

2RF – 160

**Rita Reclamation Facility-
ROTF Facility.
Application/C-147**

**OVERFLOW ENERGY, LLC
[292641]**

April 21, 2021

OVERFLOW ENERGY LLC
P.O. BOX 354
BOOKER, TX 79005

March 14, 2021

NMOCD
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

**RE: C-147 RECYCLING FACILITY ONLY PERMIT APPLICATION FOR RITA
RECLAMATION FACILITY, EDDY COUNTY, NEW MEXICO**

To Ms. Susan A. Lucas Kamat

Atkins Engineering Associates, Inc. (AEA) is pleased to provide this summary letter of the C-147 permit application compiled on behalf of Overflow, LLC OGRID # 292641

Location Setbacks

- 1) Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. **No, the location is in rural Eddy county the nearest municipality is Carlsbad, NM 3.5 miles to the Northwest see (Figure 1)**
- 2) Within the area overlying a subsurface mine. **No, the location is not above a subsurface mine according to meta-data provided by EMNRD Registered Mines Map the nearest underground mine is Nash Draw Mine 15.2 miles East (see Active Mines attachment)**
- 3) Within an unstable area. **No, BLM meta-data Karst Potential is low (see figure 2)**
- 4) Within a 100-year floodplain. **No, see FEMA map Figure 1**
- 5) Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). **No, see figure 1 sourced from BLM and USGS meta-data**
- 6) Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. **No, see figure 2**
- 7) Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. **No, the only well with in 500ft is C04043/C04027 commercial usage for oil and gas operations source NMOSE iwaters.**
- 8) Within 500 feet of a wetland. **No, registered wetlands within 500ft source USACE and BLM meta-data**
- 9) Depth to groundwater. **see NMOSE Log with static water level of nearby well**

Recycling Facility Design

The proposed design is a series of aboveground 500bbl tanks within a HDEP lined secondary containment with 150% of the facility volume. Total volume proposed is (10 tanks) X (500bbl) =5000bbl) (see site Layout attached)

C-147
Summary Letter

Attachments

Figure 1: Hydrology Setbacks

Figure 2: Karst and PODs

Figure 3: Site Layout, Parcel Data, Owner info

Attachment 1: Well Logs

Appendix A: Geo Photo log

C-147
Summary Letter

FIGURES

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-147
Revised April 3, 2017

Recycling Facility Only

Type of action: ☒ Permit ☒ Registration ☐ Modification ☐ Closure ☐ Other (explain) _____

