

## MANLEY GAS TESTING, INC.

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

FAX(432)367-1166

ODESSA, TEXAS 79760  
E-MAIL: MANLEYGAST@AOL.COMCHARGE..... 45 - 1  
REC. NO. .... 0  
TEST NUMBER.. 11847  
SAMPLE TYPE.. SPOTDATE 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 J PRODUCTION GAS  
RECEIVED FROM.. SCOUT ENERGY  
LOCATION ..... ODESSA TEXAS

FLOWING PRESSURE ..... 14 PSIG

FLOWING TEMPERATURE ..... 68 F

SAMPLED BY: WS

ANALYZED BY. ... JT

FRACTIONAL ANALYSIS  
CALCULATED @ 14.730 PSIA AND 60F

	MOL%	GPM (REAL)	
HYDROGEN SULFIDE...	0.5000		
NITROGEN.....	4.4315		
CARBON DIOXIDE.....	1.8389		
METHANE.....	51.1622		
ETHANE.....	16.9898	4.575	H2S PPMV = 5000
PROPANE.....	14.2783	3.960	
ISO-BUTANE.....	1.2613	0.416	
NOR-BUTANE.....	5.2584	1.669	
ISO-PENTANE.....	0.8990	0.331	'Z' FACTOR (DRY) = 0.9931
NOR-PENTANE.....	1.6158	0.590	'Z' FACTOR (WET) = 0.9926
HEXANES +.....	1.7648	0.776	
TOTALS .....	100.0000	12.317	

## ..CALCULATED SPECIFIC GRAVITIES..

IDEAL, DRY..... 1.0041  
IDEAL, WET ..... 0.9974  
REAL, DRY ..... 1.0107  
REAL, WET ..... 1.0044

## ..CALCULATED GROSS HEATING VALUES..

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: 

## MANLEY GAS TESTING, INC.

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ODESSA, TEXAS 79760  
E-MAIL: MANLEYGAST@AOL.COMCHARGE..... 45 - 1  
REC. NO. .... 0  
TEST NUMBER.. 11848  
SAMPLE TYPE.. SPOTDATE 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 PRODUCTION GAS  
RECEIVED FROM.. SCOUT ENERGY  
LOCATION ..... ODESSA TEXAS

FLOWING PRESSURE ..... 12 PSIG

FLOWING TEMPERATURE ..... 70 F

SAMPLED BY: WS

ANALYZED BY. ... JT

FRACTIONAL ANALYSIS  
CALCULATED @ 14.730 PSIA AND 60F

MOL% GPM (REAL)

HYDROGEN SULFIDE...	1.0000	
NITROGEN.....	3.5195	
CARBON DIOXIDE.....	1.3309	
METHANE.....	51.5502	
ETHANE.....	15.7217	4.234
PROPANE.....	14.8367	4.116
ISO-BUTANE.....	1.5067	0.497
NOR-BUTANE.....	5.7888	1.838
ISO-PENTANE.....	1.1579	0.426
NOR-PENTANE.....	1.5359	0.561
HEXANES +.....	2.0517	0.901
TOTALS .....	100.0000	12.573

H2S PPMV = 10000

'Z' FACTOR (DRY) = 0.9927

'Z' FACTOR (WET) = 0.9922

## ..CALCULATED SPECIFIC GRAVITIES..

IDEAL, DRY.....	1.0202
IDEAL, WET .....	1.0132
REAL, DRY .....	1.0273
REAL, WET .....	1.0208

## ..CALCULATED GROSS HEATING VALUES..

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:

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APPROVED:





13800 Montfort Dr, Ste. 100  
Dallas, TX 75240  
972-277-1397 [www.scoutep.com](http://www.scoutep.com)

May 4, 2023

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

RE: Flaring Calculations or Specific Justification for the Volumes.

