MANLEY GAS TESTING, INC.

| P.O. DRAWER 193 OFFICE(432)367-3024 | FAX(432)367-1166 | ODESSA, TEXAS 79760 E-MAIL: MANLEYGAST@AOL.COM |
|---|---|--|
| CHARGE 45 - 1 REC. NO 0 TEST NUMBER 11847 SAMPLE TYPE SPOT | | DATE SAMPLED 10-22-21 DATE RUN 10-22-21 FROM EFF. DATE 10-01-21 TO EFF. DATE 10-31-21 |
| STATION NO | | FLO-CAL ID |
| SAMPLE NAME WDDU - MEXIC RECEIVED FROM SCOUT ENERGY LOCATION ODESSA TEXAS | O J PRODUCTION GA | S |
| FLOWING PRESSURE | 14 PSIG F | LOWING TEMPERATURE 68 F |
| SAMPLED BY: WS | A | NALYZED BY JT |
| CALCU MOL% HYDROGEN SULFIDE 0.5000 | FRACTIONAL ANALY LATED @ 14.730 PS GPM (REAL) | |
| NITROGEN 4.4315 CARBON DIOXIDE 1.8389 METHANE 51.1622 ETHANE 16.9898 PROPANE 14.2783 ISO-BUTANE 1.2613 NOR-BUTANE 5.2584 ISO-PENTANE 0.8990 NOR-PENTANE 1.6158 HEXANES 1.7648 | 0.590 | H2S PPMV = 5000 'Z' FACTOR (DRY) = 0.9931 'Z' FACTOR (WET) = 0.9926 |
| TOTALS 100.0000 | 12.317 | |
| CALCULATED SPECIFIC GRAVI | TIES | CALCULATED GROSS HEATING VALUES |
| IDEAL, DRY 1.0041 IDEAL, WET 0.9974 REAL, DRY 1.0107 REAL, WET 1.0044 | | BTU/CF - IDEAL, DRY 1584.1 BTU/CF - IDEAL, WET 1556.4 BTU/CF - REAL, DRY 1595.1 BTU/CF - REAL, WET 1568.0 |

DISTRIBUTION AND REMARKS:

J. POOLE(P)

LOCAL USE ONLY

ANALYZED BY: JT

APPROVED:

MANLEY GAS TESTING, INC.

| P.O. DRAWER 193 OFFICE(432)367-3024 | FAX(432)367-1166 | ODESSA, TEXAS 79760 E-MAIL: MANLEYGAST@AOL.COM |
|---|---|--|
| CHARGE 45 - 1 REC. NO 0 TEST NUMBER 11848 SAMPLE TYPE SPOT | | DATE SAMPLED 10-22-21 DATE RUN 10-22-21 FROM EFF. DATE 10-01-21 TO EFF. DATE 10-31-21 |
| STATION NO | | FLO-CAL ID |
| SAMPLE NAME WDDU - WDDU RECEIVED FROM SCOUT ENERGY LOCATION ODESSA TEXAS | | |
| FLOWING PRESSURE | 12 PSIG F | FLOWING TEMPERATURE 70 F |
| SAMPLED BY: WS | A | ANALYZED BY JT |
| CALCU | FRACTIONAL ANALY | YSIS SIA AND 60F |
| MOL% | GPM (REAL) | |
| HYDROGEN SULFIDE 1.0000 NITROGEN 3.5195 CARBON DIOXIDE 1.3309 METHANE 51.5502 ETHANE 15.7217 PROPANE 14.8367 ISO-BUTANE 1.5067 NOR-BUTANE 5.7888 ISO-PENTANE 1.1579 NOR-PENTANE 1.5359 HEXANES + 2.0517 TOTALS 100.0006 | 4.234 4.116 9.497 1.838 9.0.426 9.0.561 7.0.901 | H2S PPMV = 10000 'Z' FACTOR (DRY) = 0.9927 'Z' FACTOR (WET) = 0.9922 |
| CALCULATED SPECIFIC GRAV | ITIES | CALCULATED GROSS HEATING VALUES |
| IDEAL, DRY 1.0202 IDEAL, WET 1.0132 REAL, DRY 1.0273 REAL, WET 1.0208 | | BTU/CF - IDEAL, DRY 1626.9 BTU/CF - IDEAL, WET 1598.4 BTU/CF - REAL, DRY 1638.9 BTU/CF - REAL, WET 1611.0 |
| DISTRIBUTION AND REMARKS: | | |
| J. POOLE(P) | | |
| LOCAL USE ONLY | | |

ANALYZED BY: JT

Released to Imaging: 5/8/2023 7:37:08 AM

APPROVED:



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

May 5, 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. Tuesday April 25, 2023 and ended at 8:59 p.m. Wednesday April 26, 2023. Calculations were not done as all volumes are true meter readings and are listed below:

• 04/25/2023 = WDDU = 187 mcf/d - reported

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

Regards,

Lee Ellison
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

May 5, 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, Fristo, 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 Tuesday 04/25/2023 at 9:00 a.m. through end date Wednesday 04/26/2023. 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
(972) 497-2863
13800 Montfort Drive, Ste.100
Dallas, TX 75240

JAMES C. KENNEY
CABINET SECRETARY

September 19, 2022

<u>Certified Mail No. 7016 2070 0000 6771 3311</u> <u>Return Receipt Requested</u>

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

Dear Glenda De Leon:

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

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

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

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

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

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

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

cc via email: Rebecca McBride, Montrose Environmental, rmcbride@montrose-env.com

Glenda De Leon, Scout Energy Management LLC, glenda.deleon@scoutep.com



State of New Mexico Environment Department

Air Quality Bureau

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

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

INVOICE

Primary Billing Party:

Scout Energy Management LLC 13800 Montfort Drive Suite 100 Dallas, TX 75240

Agency Interest:

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

INVOICE ID: 168450

INVOICE DATE:

00/00/0000

INVOICE DUE DATE: 00/00/0000

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

ASSESSMENTS

Air Quality, PRN20220001, Air - General Review Fee

\$4,550.00

INVOICED AMOUNT \$4,550.00

CREDITS

Payment (09/07/2022)

Total Credits:

\$4,550.00

\$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

\$0.00

INVOICE DUE DATE: 00/00/0000

Please make checks payable to:

Mail payments to:

Invoice Amount:

NMED Federal Tax ID#:

85-6000565

New Mexico Environment Department, AQB

Air Quality Bureau

Amount Enclosed

525 Camino de los Marquez, Suite 1

Santa Fe, NM 87505-1816

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

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).