Be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

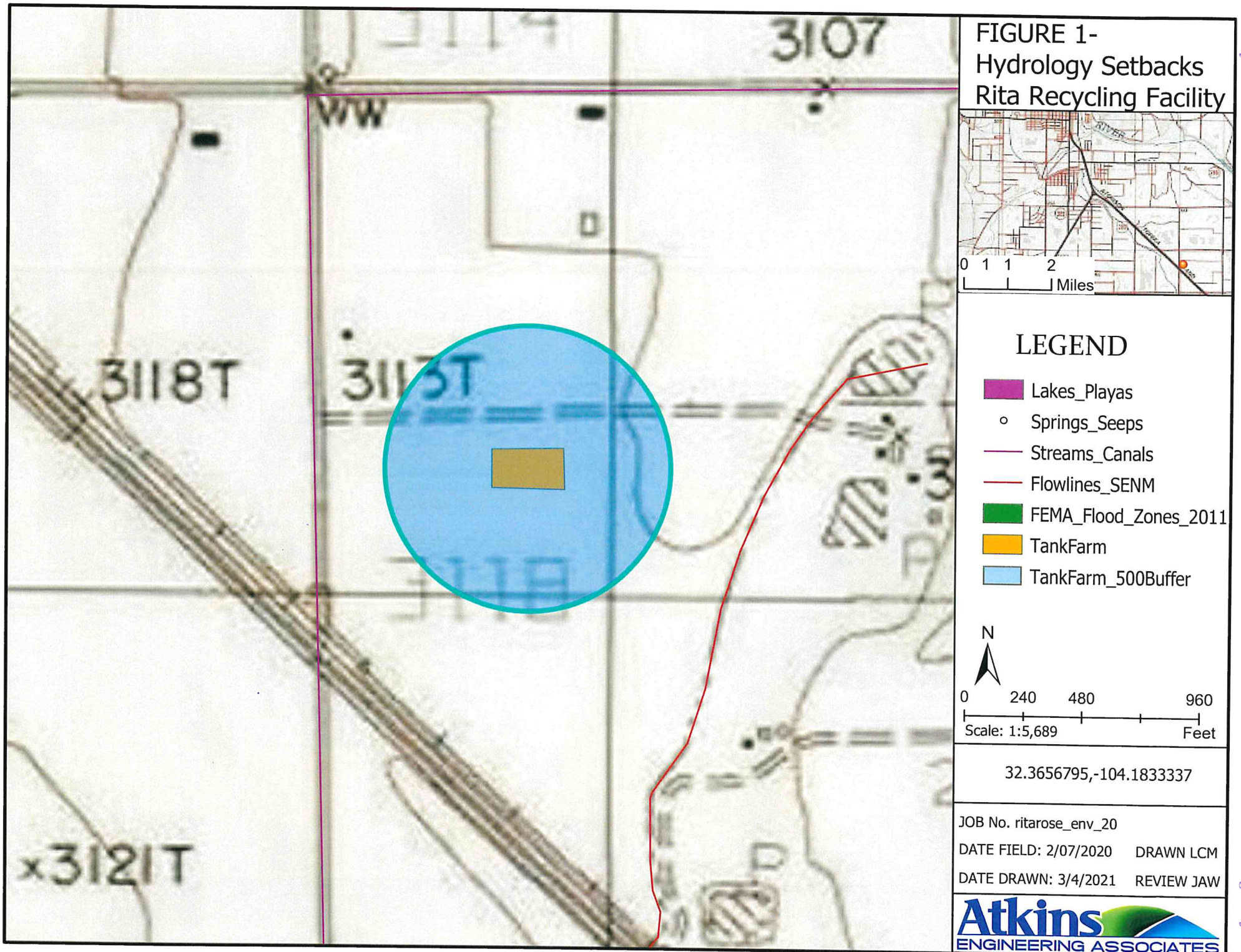
1.
Operator: Overflow Energy LLC (For multiple operators attach page with information) OGRID #: 292641
Address: P.O. Box 354 Booker, TX 79005 Facility or well name (include API# if associated with a well): _____
Rita Reclamation Facility
OCD Permit Number: 2RF-160 (For new facilities the permit number will be assigned by the district office)
U/L or Qtr/Qtr E Section 27 Township 22S Range 27E County: Eddy
Surface Owner: ☐ Federal ☐ State ☒ Private ☐ Tribal Trust or Indian Allotment

2.
☒ **Recycling Facility:**
Location of recycling facility (if applicable): Latitude 32.3656795 Longitude -104.1833337 NAD83
Proposed Use: ☒ Drilling* ☒ Completion* ☒ Production* ☒ Plugging*
**The re-use of produced water may NOT be used until fresh water zones are cased and cemented*
☐ Other, requires permit for other uses. Describe use, process, testing, volume of produced water and ensure there will be no adverse impact on groundwater or surface water.
☒ Fluid Storage
☒ Above ground tanks ☐ Activity permitted under 19.15.17 NMAC explain type _____
☐ Activity permitted under 19.15.36 NMAC explain type: _____ ☐ Other explain _____
☐ **Closure Report (required within 60 days of closure completion):** ☐ Recycling Facility Closure Completion Date: _____

3.
Variances:
Justifications and/or demonstrations that the proposed variance will afford reasonable protection against contamination of fresh water, human health, and the environment.
Check the below box only if a variance is requested:
☐ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. If a Variance is requested, include the variance information on a separate page and attach it to the C-147 as part of the application.
If a Variance is requested, it must be approved prior to implementation.

4.
Operator Application Certification:
I hereby certify that the information and attachments submitted with this application are true, accurate and complete to the best of my knowledge and belief.
Name (Print): LORI HEARON Title: VILE PRESIDENT
Signature: [Signature] Date: 3-19-21
e-mail address: lhearon@ocswd.com Telephone: 804-458-7832

5.
OCD Representative Signature: Victoria Venegas Approval/Registration Date: 04/21/2021
Title: Environmental Specialist OCD Permit Number: 2RF-160
☒ OCD Conditions _____
☐ Additional OCD Conditions on Attachment _____