Scout Energy Management LLC would like to report a flaring event that started at 9:00 a.m. Wednesday 19, 2023 and ended at 8:59 p.m. Thursday 20, 2023.  
Calculations were not done as all volumes are true meter readings and are listed below:

- 04/21/2023 = WDDU = 231 mcf/d – reported

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

Regards,

Lee Ellison  
[lellison@scoutep.com](mailto:lellison@scoutep.com)  
(972) 325-1096  
13800 Montfort Drive, Ste.100  
Dallas, TX 75240



13800 Montfort Dr, Ste. 100  
Dallas, TX 75240  
972-277-1397 [www.scoutep.com](http://www.scoutep.com)

May 4, 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 Unit, Frisco, State BB & L, Erwin,  
                  Lea County, New Mexico

Scout Energy Management LLC. is submitting a request to flare casinghead gas at the following lease facilities: The leases above will be flaring for 7 to possibly 10 days, commencing date Friday 04/21/2023 at 9:00 a.m. through end date Saturday 04/22/2023. The flaring is due to our gas purchaser, Targa Midstream, shutting down their system for repairs. Scout has worked through multiple options to get the gas offloaded to another purchaser and determined that it will not be economically viable. Flaring for all leases documented is necessary for Scout to produce recoverable oil from wells.

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

Regards,

Lee Ellison  
[lellison@scoutep.com](mailto:lellison@scoutep.com)  
(972) 497-2863  
13800 Montfort Drive, Ste.100  
Dallas, TX 75240





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](mailto:joseph.kimbrell@state.nm.us).

Sincerely,

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

cc via email: Rebecca McBride, Montrose Environmental, [rmcbride@montrose-env.com](mailto:rmcbride@montrose-env.com)  
Glenda De Leon, Scout Energy Management LLC, [glenda.deleon@scoutep.com](mailto:glenda.deleon@scoutep.com)

SCIENCE | INNOVATION | COLLABORATION | COMPLIANCE



## 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

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**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.*

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**ASSESSMENTS**

Air Quality, PRN20220001, Air - General Review Fee \$4,550.00

**INVOICED AMOUNT**

\$4,550.00

**CREDITS**

Payment (09/07/2022) \$4,550.00  
Total Credits: \$4,550.00

**BALANCE DUE**

\$0.00



Cut Here and Include Lower Portion with Payment

**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 DUE DATE:** 00/00/0000**Invoice Amount:** \$0.00**Amount Enclosed** \_\_\_\_\_**Please make checks payable to:****Mail payments to:****NMED Federal Tax ID#:** 85-6000565**New Mexico Environment Department, AQB****Air Quality Bureau****525 Camino de los Marquez, Suite 1****Santa Fe, NM 87505-1816****Telephone:** (505) 476-4300**Fax:** (505) 476-4375

Scout Energy Management LLC

at Energy - West Dollarhide Drinkard Unit Cen. Battery

August 22, 2022

<b>Mail To:</b> New Mexico Environment Department Air Quality Bureau Permit Program Manager 525 Camino de los Marquez, Suite 1 Santa Fe, New Mexico, 87505  Phone (505) 476-4300 Fax (505) 476-4375 <a href="http://www.env.nm.gov/air-quality/">www.env.nm.gov/air-quality/</a>		For Department use only:  <div style="text-align: center;"> <b>RECEIVED</b>   <b>SEP 02 2022</b>   <b>Air Quality Bureau</b> </div>
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## 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/](http://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: [www.env.nm.gov/forms/](http://www.env.nm.gov/forms/).

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) Company Information		AI # (if known): NA	If updating, provide Permit/NOI #: NA
1	Facility Name: Scout Energy - West Dollarhide Drinkard Unit Central Battery	Plant primary SIC Code (4 digits): 1311  Plant NAIC code (6 digits): 211120	
a	Facility Street Address (If no facility street address, check here <input checked="" type="checkbox"/> and provide directions in Section 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: 972-277-1397	