August 22, 2022

Printed: 8/30/2022

Mail To:

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 www.env.nm.gov/air-quality/



For Department use only:

RECEIVED

SEP 0 2 2022

Air Quality Bureau

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

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

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)

| | | Form may be used for administrative chaired, and no filing fees or permit fees ap | | O&G Permit Condition |
|---|---|---|----------------------------------|--|
| Constr | ruction Status: Not Constr | ructed Existing Permitted (or NOI) I | Facility X Existing Non-I | Permitted (or NOI) Facility |
| ☐ I ac ☐ An ☐ Pro ☐ The ☐ The | original signed and notarized (of of public notice is included, Air Emission Calculation Too | ol (AECT) is included. gistration Form will establish the emissi | Oil and Gas Registration is i | |
| | stration Fees | Initial Registration or Modifications | Small Business* Initial Re | egistration or Modifications |
| | to 1/1/2022 | \$4,320 | \$2,160 | |
| | ning 1/1/2022 | \$4,550 | \$2,275 | |
| Provid | e your Check Number:9 | y on file: www.env.nm.gov/forms/ . 95116 and Amount:\$4 d and is not included, the project will no | 5550t be assigned for review unt | il the full fee is received. |
| 1) C | ompany Informatio | n | AI # (if known): NA | If updating, provide Permit/NOI #: NA |
| | Facility Name: | | Plant primary SIC Co | ode (4 digits): 1311 |
| 1 | | de Drinkard Unit Central Battery | Plant NAIC code (6 | digits): 211120 |
| a | Facility Street Address (If no | facility street address, check here 🛛 and | d provide directions in Section | ion 4): |
| 2 | Plant Operator Company Nan | ne: Scout Energy Management LLC | Phone/Fax: 972-277- | -1397 |
| a | Plant Operator Address: 1380 | 0 Montfort Drive, Suite 100, Dallas, TX | 75240 | |
| 3 | Plant Owner(s) name(s): Scot | it Energy Management LLC | Phone/Fax: 972-277- | -1397 |
| | | | | |

| | Page |
|------------|------|
| August 22, | 2022 |

| a | Plant Owner(s) Mailing Address | s(s): 13800 Montfort Drive, Suite 100, | , Dall | as, TX 75240 | | | | | | | | | |
|-------------|---|--|-----------|----------------------------|----------------------|----------------|--|--|--|--|--|--|--|
| | Bill To (Company): Scout Energ | gy Management LLC | | Phone/Fax: 972-27 | 7-1397 | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| a | Mailing Address: 13800 Montfort Drive, Suite 100, Dallas, TX 75240 E-mail: glenda.deleon@scoutep.com | | | | | | | | | | | | |
| 5 | □ Preparer: Rebecca McBride (Montrose Environmental Solutions) □ Consultant: Rebecca McBride (Montrose Environmental Solutions) Phone/Fax: 678-336-8550 | | | | | | | | | | | | |
| a | Mailing Address: 400 Northridge Road, Suite 400, | | | E-mail: rmcbride@ | montrose-env. | com | | | | | | | |
| 6 | Plant Operator Contact: Glenda | | | Phone/Fax: 972-27 | 7-1397 | | | | | | | | |
| a | Mailing Address: 13800 Montfo | rt Drive, Suite 100, Dallas, TX 75240 |) | E-mail: glenda.dele | eon@scoutep.c | om | | | | | | | |
| 7 | Air Permit Contact ¹ : Glenda De | Leon | | Title: Senior Air Q | uality Specialis | st | | | | | | | |
| a | E-mail: glenda.deleon@scoutep. | com | | Phone/Fax: 972-27 | 7-1397 | | | | | | | | |
| b | Mailing Address: 13800 Montfo | rt Drive, Suite 100, Dallas, TX 75240 |) | | | | | | | | | | |
| | ¹ The Air Permit Contact will rec | eive official correspondence from the | Depa | artment. | | | | | | | | | |
| 8 | | unction with other air regulated partie | | | ⊠ No | Yes | | | | | | | |
| | <u> </u> | I or permit number (if known) of the | other | facility? | | | | | | | | | |
| | pplicability | | | | | | | | | | | | |
| 1 If you | | lo County, on tribal lands, or in a non ve, your facility does not qualify for t | | | armit | No □Yes | | | | | | | |
| 2 | | 1321, 4619, 4612 or 4922? (Other SIC | | | | No ⊠Yes | | | | | | | |
| | all the equipment at the facility i | is allowed in the GCP-Oil & Gas Perr | nit.) | | | | | | | | | | |
| 3 | Allowable Equipment listed in T | nder this GCP-Oil and Gas Registration Table 104 of the GCP Oil & Gas Perm | nit, an | d no others? | | □No ⊠Yes | | | | | | | |
| 4 | Will the regulated equipment as emissions in Table 106 of the Go | specified in this GCP-Oil and Gas Re | egistra | ation emit less than t | he total | □No ⊠Yes | | | | | | | |
| 5 | | n the stack parameter requirements as | estab | lished in the GCP-O | il and Gas | □No ⊠Yes | | | | | | | |
| 6 | Equipment shall be at least 100 i | meters (m) from any stack to terrain the | | | ers above the | □No ⊠Yes | | | | | | | |
| 7 | | nent at the facility meet this terrain red in any source that emits over 25 tons/y | | | stance | □No ⊠Yes | | | | | | | |
| | between the two nearest stacks the | hat emit NOx at each of the facilities. | | | | | | | | | | | |
| 8 | | m any Class I area? This is the distan | ce fro | om the nearest facility | y boundary to | □No ⊠Yes | | | | | | | |
| If you | the nearest boundary of the Clas | s I area. 2-8, your facility <u>does not</u> qualify for | thic | ganaral construction | narmit | | | | | | | | |
| | Current Facility Status | | . tills į | general construction | регинг. | | | | | | | | |
| 1 | Has this facility already been con | | s it cu | irrently operating in | New Mexico? | ∑ Yes | | | | | | | |
| 2 | Does this facility currently have a construction permit or Notice of Intent If yes, the permit No. or NOI No., and whether it will | | | | | | | | | | | | |
| _ | (NOI) (20.2.72 NMAC or 20.2.73 NMAC)? Yes No remain active or not: Is this Registration in response to a Notice of Violation (NOV)? If yes, NOV date: | | | | | | | | | | | | |
| 3 | Yes No If so, provide current permit #: | | | | | | | | | | | | |
| 4 | Check if facility is a: Minor Source: Synthetic M | inor Source: (SM80 = Controlled | l Emis | ssions > 80 TPY of a | ny regulated a | ir pollutant): | | | | | | | |
| 4) | Facility Location Info | ormation | | | | | | | | | | | |
| 1 | a) Latitude (decimal degrees): | b) Longitude (decimal degrees): | | c) County: | d) Elevat | tion (ft): | | | | | | | |
| 2 | 32.179444 a) UTM Zone: ☐12 or ☐13 | -103.087611 b) UTME (to nearest 10 meters): | | Lea c) UTMN (to nearest | 3,182 10 meters): | | | | | | | | |
| <u>~</u> | u, U 1111 LUIIC. 112 UI // 113 | (690 200 | | 2 5 6 1 0 2 0 | | | | | | | | | |

