL		SURFACE
WELL NAME	DIRECT	CODE	ΑΡΙ	TYPE	COUNTY	LATITUDE
WDDU 4 DHTD	VERTICAL	U88	300251221900		LEA	32.20525
WDDU 30 DHTD	VERTICAL	U88	300251226700		LEA	32.18626
WDDU 74 DHTD	VERTICAL	U88	300251235300	OIL WELL	LEA	32.16450
WDDU 81 DHTD	VERTICAL	U88	300251238500	OIL WELL	LEA	32.16183
WDDU 87 DHTD	VERTICAL	U88	300251239300	OIL WELL	LEA	32.15820
WDDU 96 DHTD	VERTICAL	U88	300253023000	OIL WELL	LEA	32.17677
WDDU 98 DHTD	VERTICAL	U88	300253087700	OIL WELL	LEA	32.18784
WDDU 100 DHTD	VERTICAL	U88	300253082200	OIL WELL	LEA	32.18405
WDDU 102 DHTD	VERTICAL	U88	300253082400	OIL WELL	LEA	32.17306
WDDU 106 DHTD	VERTICAL	U88	300253082800	OIL WELL	LEA	32.17010
WDDU 113H DHTD	IORIZONTA	U88	300253148201	OIL WELL	LEA	32.16671
WDDU 115H DHTD	IORIZONTA	U88	300253148301	OIL WELL	LEA	32.16602
WDDU 118H DHTD	IORIZONTA	U88	300253150001	OIL WELL	LEA	32.16328
WDDU 123H DHTD	IORIZONTA	U88	300253197101	OIL WELL	LEA	32.16983
WDDU 124 DHTD	VERTICAL	U88	300253236900	OIL WELL	LEA	32.16552
WDDU 125 DHTD	VERTICAL	U88	300253197200	OIL WELL	LEA	32.16950
WDDU 126H DHTD	IORIZONTA	U88	300253197301	OIL WELL	LEA	32.17312
WDDU 127 DHTD	VERTICAL	U88	300253197400	OIL WELL	LEA	32.17357
WDDU 128 DHTD	VERTICAL	U88	300253197500	OIL WELL	LEA	32.17720
WDDU 129 DHTD	VERTICAL	U88	300253201400	OIL WELL	LEA	32.17691
WDDU 136 DHTD	VERTICAL	U88	300253209000	OIL WELL	LEA	32.19487
WDDU 137 DHTD	VERTICAL	U88	300253208800	OIL WELL	LEA	32.19852
WDDU 142 DHTD	VERTICAL	U88	300253237100	OIL WELL	LEA	32.18467
WDDU 143 DHTD	VERTICAL	U88	300253244400	OIL WELL	LEA	32.19059
WDDU 145 DHTD	VERTICAL	U88	300253237300	OIL WELL	LEA	32.17347
WDDU 147 DHTD	VERTICAL	U88	300253284300	OIL WELL	LEA	32.17348
WDDU 148 DHTD	VERTICAL	U88	300253277400	OIL WELL	LEA	32.17329
WDDU 149H DHTD	IORIZONTA	U88	300253277001	OIL WELL	LEA	32.16678
WDDU 153 DHTD	VERTICAL	U88	300253340100	OIL WELL	LEA	32.16962
WDDU 158 DHTD	VERTICAL	U88	300253340500	OIL WELL	LEA	32.17662
WDDU 159 DHTD	VERTICAL	U88	300253348000	OIL WELL	LEA	32.18350
WDDU 160 DHTD	VERTICAL	U88	300253989700	OIL WELL	LEA	32.18838
WDDU 161 DHTD	VERTICAL	U88	300253989800	OIL WELL	LEA	32.18464
WDDU 162 DHTD	VERTICAL	U88	300254000400	OIL WELL	LEA	32.18458
WEST DOLLARHIDE (DRINKARD) UNI	VERTICAL	U88	300253197102	OIL WELL	LEA	32.16983