a	Plant Owner(s) Mailing Address(s): 13800 Montfort Drive, Suite 100, Dallas, TX 75240	
4	Bill To (Company): Scout Energy Management LLC	Phone/Fax: 972-277-1397
a	Mailing Address: 13800 Montfort Drive, Suite 100, Dallas, TX 75240	E-mail: glenda.deleon@scoutep.com
5	<input type="checkbox"/> Preparer: Rebecca McBride (Montrose Environmental Solutions) <input type="checkbox"/> Consultant: Rebecca McBride (Montrose Environmental Solutions)	Phone/Fax: 678-336-8550
a	Mailing Address: 400 Northridge Road, Suite 400, Sandy Springs, GA 30350	E-mail: rmcbride@montrose-env.com
6	Plant Operator Contact: Glenda De Leon	Phone/Fax: 972-277-1397
a	Mailing Address: 13800 Montfort Drive, Suite 100, Dallas, TX 75240	E-mail: glenda.deleon@scoutep.com
7	Air Permit Contact <sup>1</sup> : Glenda De Leon	Title: Senior Air Quality Specialist
a	E-mail: glenda.deleon@scoutep.com	Phone/Fax: 972-277-1397
b	Mailing Address: 13800 Montfort Drive, Suite 100, Dallas, TX 75240	
	<sup>1</sup> The Air Permit Contact will receive official correspondence from the Department.	
8	Will this facility operate in conjunction with other air regulated parties on the same property? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, what is the name and NOI or permit number (if known) of the other facility?	

**2) Applicability**

1	Is the facility located in Bernalillo County, on tribal lands, or in a nonattainment area?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
If you answered <b>Yes</b> to the question above, your facility <b>does not</b> qualify for this general construction permit.		
2	Is the facility's SIC code 1311, 1321, 4619, 4612 or 4922? (Other SIC codes may be approved provided that all the equipment at the facility is allowed in the GCP-Oil & Gas Permit.)	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
3	Does the regulated equipment under this GCP-Oil and Gas Registration include any combination of Allowable Equipment listed in Table 104 of the GCP Oil & Gas Permit, and no others?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
4	Will the regulated equipment as specified in this GCP-Oil and Gas Registration emit less than the total emissions in Table 106 of the GCP-Oil and Gas permit?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
5	Does all equipment comply with the stack parameter requirements as established in the GCP-Oil and Gas Permit?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
6	Equipment shall be at least 100 meters (m) from any stack to terrain that is five (5) or more meters above the top of the stack. Will the equipment at the facility meet this terrain requirement?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
7	Is the facility at least 150 m from any source that emits over 25 tons/year of NO <sub>x</sub> ? This is the distance between the two nearest stacks that emit NO <sub>x</sub> at each of the facilities. Not the facility boundaries or the center to center distances.	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
8	Is the facility at least 3 miles from any Class I area? This is the distance from the nearest facility boundary to the nearest boundary of the Class I area.	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes

If you answered **NO** to any of questions 2-8, your facility **does not** qualify for this general construction permit.**3) Current Facility Status**

1	Has this facility already been constructed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it currently operating in New Mexico? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
2	Does this facility currently have a construction permit or Notice of Intent (NOI) (20.2.72 NMAC or 20.2.73 NMAC)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, the permit No. or NOI No., and whether it will remain active or not:	
3	Is this Registration in response to a Notice of Violation (NOV)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, provide current permit #:	If yes, NOV date:	NOV Tracking No.
4	Check if facility is a: Minor Source: <input type="checkbox"/> Synthetic Minor Source: <input checked="" type="checkbox"/> (SM80 = Controlled Emissions > 80 TPY of any regulated air pollutant): <input type="checkbox"/>		

**4) Facility Location Information**

1	a) Latitude (decimal degrees): 32.179444	b) Longitude (decimal degrees): -103.087611	c) County: Lea	d) Elevation (ft): 3,182
2	a) UTM Zone: <input type="checkbox"/> 12 or <input checked="" type="checkbox"/> 13	b) UTME (to nearest 10 meters): 680,300 m	c) UTMN (to nearest 10 meters): 3,561,930 m	

3	e) Specify which datum is used: <input type="checkbox"/> NAD 27 <input type="checkbox"/> NAD 83 <input checked="" type="checkbox"/> WGS 84 See this link for more info. <a href="http://en.wikipedia.org/wiki/North_American_Datum">http://en.wikipedia.org/wiki/North_American_Datum</a>
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 (nearest town).
7	Land Status of facility (check one): <input type="checkbox"/> Private <input type="checkbox"/> Indian/Pueblo <input checked="" type="checkbox"/> Government <input type="checkbox"/> BLM <input type="checkbox"/> Forest Service <input type="checkbox"/> Military