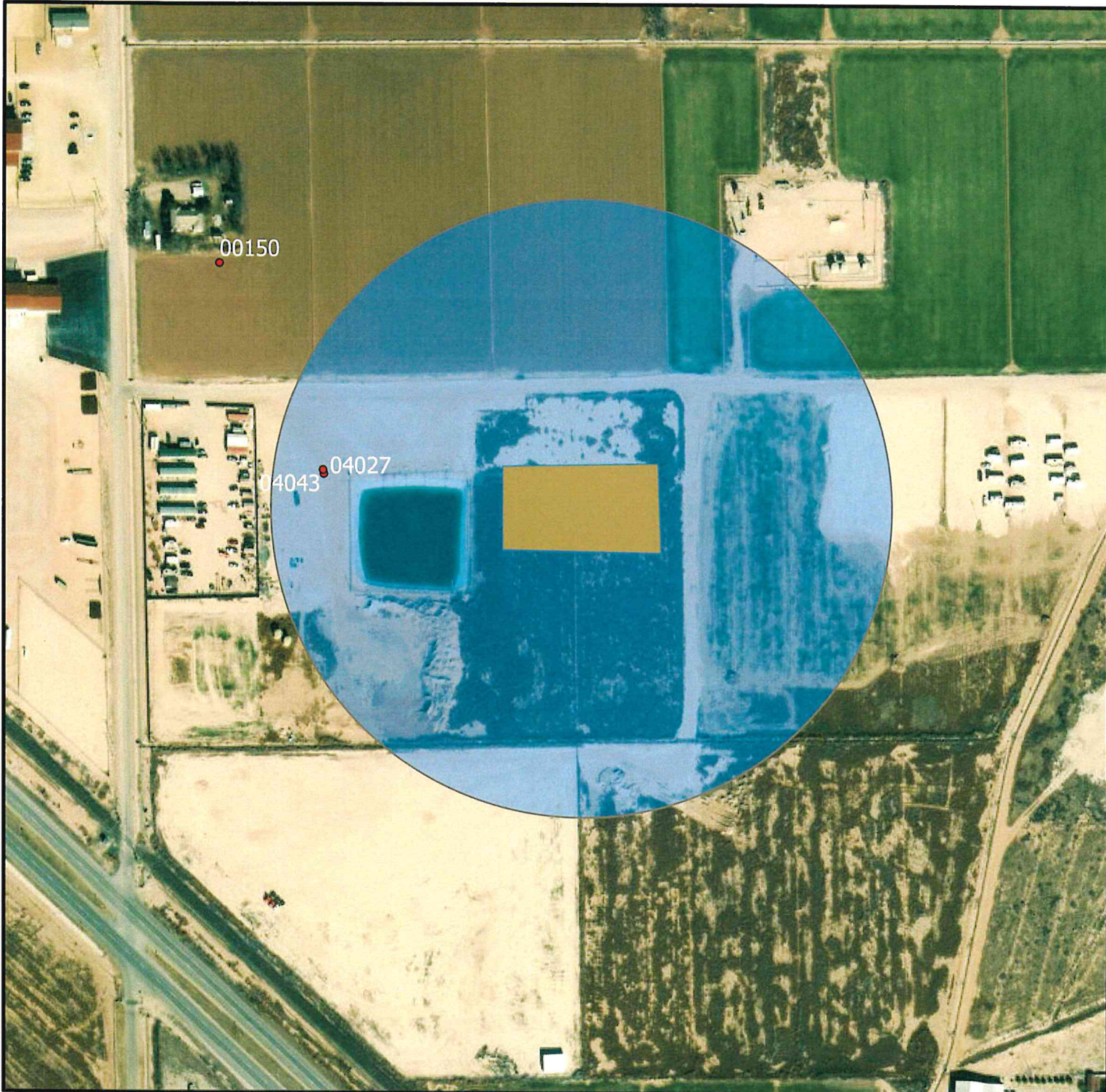
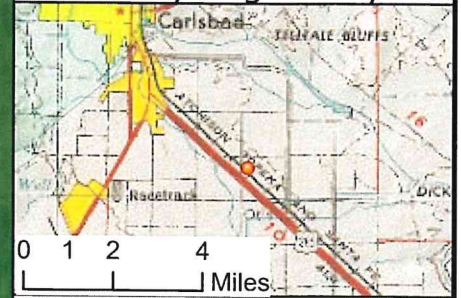