| 3 | e) Specify which datum is used: NAD 27 See this link for more info. http://en.wikipedia.org/wiki/Normalized-red | NAD 83 | ⊠ WGS 84 | | | | | | | | | |
|-------|--|--|---|--|--|--|--|--|--|--|--|--|
| 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 (ne. | arest town). | | | | | | | | | | |
| 7 | Land Status of facility (check one): Private Indian/l | Pueblo Government B | BLM Forest Service Military | | | | | | | | | |
| 5) | Other Facility Information | | | | | | | | | | | |
| 1 | Enter the maximum daily and annual throughput of oil, gas, and natural gas liquids (NGL). | Oil (bbl/day): 387 Gas (MMscf/day): 0 NGL (bbl/day): 0 | (bbl/yr): 141,255 (MMscf/yr): 0 (bbl/yr): 0 | | | | | | | | | |
| 2 | The facility, as described in this Registration, constitutes the entire source for 20.2.70, 20.2.72, 20.2.73, or 20.2.74 NMAC applicability purposes. | □No ⊠Yes | | | | | | | | | | |
| 6) Si | ubmittal Requirements | | | | | | | | | | | |
| 1 | Include one hard copy original signed and notarized Regi punched as we bind the document on top, not on the side; e printing' is not possible, print single sided. Please use num the review process. | except landscape tables, which | should be head-to-head. If 'head-to-toe | | | | | | | | | |
| 2 | Include one double sided hard copy, flip on long edge for | Department use. This <u>copy</u> do | pes not need to be 2-hole punched. | | | | | | | | | |
| 3 | 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 & 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. Ensure all of these are included in both the electronic and hard copies. Word Document part of the Registration Form (Sections 1 and 3-10) Excel Document part of the Registration Form (Section 2) Air Emissions Calculation Tool (AECT) If there is a justified reason for including other calculations, include the unlocked | | | | | | | | | | | |
| | Excel Spreadsheet. Justification must be provided in Sectio PDF of entire application To avoid errors, it is best to start with both a blank vers | n 5 of the application. | | | | | | | | | | |
| | , and the second | | ** | | | | | | | | | |

3

Section 2 Tables

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

.....

| | 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 | | | | | | | | | | | | |
|-----------------------------|---|-----------------------------|---------------|---|---|---|-----------------------------------|--|--|--|--|--|--|
| | | | | | | nt that qualifies fo | or an exempti | on under 20.2. | 72.202.B | | | | |
| NMAC sl | nould be included in | n Table 2-B Note: Equi | pment options | s are not aut | horized. | Ι | ı | | | | | | |
| | | | | Manufact- | Requested | Date of Manufacture ² | Controlled by Unit # | | | | | | |
| Unit Number ¹ | Source Description | Manufacturer/Make /Model | Serial# | urer's Rated Capacity ³ (Specify Units) | Permitted Capacity ³ (Specify Units) | Date of Construction/ Reconstruction ² | Emissions vented to Stack # | Source Classi- fication Code (SCC) | RICE Ignition Type (CI, SI, 4SLB, 2SLB) ⁴ | For Each Piece of Equipment, Check Onc | | | |
| | | | | | | Unknown | VRU; FL-1 | | | x Existing (unchanged) To be Removed | | | |
| TK-1 | 1,000 bbl Crude Oil Storage Tank | Unknown | Unknown | Unknown | 42,000 gal | Unknown; Prior to 2011 | N/A; FL-1 | 31000133 | N/A | New/Additional Replacement Unit To Be Modified To be Replaced | | | |
| TK-2 | 1,000 bbl Crude Oil Storage Tank | Unknown | Unknown | Unknown | 42,000 gal | Unknown Unknown; Prior to 2011 | VRU; FL-1 N/A; FL-1 | 31000133 | N/A | x Existing (unchanged) | | | |
| TK-3 | 1,000 bbl Crude Oil Storage Tank | Unknown | Unknown | Unknown | 42,000 gal | Unknown Unknown; Prior to 2011 | VRU; FL-1 N/A; FL-1 | 31000133 | N/A | x Existing (unchanged) | | | |
| T-GB | 3,000 bbl Gunbarrel | Unknown | Unknown | Unknown | 126,000 gal | Unknown Unknown; Prior to 2011 | VRU; FL-1 N/A; FL-1 | 31000107 | N/A | x Existing (unchanged) | | | |
| FL-1 | Flare | Unknown | Unknown | N/A | N/A | Unknown Unknown; Prior to 2011 | N/A FL-1 | 31000160 | N/A | x Existing (unchanged) | | | |
| LOAD | Truck Loading Emissions | N/A | N/A | N/A | N/A | N/A N/A | N/A N/A | 31000199 | N/A | x Existing (unchanged) | | | |
| FUG | Fugitive Emissions | N/A | N/A | N/A | N/A | N/A N/A | N/A N/A | 31088811 | N/A | x Existing (unchanged) | | | |
| | | | | | | | | | | □ Existing (unchanged) □ New/Additional □ Replacement Unit □ To be Replaced | | | |
| | | | | | | | | | | □ Existing (unchanged) □ New/Additional □ Replacement Unit □ To Be Modified □ To be Replaced | | | |
| | | | | | | | | | | □ Existing (unchanged) □ New/Additional □ Replacement Unit □ To Be Modified □ To be Replaced | | | |
| | | | | | | | | | | □ Existing (unchanged) □ New/Additional □ Replacement Unit □ To Be Modified □ To be Replaced | | | |
| | | | | | | | | | | □ Existing (unchanged) □ To be Removed □ New/Additional □ To be Replaced | | | |

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.

² Specify dates required to determine regulatory applicability.

³ To properly account for power conversion efficiencies, generator set rated capacity shall be reported as the rated capacity of the engine in horsepower, not the kilowatt capacity of the generator set.

*"4SLB" means four stroke lean burn engine, "4SRB" means four stroke rich burn engine, "2SLB" means two stroke lean burn engine, "Cl" means compression ignition, and "SI" means spark ignition

Table 2-B: Exempted Equipment (20.2.72 NMAC)

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

| Unit Number | Source Description | 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 Date of Installation /Construction1 | For Each Piece of Equipment, Check One | | | |
|-------------|------------------------------|---|---------|--|--|------------------------|---|---|
| TK-4 | 1,500 bbl Produced Water | Unknown | Unknown | 63,000 | 20.2.72.202.B.5 | Unknown | x Existing (unchanged) New/Additional | ☐ To be Removed ☐ Replacement Unit |
| | Storage Tank | | Unknown | gal | | Unknown; Prior to 2011 | ☐ To Be Modified | ☐ To be Replaced |
| TK-5 | 1,500 bbl Produced Water | Unknown | Unknown | 63,000 | 20.2.72.202.B.5 | Unknown | x Existing (unchanged) □ New/Additional | ☐ To be Removed☐ Replacement Unit |
| IK-J | Storage Tank | Ulkliowii | Unknown | gal | | Unknown; Prior to 2011 | ☐ To Be Modified | ☐ To be Replaced |
| TIV. (| 1,000 bbl Produced Water | 11.1 | Unknown | 42,000 | 20.2.72.202.B.5 | Unknown | x Existing (unchanged) | ☐ To be Removed |
| TK-6 | Storage Tank | Unknown | Unknown | gal | | Unknown; Prior to 2011 | □ New/Additional□ To Be Modified | □ Replacement Unit□ To be Replaced |
| TIV 7 | 1,000 bbl Produced Water | 11.1 | Unknown | 42,000 | 20.2.72.202.B.5 | Unknown | x Existing (unchanged) | ☐ To be Removed |
| TK-7 | Storage Tank | Unknown | Unknown | gal | | Unknown; Prior to 2011 | □ New/Additional□ To Be Modified | □ Replacement Unit□ To be Replaced |
| HR-1 | Unpaved Haul Roads Emissions | N/A | N/A | N/A | 20.2.72.202.B.5 | N/A | x Existing (unchanged) New/Additional | ☐ To be Removed ☐ Replacement Unit |
| THCT | Onpaved Hadi Roads Emissions | 14/21 | N/A | N/A | | N/A | ☐ To Be Modified | ☐ To be Replaced |
| | | | | | | | ☐ Existing (unchanged)☐ New/Additional | ☐ To be Removed☐ Replacement Unit |
| | | | | | | | ☐ To Be Modified | ☐ To be Replaced |
| | | | | | | | ☐ Existing (unchanged)☐ New/Additional | □ To be Removed□ Replacement Unit |
| | | | | | | | ☐ To Be Modified☐ Existing (unchanged) | ☐ To be Replaced☐ To be Removed☐ |
| | | | | | | | ☐ New/Additional | ☐ Replacement Unit |
| | | | | | | | ☐ To Be Modified | ☐ To be Replaced☐ To be Removed☐ |
| | | | | | | | ☐ Existing (unchanged)☐ New/Additional | ☐ Replacement Unit |
| | | | | | | | ☐ To Be Modified | ☐ To be Replaced☐ To be Removed☐ |
| | | | | | | | □ Existing (unchanged)□ New/Additional | ☐ Replacement Unit |
| | | | | | | | ☐ To Be Modified ☐ Existing (unchanged) | ☐ To be Replaced☐ To be Removed☐ |
| | | | | | | | □ Existing (unchanged) □ New/Additional | ☐ Replacement Unit |
| | | | | | | | ☐ To Be Modified | ☐ To be Replaced☐ To be Removed☐ |
| | | | | | | | □ Existing (unchanged)□ New/Additional | ☐ Replacement Unit |
| | | | | | | | ☐ To Be Modified | ☐ To be Replaced |
| | | | | | | | ☐ Existing (unchanged)☐ New/Additional | ☐ To be Removed☐ Replacement Unit |
| | | | | | | | ☐ To Be Modified | ☐ To be Replaced |