**5) Other Facility Information**

1	Enter the maximum daily and annual throughput of oil, gas, and natural gas liquids (NGL).	<b>Oil (bbl/day): 387</b> <b>Gas (MMscf/day): 0</b> <b>NGL (bbl/day): 0</b>	<b>(bbl/yr): 141,255</b> <b>(MMscf/yr): 0</b> <b>(bbl/yr): 0</b>
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.	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	

**6) Submittal Requirements**

1	Include one hard copy <b>original signed and notarized Registration package printed double sided 'head-to-toe' 2-hole punched</b> as we bind the document on top, not on the side; except landscape tables, which should be <b>head-to-head</b> . 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	Include one <b>double sided hard copy, flip on long edge</b> for Department use. This <u>copy</u> does not need to be 2-hole punched.
3	<p>The entire Registration package should be submitted electronically on one compact disk (CD). Include a single PDF document of the entire Registration as submitted and the individual documents comprising the Registration. The documents should also be submitted in Microsoft Office compatible file format (Word, Excel, etc.) allowing us to access the text in the documents (copy &amp; paste). Any documents that cannot be submitted in a Microsoft Office compatible format shall be saved as a PDF file from within the electronic document that created the file. If you are unable to provide Microsoft office compatible electronic files or internally generated PDFs of files (items that were not created electronically: i.e. brochures, maps, graphics, etc.), submit these items in hard copy format. Spreadsheets must be unlocked since we must be able to review the formulas and inputs.</p> <p><b>Ensure all of these are included in both the electronic and hard copies.</b></p> <p><input checked="" type="checkbox"/> Word Document part of the Registration Form (Sections 1 and 3-10)  <input checked="" type="checkbox"/> Excel Document part of the Registration Form (Section 2)  <input checked="" type="checkbox"/> 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.  <input checked="" type="checkbox"/> PDF of entire application</p> <p><b>To avoid errors, it is best to start with both a blank version of this form and the AECT for each application.</b></p>



## Section 2

## Tables

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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.

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**Table 2-A: Regulated Emission Sources**

Unit and stack numbering must correspond throughout the application package. Equipment that qualifies for an exemption under 20.2.72.202.B NMAC should be included in Table 2-B **Note:** Equipment options are not authorized.

Unit Number <sup>1</sup>	Source Description	Manufacturer/Make /Model	Serial #	Manufacturer's Rated Capacity <sup>3</sup> (Specify Units)	Requested Permitted Capacity <sup>3</sup> (Specify Units)	Date of Manufacture <sup>2</sup>	Controlled by Unit #	Source Classification Code (SCC)	RICE Ignition Type (CI, SI, 4SLB, 2SLB) <sup>4</sup>	For Each Piece of Equipment, Check One
						Date of Construction/ Reconstruction <sup>2</sup>	Emissions vented to Stack #			
TK-1	1,000 bbl Crude Oil Storage Tank	Unknown	Unknown	Unknown	42,000 gal	Unknown	VRU; FL-1	31000133	N/A	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
						Unknown; Prior to 2011	N/A; FL-1			
TK-2	1,000 bbl Crude Oil Storage Tank	Unknown	Unknown	Unknown	42,000 gal	Unknown	VRU; FL-1	31000133	N/A	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
						Unknown; Prior to 2011	N/A; FL-1			
TK-3	1,000 bbl Crude Oil Storage Tank	Unknown	Unknown	Unknown	42,000 gal	Unknown	VRU; FL-1	31000133	N/A	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
						Unknown; Prior to 2011	N/A; FL-1			
T-GB	3,000 bbl Gunbarrel	Unknown	Unknown	Unknown	126,000 gal	Unknown	VRU; FL-1	31000107	N/A	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
						Unknown; Prior to 2011	N/A; FL-1			
FL-1	Flare	Unknown	Unknown	N/A	N/A	Unknown	N/A	31000160	N/A	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
						Unknown; Prior to 2011	FL-1			
LOAD	Truck Loading Emissions	N/A	N/A	N/A	N/A	N/A	N/A	31000199	N/A	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
						N/A	N/A			
FUG	Fugitive Emissions	N/A	N/A	N/A	N/A	N/A	N/A	31088811	N/A	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
						N/A	N/A			
										<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
										<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
										<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
										<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
										<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
										<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> 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.