		BOTTOMH			
	воттомн	OLE			
SURFACE	OLE	LONGITUD			
LONGTUDE	LATITUDE	Е	FIELD NAME	Battery	STATUS
-103.10438	32.20525	-103.10438	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.10007	32.18626	-103.10007	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.06604	32.16450	-103.06604	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.08725	32.16183	-103.08725	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.07560	32.15820	-103.07560	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.09000	32.17677	-103.09000	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.09103	32.18784	-103.09103	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.09012	32.18405	-103.09012	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.08632	32.17306	-103.08632	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.08166	32.17010	-103.08166	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.08663	32.16807	-103.08067	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.07766	32.16605	-103.07453	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.08294	32.16325	-103.07585	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.09001	32.16987	-103.08678	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.06907	32.16552	-103.06907	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.06892	32.16950	-103.06892	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.07308	32.17286	-103.06662	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.06881	32.17357	-103.06881	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.07299	32.17720	-103.07299	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.07752	32.17691	-103.07752	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.09811	32.19487	-103.09811	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.09844	32.19852	-103.09844	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.08184	32.18467	-103.08184	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.09099	32.19059	-103.09099	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.08381	32.17347	-103.08381	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.08862	32.17348	-103.08862	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.09438	32.17329	-103.09438	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.09012	32.16588	-103.08671	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.07109	32.16962	-103.07109	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.08817	32.17662	-103.08817	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.09260	32.18350	-103.09260	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.08598	32.18838	-103.08598	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.08597	32.18464	-103.08597	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.09839	32.18458	-103.09839	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE
-103.09001	32.16984	-103.09389	FLD-DOLLARHIDE PRIMARY	WDDU	ACTIVE

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

Operator:	OGRID:
SCOUT ENERGY MANAGEMENT LLC	330949
13800 Montfort Road	Action Number:
Dallas, TX 75240	174095
	Action Type:
	[C-129] Amend Venting and/or Flaring (C-129A)

#### 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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Action 174095

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

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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 174095

Q	JEST	IONS

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QUE	ESTIONS	
		Action Type: [C-129] Amend Venting and/or Flaring (C-129A)
SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	Action Number: 174095	
	330949	
Op	erator:	OGRID:

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 Operator	[330949] SCOUT ENERGY MANAGEMENT LLC	
Incident Type	Flare	
Incident Status	Closure Approved	
Incident Well	[30-025-12219] WEST DOLLARHIDE DRINKARD UNIT #004	
Incident Facility	Unavailable.	
Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section) that are assigned to your current operator can be amended with this C-129A application.		

#### 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 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 vo Was there <b>at least 50 MCF</b> of natural gas vented and/or flared during this event	enting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC. 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	Νο		
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	Νο		

### Equipment Involved

Primary Equipment Involved	Production Tank		
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	52
Nitrogen (N2) percentage, if greater than one percent	4
Hydrogen Sulfide (H2S) PPM, rounded up	1
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 req	uired specifications for each gas.
Methane (CH4) percentage quality requirement	0
Nitrogen (N2) percentage quality requirement	0
Hydrogen Sufide (H2S) PPM quality requirement	0
Carbon Dioxide (C02) percentage quality requirement	0
Oxygen (02) percentage quality requirement	0

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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

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QUESTIONS, Page 2

Action 174095

**QUESTIONS** (continued)

Operator:	OGRID:
SCOUT ENERGY MANAGEMENT LLC	330949
13800 Montfort Road	Action Number:
Dallas, TX 75240	174095
	Action Type:
	[C-129] Amend Venting and/or Flaring (C-129A)

#### QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	03/18/2022
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours 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: Midstream Emergency Maintenance   Pipeline (Any)   Natural Gas Flared   Released: 348 Mcf   Recovered: 0 Mcf   Lost: 348 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	Yes
Downstream OGRID that should have notified this operator	[24650] TARGA MIDSTREAM SERVICES LLC
Date notified of downstream activity requiring this vent or flare	03/16/2022
Time notified of downstream activity requiring this vent or flare	03:57 PM

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 pipeline repair by targa that rendered our sales
Steps taken to limit the duration and magnitude of vent or flare	3rd party issue out of our control
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	3rd party issue out of our control

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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

Operator:	OGRID:
SCOUT ENERGY MANAGEMENT LLC	330949
13800 Montfort Road	Action Number:
Dallas, TX 75240	174095
	Action Type:
	[C-129] Amend Venting and/or Flaring (C-129A)

#### ACKNOWLEDGMENTS

$\overline{\lor}$	I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.
M	I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.
	I hereby certify the statements in this amending 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.
M	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.

Action 174095

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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

Operator:	OGRID:
SCOUT ENERGY MANAGEMENT LLC	330949
13800 Montfort Road	Action Number:
Dallas, TX 75240	174095
	Action Type:
	[C-129] Amend Venting and/or Flaring (C-129A)

#### CONDITIONS

Created By		Condition Date
dfuentes	If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	1/9/2023

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Action 174095