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

Table 2-C: Emissions Control Equipment

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

| Control Equipment Unit No. | Control Equipment Description | Date Installed | Controlled Pollutant(s) | Controlling Emissions for Unit Number(s) ¹ | Efficiency (% Control by Weight) | Method used to Estimate Efficiency |
|----------------------------------|--|---------------------------|----------------------------|--|--|--|
| FL-1 | Flare | Unknown; Prior to 2011 | VOC, HAP, H ₂ S | TK-1, TK-2, TK-3, TK-GB | 95% | Conservative assumption (no specs available) |
| VRU | Vapor Recovery Unit | Unknown; Prior to 2011 | VOC, HAP, H ₂ S | TK-1, TK-2, TK-3, TK-GB | 95% | Conservative assumption (no specs available) |
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| | ntrol device on a separate line. For each control device, list all e | | | | | |

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

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 enforcable 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).

| TT *4 NT | N | Ox | C | 0 | V | OC | SC |)x | PM | $[10^{1}]$ | PM | 2.5 ¹ | Н | I_2S | Le | ead |
|----------|----------|----------|----------|--------|----------|----------|----------|----------|----------|------------|----------|------------------|----------|----------|-------|--------|
| Unit No. | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr |
| TK-1 | - | - | - | - | 0.21 | 0.92 | - | - | - | - | - | - | 1.85E-04 | 8.11E-04 | - | - |
| TK-2 | - | - | - | - | 0.21 | 0.92 | - | - | - | - | - | - | 1.85E-04 | 8.11E-04 | - | - |
| TK-3 | - | - | - | - | 0.21 | 0.92 | - | - | - | - | - | - | 1.85E-04 | 8.11E-04 | - | - |
| TK-4 | - | - | - | - | 2.18E-03 | 9.54E-03 | - | - | - | - | - | - | 9.52E-04 | 4.17E-03 | - | - |
| TK-5 | - | - | - | - | 2.18E-03 | 9.54E-03 | - | - | - | - | - | - | 9.52E-04 | 4.17E-03 | - | - |
| TK-6 | - | - | - | - | 2.19E-03 | 9.60E-03 | - | - | - | - | - | - | 9.55E-04 | 4.18E-03 | - | - |
| TK-7 | - | - | - | - | 2.19E-03 | 9.60E-03 | - | - | - | - | - | - | 9.55E-04 | 4.18E-03 | - | - |
| T-GB | - | - | - | 1 | 0.89 | 3.91 | | | - | - | - | 1 | 1.38E-03 | 6.03E-03 | - | - |
| FL-1 | 2.17E-02 | 9.51E-02 | 4.33E-02 | 0.19 | 8.47E-02 | 0.37 | 5.71E-04 | 2.50E-03 | - | - | - | - | - | - | - | - |
| LOAD | - | - | - | - | 8.41 | 36.83 | - | - | - | - | - | - | 3.39E-03 | 1.49E-02 | - | - |
| FUG | - | - | - | ı | 0.53 | 2.34 | - | - | - | - | - | 1 | 2.00E-03 | 9.00E-03 | - | - |
| HR-1 | - | - | - | - | - | - | - | - | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | - | - | - | - |
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| Totals | 2.17E-02 | 9.51E-02 | 4.33E-02 | 0.19 | 10.55 | 46.25 | 5.71E-04 | 2.50E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-02 | 4.90E-02 | - | - |

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

Form Revision: 7/18/2019 Table 2-D: Page 1 Printed 9/19/2022 12:25 PM

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⁻⁴).

| Unit No. | N | Ox | C | 0 | V | OC | SC | Ox | PM | 10 ¹ | PM | 2.5 ¹ | Н | ₂ S | Le | ead |
|-------------|----------|----------|----------|--------|----------|--------------|----------|----------|-------|-----------------|-------|------------------|----------|----------------|-------|--------|
| Unit No. | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr | lb/hr | ton/yr |
| TK-1 | - | - | 1 | - | 0.21 | 0.92 | - | - | 1 | 1 | 1 | - | 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 | - | - |
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| 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 | - | - |

¹ 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.

| Stack Type (Engine, | | | Height Above | Тетр. | Flow Rate | Velocity | |
|--|--|---|--------------|-------|-----------|----------|----------------------|
| Turbine, Flare, ECD, or Thermal Oxidizer Etc.) | Serving Unit Number(s) from Table 2-A | Orientation (H-Horizontal V=Vertical) | Ground (ft) | (F) | (acfs) | (ft/sec) | Inside Diameter (ft) |
| Flare | TK-1, TK-2, TK-3, T-GB | Vertical | 20 | 70 | 20.46 | 0.1 | 0.10 |
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Table 2-I: 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 1 | HAPs | n-Hex x H. | | Ben x H | zene IAP | 2,2 Trimethy x H | ylpentane | | uene IAP | | enzene IAP | | ylene IAP | o-Xy x H | | Name Here | Pollutant • □ AP |
|-----------|-------------|----------|--------|---------------|--------|------------|-------------|------------------------|-----------|-------|-------------|-------|---------------|-------|--------------|-------------|--------|-----------|------------------------|
| | | 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 | ı | ı | - | ı | ı | 1 | ı | - | - | - | - | - | ı | - | ı | - | | |
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| Tot | als: | 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. **Specify Units Fuel Source** Does the Allowable **Fuel Type** (purchased commercial, pipeline **Engines and Turbines:** Lower **Annual Fuel Fuel and Fuel Sulfur** Unit No. (Natural Gas, Field Gas, quality natural gas, residue gas, SO2 percentage (%) of Diesel Fuel Only: ppm Heating Usage **Content meet GCP** Propane, Diesel, ...) raw/field natural gas, process gas, or the NOx emission rate of Sulfur Value (MMSCF/y) **O&G** Condition other (except flares) (BTU/SCF) A110.A? None ☐ Yes ☐ No ☐ Yes ☐ No