<sup>4</sup> "4SLB" means four stroke lean burn engine, "4SRB" means four stroke rich burn engine, "2SLB" means two stroke lean burn engine, "CI" 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.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction <sup>1</sup>	For Each Piece of Equipment, Check One
			Serial No.	Capacity Units		Date of Installation /Construction <sup>1</sup>	
TK-4	1,500 bbl Produced Water Storage Tank	Unknown	Unknown	63,000	20.2.72.202.B.5	Unknown	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			Unknown	gal		Unknown; Prior to 2011	
TK-5	1,500 bbl Produced Water Storage Tank	Unknown	Unknown	63,000	20.2.72.202.B.5	Unknown	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			Unknown	gal		Unknown; Prior to 2011	
TK-6	1,000 bbl Produced Water Storage Tank	Unknown	Unknown	42,000	20.2.72.202.B.5	Unknown	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			Unknown	gal		Unknown; Prior to 2011	
TK-7	1,000 bbl Produced Water Storage Tank	Unknown	Unknown	42,000	20.2.72.202.B.5	Unknown	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			Unknown	gal		Unknown; Prior to 2011	
HR-1	Unpaved Haul Roads Emissions	N/A	N/A	N/A	20.2.72.202.B.5	N/A	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			N/A	N/A		N/A	
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
							<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced

<sup>1</sup> 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.

[illegible]

<sup>1</sup> List each control device on a separate line. For each control device, list all emission units controlled by the control device.

**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).

[illegible]

<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.	NOx		CO		VOC		SOx		PM10 <sup>1</sup>		PM2.5 <sup>1</sup>		H <sub>2</sub> S		Lead	
	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.

[illegible]

**Table 2-1: Emission Rates for HAPs**

HAP In the table below, report the potential emission rate for each HAP from each regulated emission unit listed in Table 1, only if the entire facility emits the HAP. For each such emission unit, HAP shall be reported to the nearest 0.1 tpy. Each facility-wide Individual HAP total and the facility-wide Total HAP shall be the sum of all HAP sources calculated to the nearest 0.1 ton per year. Use the HAP nomenclature as it appears in Section 112 (b) of the 1990 CAAA. Include tank-flashing emissions estimates of HAP in this table. For each HAP listed, fill all cells in this table with the emission numbers or a "-" symbol. A "-" symbol indicates that emissions of this pollutant are not expected, or the pollutant is emitted in a quantity less than the threshold amounts described above. Add additional rows as necessary.

Stack No.	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 <input type="checkbox"/>	
		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	TK-7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ST-TGB	T-GB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
N/A	LOAD	7.85E-02	0.34	7.21E-02	0.32	-	-	-	-	-	-	-	-	-	-	-	-		
N/A	FUG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Totals:</b>		7.85E-02	0.34	7.21E-02	0.32	-	-	-	-	-	-	-	-	-	-	-	-		

**Table 2-J: Allowable Fuels and Fuel Sulfur for Combustion Emission Units:**

Specify fuel characteristics and usage. Unit and stack numbering must correspond throughout the application package.

[illegible]

### Table 2-L: Tank Data

Include appropriate tank-flashing modeling input data. Unit and stack numbering must correspond throughout the application package.

[illegible]

## 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: \_\_\_\_\_

**Registration Summary:** 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.

**Written description of the routine operations of the facility:** 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.

**Routine or predictable emissions during Startup, Shutdown and Maintenance (SSM):** 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.

**Malfunction Emissions (M):** 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/](http://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)  
☒ 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 NO <sub>x</sub> Emission Rate: _____ lb/hr				
Engine/Generator/Heater/Reboiler Unit Number	Height (ft)	Temperature (°F)	Velocity (ft/s)	Diameter (ft)
<b>Table 1 Minimum Parameters:</b> For verification, list the minimum parameters based on the NO <sub>x</sub> 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.

**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.

**Table C: Turbine/Heater/Reboiler Stack Parameter Verification:**

Calculated Facility Total NO <sub>x</sub> Emission Rate: _____ lb/hr				
Turbine/Heater/Reboiler Unit Number	Height (ft)	Temperature (°F)	Velocity (ft/s)	Diameter (ft)
<b>Table 2 Minimum Parameters:</b> For verification, list the minimum parameters based on the NO <sub>x</sub> 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.

**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.

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

Flare Unit Number	SO <sub>2</sub> Emission Rate (lb/hr)	Height (ft)	Table 3 Minimum Stack Height: For verification, list the minimum height parameters based on the SO <sub>2</sub> emission rate from the GCP O&G Table 3.
FL-1	0.00057	20	6.6

4. Do all flares comply with minimum stack height requirements?  
☒ Yes  
☐ No
5. Does the flare gas contain 6% H<sub>2</sub>S or less by volume (pre-combustion)?  
☒ Yes. Skip step 6 below.  
☐ No. Go to step 6 below.
6. 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.

**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  
☐ No

# Section 4

## Process Flow Sheet

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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.

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# 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.**

**SSM Calculations:** 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).

**Control Devices:** 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.

**Calculation Details:** 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 Forms Submitted in this Section (add additional rows as necessary):**

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

<b>Truck Loading</b>	<b>1</b>	<input checked="" type="checkbox"/>	List control device or vapor balancing: None
<b>Enclosed Combustion Device (ECD)</b>		<input type="checkbox"/>	List all streams controlled by the ECD
<b>Thermal Oxidizer (TO)</b>		<input type="checkbox"/>	List all streams controlled by the TO
<b>Other</b>	<b>1</b>	<input checked="" type="checkbox"/>	Gunbarrel
<b>Other</b>	<b>1</b>	<input checked="" type="checkbox"/>	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 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

**Amine Unit:** 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	



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

<b><u>Unit #</u></b>	<b><u>Glycol Pump Circulation Rate</u></b>

**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 H<sub>2</sub>S Screening Threshold and Monitoring in accordance with Condition A212:** Check the box that applies.

- ☒ 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

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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).

☒ 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.

☒ 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.

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**Representative Gas Analysis Justification:** 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)

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**A map** 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

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# 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.

### Applicable **STATE** REGULATIONS:

<a href="#">STATE REGULATIONS CITATION</a>	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
<a href="#">20.2.38</a> 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	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&G registration also serves the purpose of meeting 20.2.73 the NMAC notification requirements.)  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.	Facility	Yes	Under 20.2.73.300.B(4) NMAC, the NMED is requesting emissions inventory reporting from minor sources for <b>calendar 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.

<u>STATE REGU- LATIONS CITATION</u>	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):**

<u>FEDERAL REGU- LATIONS CITATION</u>	Title	Overview of Regulation	Units(s) or Facility	Applies? (Yes or No)	<b>JUSTIFICATION: Identify the applicability criteria, numbering each (i.e. 1. Post 7/23/84, 2. 75 m<sup>3</sup>, 3. VOL)</b>
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 (60.5405).  <b>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)</b>	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

<b><u>FEDERAL REGU- LATIONS</u> CITATION</b>	<b>Title</b>	<b>Overview of Regulation</b>	<b>Units(s) or Facility</b>	<b>Applies? (Yes or No)</b>	<b>JUSTIFICATION: Identify the applicability criteria, numbering each (i.e. 1. Post 7/23/84, 2. 75 m3, 3. VOL)</b>
		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 (RICE MACT)	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.

## Section 8B

### Compliance Test History

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

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#### 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

I, Glenda De Leon, the undersigned, certify that on 8/17/2022 (DATE), I posted a true and correct copy of the attached Public Notice in a publicly accessible and conspicuous place, visible from the nearest public road, at the entrance of the property on which the facility is, or is proposed to be, located.

Signed this 22 day of August, 2022,

  
Signature

8/22/2022  
Date

Glenda De Leon Senior Air Quality Specialist  
Printed Name 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.

  
Signature

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

# NOTICE

**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 (H <sub>2</sub> S)	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.**

**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, 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-complaint-page/> to learn how and where to file a complaint of discrimination.



## 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 Texas.

N Tunnell  
\*Signature

8/22/2022  
Date

Nick Tunnell  
Printed Name

VP of Operations  
Title

Scribed and sworn before me on this 22<sup>nd</sup> day of August, 2022.

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

8<sup>th</sup> day of August, 2024.