Scout Energy - West Dollarhide Drinkard Unit Central Battery

Table 2-L: Tank Data

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

| Tank No. | Date Installed | Materials Stored | Roof Type | Seal Type | Capacity (bbl) | Diameter (M) | Vapor Space | Color | | Separator Pressure | Annual Throughput | Turn- overs |
|----------|---------------------------|------------------|-------------------------------|--|-------------------|-----------------|----------------|-------|-------|-----------------------|----------------------|----------------|
| | | | | | (~~-) | () | (M) | Roof | Shell | (psia) | (gal/yr) | (per year) |
| TK-1 | Unknown; Prior to 2011 | Oil | Vertical - Fixed Roof (FX) | Welded- Mechanical Shoe | 1,000 | 6.5532 | 8 | Gray | Gray | 26.7 | 1,977,570 | 47.09 |
| TK-2 | Unknown; Prior to 2011 | Oil | Vertical - Fixed Roof (FX) | Welded- Mechanical Shoe Welded- | 1,000 | 6.5532 | 8 | Gray | Gray | 26.7 | 1,977,570 | 47.09 |
| TK-3 | Unknown; Prior to 2011 | Oil | Vertical - Fixed Roof (FX) | Mechanical Shoe | 1,000 | 6.5532 | 8 | Gray | Gray | 26.7 | 1,977,570 | 47.09 |
| TK-4 | Unknown; Prior to 2011 | Produced Water | Vertical - Fixed Roof (FX) | Welded- Mechanical Shoe | 1,500 | 6.5532 | 12 | Gray | Gray | 26.7 | 18,396,000 | 292.00 |
| TK-5 | Unknown; Prior to 2011 | Produced Water | Vertical - Fixed Roof (FX) | Welded- Mechanical Shoe | 1,500 | 6.5532 | 12 | Gray | Gray | 26.7 | 18,396,000 | 292.00 |
| TK-6 | Unknown; Prior to 2011 | Produced Water | Vertical - Fixed Roof (FX) | Welded- Mechanical Shoe Welded- | 1,000 | 6.5532 | 8 | Gray | Gray | 26.7 | 18,396,000 | 438.00 |
| TK-7 | Unknown; Prior to 2011 | Produced Water | Vertical - Fixed Roof (FX) | Mechanical Shoe | 1,000 | 6.5532 | 8 | Gray | Gray | 26.7 | 18,396,000 | 438.00 |
| T-GB | Unknown; Prior to 2011 | Produced Water | Vertical - Fixed Roof (FX) | Welded- Mechanical Shoe | 3,000 | 9.144 | 12 | Gray | Gray | 26.7 | 36,792,000 | 292.00 |
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Section 3Registration Summary

| <u>The Registration Summary:</u> 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. |
| <u>Malfunction Emissions (M):</u> Provide an overview of how malfunction emissions are accounted for in this Registration. The permit does not authorize combustion emissions for malfunctions. |
| Malfunction emissions are not expected as part of normal operations. Scout Energy would work to expeditiously resolve any issues that result in malfunction emissions. However, this application requests up to 10 tpy VOC as malfunction emissions. |
| The permit does not authorize emissions from SSM and Malfunction to be combined as 10 TPY VOC. However, they may be permitted separately. In the allowable emissions table in Section 2, these two events are separate line items and must be kept separate. |
| Allowable Operations: Check the appropriate box below: |
| Facility operates continuously (8760 hours per year) |
| ☐ The following regulated equipment will operate less than 8760 hours per year. Add additional rows as necessary. These units are subject to Condition A108.C of the Permit. |

Table A – Equipment Operating Less Than 8760 hours per year

| Unit # | Requested Annual Operating Hours |
|--------|-------------------------------------|
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Verification of Compliance with Stack Parameter Requirements:

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

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

| Check the box for each type of equipment at this facility: |
|--|
| Engine(s) |
| Turbine(s) |
| ⊠ 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_x 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_x emission rate, determine the minimum stack parameter requirements for engines and heaters from Table 1: Engines (page 17) of the GCP O&G and enter the minimum parameters from Table 1 (page 17) of the GCP O&G in the bottom row of the table below.
- 3. Enter the stack parameters from each engine and heater in the blank rows of the table below. Add rows as necessary.

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

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

| 4. | Do all engines and heaters comply with the minimum stack parameters from Table 1 (page 17) of the GCP O&G? |
|----|--|
| | Yes. Skip step 5 below. |
| | No. Go to step 5 below. |
| | |

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

Turbines

- 1. Calculate the pound per hour (lb/hr) NO_x 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_x 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 I | NOx Emission Rate: | lb/hr | | |
|-----------------------------|--------------------|------------------|-----------------|---------------|
| Turbine/Heater/Reboiler | Height (ft) | Temperature (°F) | Velocity (ft/s) | Diameter (ft) |
| Unit Number | | | | |
| | | | | |
| | | | | |
| | | | | |
| Table 2 Minimum | | | | |
| Parameters: For | | | | |
| verification, list the | | | | |
| minimum parameters | | | | |
| based on the NOx lb/hr | | | | |
| emission rate from the | | | | |
| GCP O&G Table 2. | | | | |

| 4. | Do all turbines and heaters comply with the minimum stack parameters from Table 2 (page 18) of the GCP |
|----|--|
| | O&G? |
| | Yes. Skip step 5 below. |
| | No. Go to step 5 below. |
| 5. | For turbines and heaters that do not comply with the minimum stack parameters in Table 2 of the GCP O&G, |
| | explain and demonstrate in detail how the turbines and heaters will be authorized according to the steps on page |

18 of the GCP O&G or Condition A203.C of the GCP O&G. Show all calculations.

Flares

- 1. Enter SO₂ emission rates (lb/hr) for each flare in the second column of the table below.
- 2. Based on the SO₂ 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 ₂ Emission Rate (lb/hr) | U | Table 3 Minimum Stack Height: For verification, list the minimum height parameters based on the SO2 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% H₂S 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% HaS or less by volume |

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Enclosed Combustion Device(s) (ECD):

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

Option 1:

| 1. | Will the ECD(s) meet the SO₂ 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 | <u>2:</u> |
| 2. | Will the ECD(s) meet the SO₂ 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

Attach a <u>process flow sheet</u> 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.

GCP-O&G-Form: Revision February 21, 2022 Released to Imaging: 5/8/2023 7:37:08 AM

Section 5

Emissions Calculation Forms

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

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

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

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

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

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

Equipment 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 | | Controlled | |
| Turbine | | | |
| Tanks | 7 | | VRU and Flare – VOC, HAP, H₂S |
| Generator | | | , , - |
| VRU | 1 | | VOC, HAP, H ₂ S |
| VRT | | | |
| ULPS | | | |
| Glycol Dehydrator | | | |
| Flare | 1 | | 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 | | | |
| Cryogenic Unit | | | |
| Fugitive Emissions | 1 | | |
| Heater | | | |

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| Truck Loading | 1 | | List control device or vapor balancing: None |
|--|---|---|---|
| Enclosed Combustion Device (ECD) | | | List all streams controlled by the ECD |
| Thermal Oxidizer (TO) | | | List all streams controlled by the TO |
| Other | 1 | | Gunbarrel |
| Other | 1 | | Unpaved haul roads |
| Vapor Recovery Tower, I facility contains one of the | icable section Ultra Low-Pro following unit | and label the | e emissions unit, control device, or gas combustion scenario. Please e unit number(s) if the scenarios vary. ator, or Flash Tower Located Upstream of Storage Vessels: If the tream of the storage vessels and is used to flash and capture flashing |
| emissions, check the appro Unit number: Vapor Recovery Towe ULPS and VRU Comp Flash Tower and VRU | er and VRU Co pressor | ompressor | |
| capture flashing emissions of NSPS OOOO or NSPS Unit number: | prior to any sto OOOOa. A pr | orage vessels ocess vs cont | torage Vessels: Check the box below if the facility is using a VRU to to limit the PTE of the storage vessels to below applicability thresholds rol determination should be prepared for this type of VRU application. |
| ☐ VRU capturing emissi | ons prior to ar | ny storage ves | ssel and routing directly to the sales pipeline |
| storage vessel emissions to Unit number: VRU controlling Stora 60.5411 | limit the PTE | to below NS | essels: Check the box below if this facility is using a VRU to reduce PS OOOO or NSPS OOOOa applicability thresholds: e facility is subject to the requirements under NSPS OOOO, 40 CFR e facility is subject to the requirements under NSPS OOOOa, 40 CFR |
| scenarios. Flares shall assi | ume a destruct | ion efficiency | rios below and check the boxes next to any appropriate facility operating of 95%, unless the facility is subject to requirements for flares under 40 98%) is supported by a manufacturer specification sheet (MSS) for that |
| Unit number: FL-1 Controls storage vesses Provides a federally et CFR 60, Subpart OO Controls the glycol de Controls the amine un Controls truck loading Operates only during the | els in accordant nforceable con OO or OOOOa hydrator it g maintenance ev as during VRU | ce with 40 CI trol for the st a. vents, such as downtime ar | FR 60, Subpart OOOO or OOOOa. orage vessels to limit the PTE to below applicability thresholds of 40 S VRU downtime, check one below: e represented as uncontrolled VOC emissions from the compressor downtime are represented as controlled emissions from the combustion |
| Controls the facility d | uring plant turi | naround | |
| A • TT • TO • • • • • • • • • • • • • • • | C 11 ' ' C | | 1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' |

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 ₂ 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.

| <u>Unit #</u> | Glycol Pump Circulation Rate |
|--|--|
| | |
| Voluntary Monitoring in Accordance with §40 CFR 60.5416 requirements of 40 CFR 60.5416(a). This monitoring program established in the GCP-Oil and Gas for individual equipment. Creported in an updated Registration Form to the Department. | will be conducted in lieu of the monitoring requirements |
| □ Condition A205.B Control Device Options, Requirements, □ Condition A206.B Truck Loading Control Device Inspectio □ Condition A206.C Vapor Balancing During Truck Loading □ Condition A209.A Vapor Recovery Unit or Department-ap □ Condition A210.B Amine Unit Control Device Inspection | on g |
| Fugitive H ₂ S Screening Threshold and Monitoring in accord | lance with Condition A212: Check the box that applies. |
| Condition A212.A does not apply because the facility is below | ow the fugitive H ₂ S screening threshold in Condition A212, or |
| Condition A212.A applies. Because the facility is above the facility is voluntarily complying with Condition A212.A. at | |

Section 6

Information Used to Determine Emissions

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

Failure to include applicable supporting documentation may result in application denial. Specifications for control equipment, including control efficiency specifications and sufficient engineering data for verification of control equipment operation, including design drawings, test reports, and design parameters that affect normal operation. Engine or Generator Manufacturer specifications Catalyst Manufacturer specifications (If a catalyst is being utilized to reduce emissions, the catalyst manufacturer emission factors must be used in all emission calculations. A 25% safety factor may be applied to each pollutant. NSPS JJJJ emission factors may not be utilized in lieu of catalyst manufacture specifications when a catalyst is installed, and the catalysts manufacturer achieves higher control efficiency. Flare Manufacturer specifications Oil/Liquid Analysis: This data is required to match the inputs in all applicable emission calculations. For facilities that have not been constructed and a representative analysis is used it cannot be older than 1 year. For existing facilities, the gas analyses required by Condition A201.A (must be 1 year old or less). 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.

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.

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Section 7

Map(s)

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

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

Section 8A

Applicable State & Federal Regulations

<u>Provide a discussion demonstrating compliance with each applicable state & federal regulation</u>. 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:

| STATE REGU- LATIONS CITATION | Title | Federally Enforceable | Overview of Regulation | Unit(s) or Facility | Applies? (Yes or No) | JUSTIFICATION: Identify the applicability criteria, numbering each (i.e. 1. Post 7/23/84, 2. 75 m³, 3. VOL) |
|---------------------------------------|---|--------------------------|--|---------------------------|----------------------------|---|
| 20.2.1 NMAC | General Provisions | Yes | General Provisions apply to Notice of Intent, Construction, and Title V permit applications. | Facility | Yes | See 20.2.1.6 |
| 20.2.3 NMAC | Ambient Air Quality Standards NMAAQS | Yes | 20.2.3 NMAC is a State Implementation Plan (SIP) approved regulation that limits the maximum allowable concentration of Sulfur Compounds, Carbon Monoxide, and Nitrogen Dioxide. | Facility | Yes | This application is in compliance with 20.2.3.110 and 20.2.3.111. |
| 20.2.7 NMAC | Excess Emissions | Yes | If your entire facility or individual pieces of equipment are subject to emissions limits in a permit or numerical emissions standards in a federal or state regulation, this applies. | Facility | Yes | 20.2.7.108 |
| 20.2.38 NMAC | Hydrocarbon Storage Facility | No | Use the regulation link (left) then cut & paste applicable sections. | TK-1, TK-2, TK-3 | Yes | 20.2.38.112 The facility has an oil storage capacity greater than 65,000 gallons and was constructed after January 1, 1975. |
| 20.2.61.109 NMAC | Smoke & Visible Emissions | No | Engines and heaters are Stationary Combustion Equipment. Specify units subject to this regulation. | N/A | No | Subject engines are not present at the facility. |
| 20.2.73 NMAC | NOI & Emissions Inventory Requirements | Yes | 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 calendar year 2020. |
| 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. |

| STATE REGU- LATIONS CITATION | Title | Federally Enforceable | Overview of Regulation | Unit(s) or Facility | Applies? (Yes or No) | JUSTIFICATION: Identify the applicability criteria, numbering each (i.e. 1. Post 7/23/84, 2. 75 m³, 3. VOL) |
|------------------------------|--|--------------------------|---|---------------------------|----------------------------|---|
| 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):

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

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

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

Compliance Test History Table

(Modify this sample table to suit your facility and add rows as necessary)