Sonja Bridges  
Notary's Signature

8.22.22  
Date

Sonja Bridges  
Notary's Printed Name

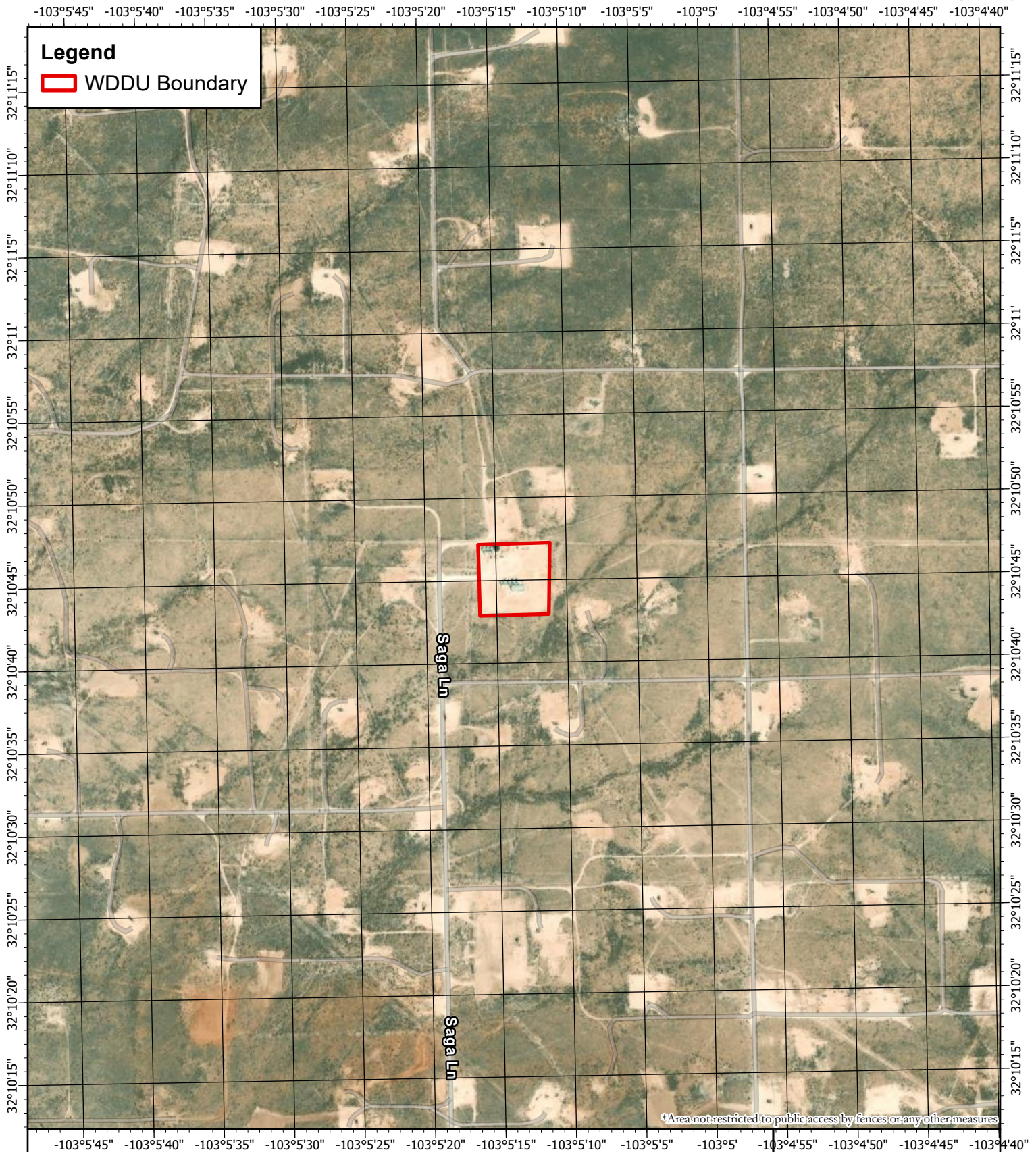




## **ATTACHMENT 4**

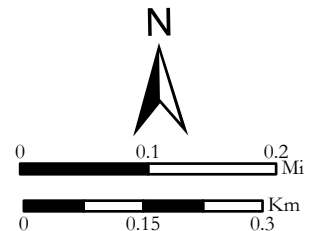
### **Section 7 Map**





## Site Location Map: Scout Energy - WDDU

Sources: Maxar, Esri Community Maps Contributors, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA