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

Section 9 Proof of Public Notice

| I Glenda De Leon | | the undersigned certify that on | |
|---|---|--|-------------------|
| 8/17/2022 | (DATE), I posted | a true and correct copy of the attach | ed Public Notice |
| in a publicly accessible and property on which the facility | conspicuous place, visility is, or is proposed to b | the undersigned, certify that on a true and correct copy of the attach ble from the nearest public road, at the pe, located. | e entrance of the |
| Signed this da | y of August | , 2022 | |
| Signature | | 8/22/2022 Date | _ |
| Signature / | | Duite | |
| Glenda De LeonPrinted Name | Senior Air Quality Sp Title | pecialist | |
| Newspaper Public | ation of Notice | | |
| circulation in the | applicable county is att | per advertisement posted in a newspa ached. The original or copy of the ad I newspaper or publication title. | _ |
| | | OR | |
| stating that the a | dvertisement was publis | ication in general circulation in the application i | |
| Signature | | 8/22/2022 Date | |
| _Glenda De Leon Printed Name | Senior Air Quality S Title | pecialist | |

Printed: 8/30/2022

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 _x) | 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 ₂) | 95 |
| 7. | Hydrogen Sulfide (H2S) | 25 |
| 8. | Any one (1) Hazardous Air Pollutant (HAP) | <10 |
| 9. | Sum of all Hazardous Air Pollutants (HAPs) | < 25 |
| | | |

The owner and/or operator of the Plant is:

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

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

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

Other comments and questions may be submitted verbally.

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

Attención

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

Notice of Non-Discrimination

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

Printed: 8/30/2022

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.

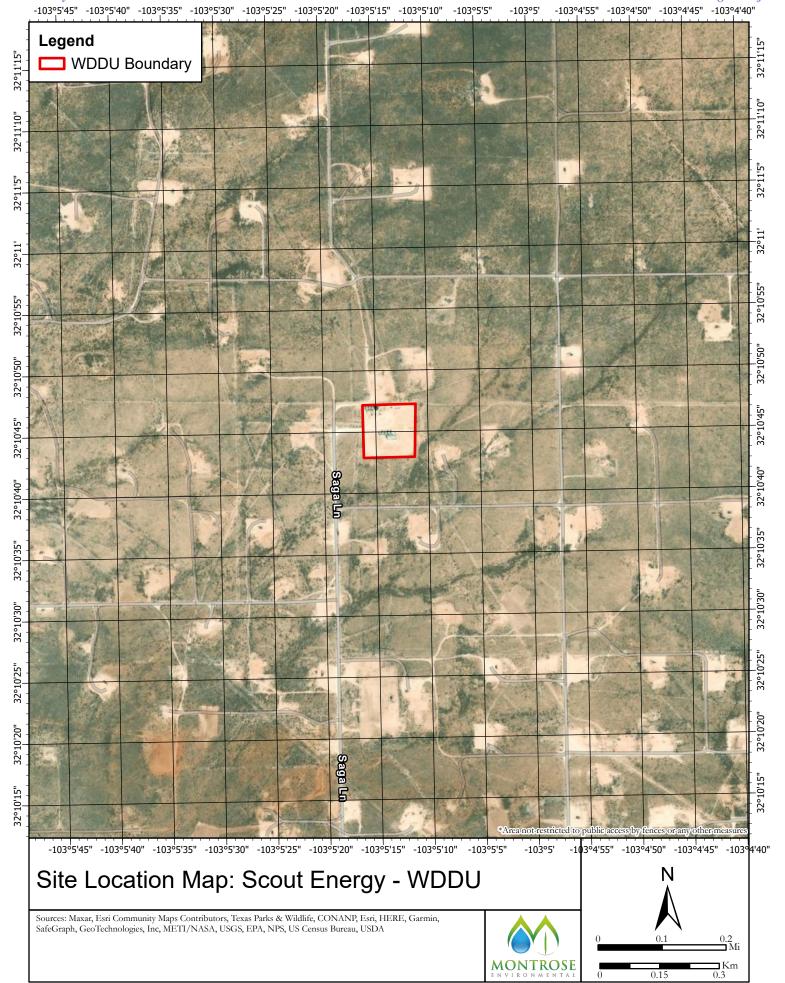


Section 10 Certification

| Company Name: Scout Energy Management L | LLC |
|--|--|
| | ereby certify that the information and data submitted in this Registration are nowledge and professional expertise and experience. |
| Signed this 22 day of August State ofTexas | ,, upon my oath or affirmation, before a notary of the |
| *Signature | 8/22/2022 Date |
| Nick Tunnell Printed Name | VP of Operations Title |
| Scribed and sworn before me on this 2 day of _ | August , 2022 . |
| | Texas expires on the |
| Soma Bridges Notary's Printed Name | SONJA BRIDGES Notary Public, State of Texas Comm. Expires 08-08-2024 Notary ID 126496834 |



ATTACHMENT 4 Section 7 Map





ATTACHMENT 5

Section 8A Federal Regulatory Applicability Review



SECTION 8A: POTENTIALLY APPLICABLE FEDERAL REGULATIONS

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

Subpart OO - National Emission Standards for Tanks - Level 1

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

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

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

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

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



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

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

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

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

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

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



ATTACHMENT 6 Newspaper Publication of Notice Affidavit

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.

fussel

Business Manager

My commission expires January 29, 2023

(Seal)

GUSSIE BLACK Notary Public - State of New Mexico Commission # 1087526 My Comm. Expires Jan 29, 2023

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

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

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

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

| 1. Nitrogen Oxides (NOx) | Tons per year (TPY) 95 |
|--|---------------------------|
| Carbon Monoxide (CO) | 95 |
| Volatile Organic Compounds (VOC) (stack) | 95 |
| 4. Particulate Matter (PM10) | 25 |
| 5. Particulate Matter (PM2.5) 6. Sulfur Dioxide (SO2) | 25 |
| 7. Hydrogen Sulfide (H2S) | 95 |
| 8. Any one (1) Hazardous Air Pollutant (HAP) | 25 |
| 9. Sum of all Hazardous Air Pollutants (HAPs) | <10 |
| The same and the s | < 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, NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Part 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, or if you believe that you have been discriminated against with respect to a NMED program or activity, you may contact: Kathryn Becker, Non-Discrimination Coordinator, NMED, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@state.nm.us. You may also visit our website at https://www.env.nm.gov/non-employee-discrimination complaintpage/ to learn https://www.env.nm.gov/non-employee-discrimination complaintpage/ to learn how and where to file a complaint of discrimination. #37940

67117423

00269941

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

| | HOLE | FIELD | | WELL | | CLIDEACE |
|--------------------------------|-----------|-------|--------------|----------|--------|---------------------|
| WELL NAME | DIRECT | CODE | API | TYPE | COUNTY | SURFACE LATITUDE |
| WDDU 4 DHTD | VERTICAL | U88 | 300251221900 | | LEA | 32.20525 |
| WDDU 30 DHTD | VERTICAL | U88 | 300251221300 | 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 | IORIZONTA | U88 | 300253148201 | OIL WELL | LEA | 32.16671 |
| WDDU 115H DHTD | IORIZONTA | U88 | 300253148301 | OIL WELL | LEA | 32.16602 |
| WDDU 118H DHTD | IORIZONTA | U88 | 300253150001 | OIL WELL | LEA | 32.16328 |
| WDDU 123H DHTD | IORIZONTA | U88 | 300253197101 | OIL WELL | LEA | 32.16983 |
| WDDU 124 DHTD | VERTICAL | U88 | 300253236900 | OIL WELL | LEA | 32.16552 |
| WDDU 125 DHTD | VERTICAL | U88 | 300253197200 | OIL WELL | LEA | 32.16950 |
| WDDU 126H DHTD | IORIZONTA | U88 | 300253197301 | OIL WELL | LEA | 32.17312 |
| WDDU 127 DHTD | VERTICAL | U88 | 300253197400 | OIL WELL | LEA | 32.17357 |
| WDDU 128 DHTD | VERTICAL | U88 | 300253197500 | OIL WELL | LEA | 32.17720 |
| WDDU 129 DHTD | VERTICAL | U88 | 300253201400 | OIL WELL | LEA | 32.17691 |
| WDDU 136 DHTD | VERTICAL | U88 | 300253209000 | OIL WELL | LEA | 32.19487 |
| WDDU 137 DHTD | VERTICAL | U88 | 300253208800 | OIL WELL | LEA | 32.19852 |
| WDDU 142 DHTD | VERTICAL | U88 | 300253237100 | OIL WELL | LEA | 32.18467 |
| WDDU 143 DHTD | VERTICAL | U88 | 300253244400 | OIL WELL | LEA | 32.19059 |
| WDDU 145 DHTD | VERTICAL | U88 | 300253237300 | OIL WELL | LEA | 32.17347 |
| WDDU 147 DHTD | VERTICAL | U88 | 300253284300 | OIL WELL | LEA | 32.17348 |
| WDDU 148 DHTD | VERTICAL | U88 | 300253277400 | OIL WELL | LEA | 32.17329 |
| WDDU 149H DHTD | IORIZONTA | U88 | 300253277001 | OIL WELL | LEA | 32.16678 |
| WDDU 153 DHTD | VERTICAL | U88 | 300253340100 | OIL WELL | LEA | 32.16962 |
| WDDU 158 DHTD | VERTICAL | U88 | 300253340500 | OIL WELL | LEA | 32.17662 |
| WDDU 159 DHTD | VERTICAL | U88 | 300253348000 | OIL WELL | LEA | 32.18350 |
| WDDU 160 DHTD | VERTICAL | U88 | 300253989700 | OIL WELL | LEA | 32.18838 |
| WDDU 161 DHTD | VERTICAL | U88 | 300253989800 | OIL WELL | LEA | 32.18464 |
| WDDU 162 DHTD | VERTICAL | U88 | 300254000400 | OIL WELL | LEA | 32.18458 |
| WEST DOLLARHIDE (DRINKARD) UNI | VERTICAL | U88 | 300253197102 | OIL WELL | LEA | 32.16983 |

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

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

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

DEFINITIONS

Action 214398

DEFINITIONS

| Operator: | OGRID: |
|-----------------------------|--|
| SCOUT ENERGY MANAGEMENT LLC | 330949 |
| 13800 Montfort Road | Action Number: |
| Dallas, TX 75240 | 214398 |
| | Action Type: |
| | [C-129] Venting and/or Flaring (C-129) |

DEFINITIONS

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

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

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District III
1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

<u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505

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

QUESTIONS

Action 214398

| Phone:(505) 476-3470 Fax:(505) 476-3462 | | |
|--|---------------------------------------|---|
| 0 | UESTIONS | |
| Operator: SCOUT ENERGY MANAGEMENT LLC | <u> </u> | OGRID: 330949 |
| 13800 Montfort Road Dallas, TX 75240 | | Action Number: 214398 |
| | | Action Type: [C-129] Venting and/or Flaring (C-129) |
| QUESTIONS | | |
| Prerequisites | | |
| Any messages presented in this section, will prevent submission of this application. Please resolve | these issues before continuing with | h the rest of the questions. |
| Incident Well | [30-025-12385] WEST DOLL | ARHIDE DRINKARD UNIT #081 |
| Incident Facility | Unavailable. | |
| Determination of Reporting Requirements | | |
| Answer all questions that apply. The Reason(s) statements are calculated based on your answers a | nd may provide addional guidance. | |
| Was this vent or flare caused by an emergency or malfunction | Yes | |
| Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event | Yes | |
| Is this considered a submission for a vent or flare event | Yes, minor venting and/or | flaring of natural gas. |
| An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during v | venting and/or flaring that is or may | he 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 | 20 a major or minor rotado ando rotro. 2017 rimino. |
| 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 | |
| | | |
| Equipment Involved | | |
| Primary Equipment Involved | Production Tank | |
| Additional details for Equipment Involved. Please specify | Not answered. | |
| Representative Compositional Analysis of Vented or Flared Natural Gas | | |
| Please provide the mole percent for the percentage questions in this group. | | |
| Methane (CH4) percentage | 52 | |
| Nitrogen (N2) percentage, if greater than one percent | 4 | |
| Hydrogen Sulfide (H2S) PPM, rounded up | 1 | |
| Carbon Dioxide (C02) percentage, if greater than one percent | 1 | |
| Oxygen (02) percentage, if greater than one percent | 0 | |
| If you are venting and/or flaring because of Pipeline Specification, please provide the required spec | ifications 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. | |

Not answered.

Oxygen (02) percentage quality requirement

QUESTIONS, Page 2

Action 214398

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

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District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

| QUESTIC | ONS (continued) |
|--|--|
| Operator: SCOUT ENERGY MANAGEMENT LLC | OGRID: 330949 |
| 13800 Montfort Road | Action Number: |
| Dallas, TX 75240 | 214398 Action Type: |
| | [C-129] Venting and/or Flaring (C-129) |
| QUESTIONS | |
| Date(s) and Time(s) | |
| Date vent or flare was discovered or commenced | 04/25/2023 |
| 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: 187 Mcf Recovered: 0 Mcf Lost: 187 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 | V |
| - | Yes |
| Was notification of downstream activity received by this operator Downstream OGRID that should have notified this operator | Yes |
| Date notified of downstream activity requiring this vent or flare | [24650] TARGA MIDSTREAM SERVICES LLC 03/16/2023 |
| Time notified of downstream activity requiring this vent or flare | 03:15 PM |
| The female of commencer acting the female | 03.131 M |
| 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 |
| Steps taken to limit the duration and magnitude of vent or flare | 3rd party issue |
| Corrective actions taken to eliminate the cause and reoccurrence of vent or flare | 3rd party issue |

Action 214398

ACKNOWLEDGMENTS

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ACKNOWLEDGMENTS

| Operator: | OGRID: |
|-----------------------------|--|
| SCOUT ENERGY MANAGEMENT LLC | 330949 |
| 13800 Montfort Road | Action Number: |
| Dallas, TX 75240 | 214398 |
| | Action Type: |
| | [C-129] Venting and/or Flaring (C-129) |

ACKNOWLEDGMENTS

| V | I acknowledge that I am authorized to submit a Venting and/or Flaring (C-129) report on behalf of this operator and understand that this report can be a complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC. |
|----------|---|
| | I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively. |
| ✓ | 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. |
| \ | 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. |
| ~ | I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations. |

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

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 214398

CONDITIONS

| Operator: | OGRID: |
|-----------------------------|--|
| SCOUT ENERGY MANAGEMENT LLC | 330949 |
| 13800 Montfort Road | Action Number: |
| Dallas, TX 75240 | 214398 |
| | 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. | 5/8/2023 |