## **ATTACHMENT 5**

### **Section 8A Federal Regulatory Applicability Review**





## **SECTION 8A: POTENTIALLY APPLICABLE FEDERAL REGULATIONS**

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

#### **Subpart 0000 - 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 0000a - 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**

# Affidavit of Publication

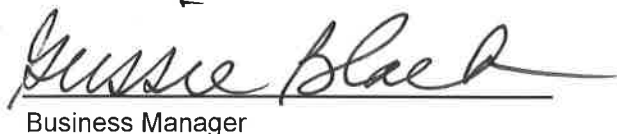
STATE OF NEW MEXICO  
COUNTY OF LEA

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.

  
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

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**Glenda De Leon, Scout Energy Management LLC, 13800 Montfort Drive, Suite 100, Dallas, TX 75240**

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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

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#37940

67117423

00269941

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

WELL NAME	HOLE DIRECT	FIELD CODE	API	WELL TYPE	COUNTY	SURFACE LATITUDE
WDDU 4 DHTD	VERTICAL	U88	300251221900	OIL WELL	LEA	32.20525
WDDU 30 DHTD	VERTICAL	U88	300251226700	OIL WELL	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	HORIZONTAL	U88	300253148201	OIL WELL	LEA	32.16671
WDDU 115H DHTD	HORIZONTAL	U88	300253148301	OIL WELL	LEA	32.16602
WDDU 118H DHTD	HORIZONTAL	U88	300253150001	OIL WELL	LEA	32.16328
WDDU 123H DHTD	HORIZONTAL	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	HORIZONTAL	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	HORIZONTAL	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) UNIT	VERTICAL	U88	300253197102	OIL WELL	LEA	32.16983

<b>SURFACE LONGITUDE</b>	<b>BOTTOMH OLE LATITUDE</b>	<b>BOTTOMH OLE LONGITUDE</b>	<b>FIELD NAME</b>	<b>Battery</b>	<b>STATUS</b>
-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

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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**

DEFINITIONS  
  
Action 213511

DEFINITIONS

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID: 330949
	Action Number: 213511
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application: <ul style="list-style-type: none"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul>
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QUESTIONS

Action 213511

QUESTIONS

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID: 330949
	Action Number: 213511
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

<b>Prerequisites</b> Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.	
Incident Well	[30-025-12219] WEST DOLLARHIDE DRINKARD UNIT #004
Incident Facility	Unavailable.

<b>Determination of Reporting Requirements</b> Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional 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 venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.	
Was there at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this vent or flare result in the release of ANY liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water	No
Was the vent or flare within an incorporated municipal boundary or withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

<b>Equipment Involved</b>	
Primary Equipment Involved	Production Tank
Additional details for Equipment Involved. Please specify	Not answered.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b> 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 (O2) percentage, if greater than one percent	0
If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.	
Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (C02) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 213511

QUESTIONS (continued)

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID: 330949
	Action Number: 213511
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/21/2023
Time vent or flare was discovered or commenced	09:00 AM
Time vent or flare was terminated	08:59 PM
Cumulative hours during this event	24

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Midstream Scheduled Maintenance   Pipeline (Any)   Natural Gas Vented   Released: 231 Mcf   Recovered: 0 Mcf   Lost: 231 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Not answered.
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

Venting or Flaring Resulting from Downstream Activity	
Was this vent or flare a result of downstream activity	Yes
Was notification of downstream activity received by this operator	Yes
Downstream OGRID that should have notified this operator	[24650] TARGA MIDSTREAM SERVICES LLC
Date notified of downstream activity requiring this vent or flare	03/16/2023
Time notified of downstream activity requiring this vent or flare	03:15 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	third party issue out of our control
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	third party issue out of our control



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ACKNOWLEDGMENTS  
  
Action 213511

ACKNOWLEDGMENTS

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID: 330949
	Action Number: 213511
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

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

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CONDITIONS  
  
Action 213511

CONDITIONS

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID: 330949
	Action Number: 213511
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
dfuentes	If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	5/4/2023