FIGURE 2-
Karst and NMOSE PODs
Rita Recycling Facility

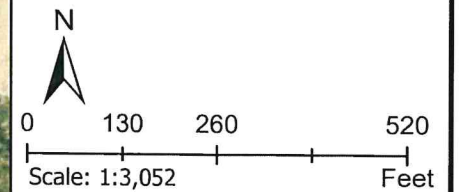


LEGEND

- TankFarm
- TankFarm_500Buffer
- OSE_Points_of_Diversion

BLM Karst Potential

- High
- Low
- Medium



32.3656795,-104.1833337

JOB No. ritarose>env.21

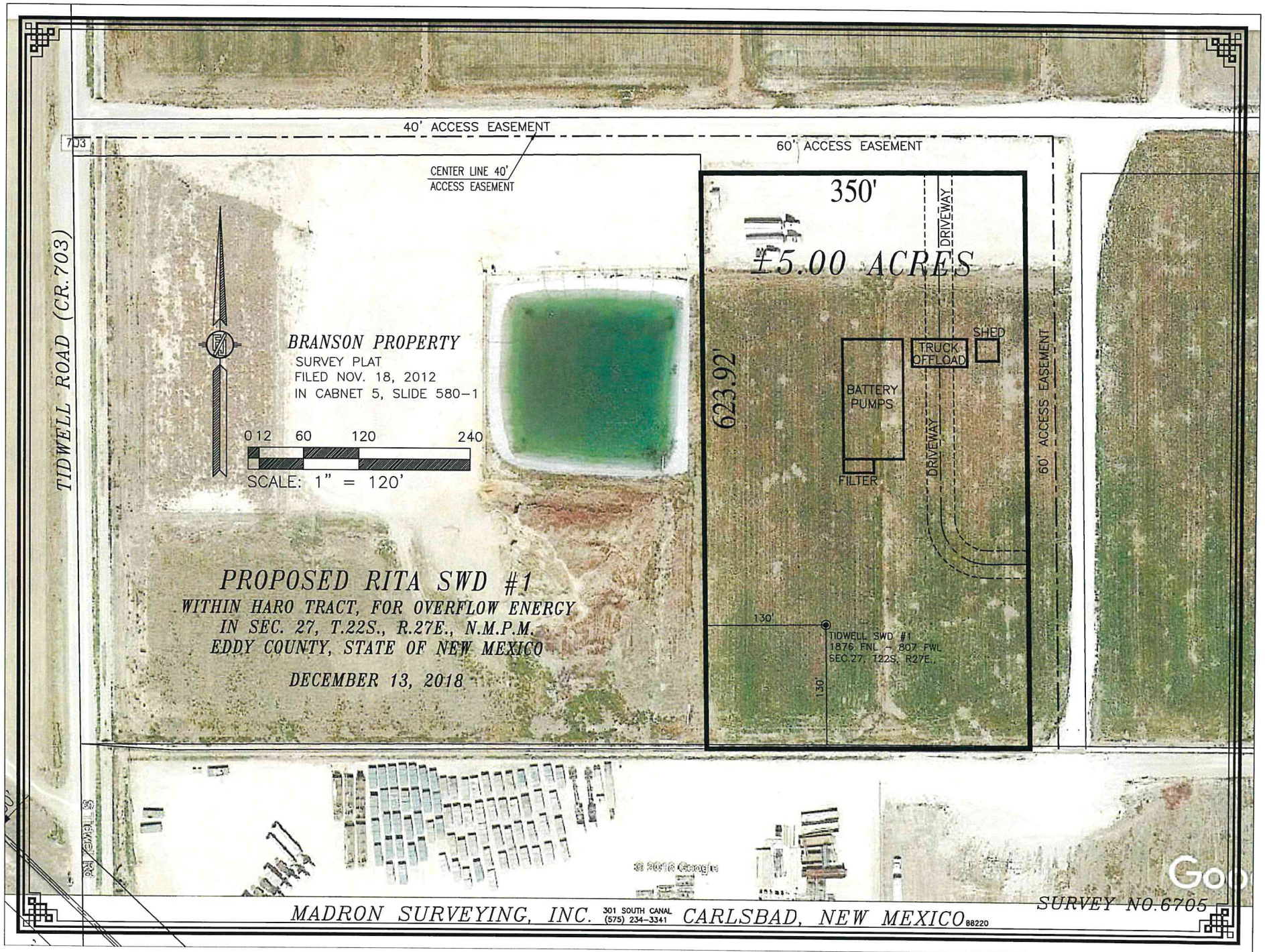
DATE FIELD: 2/07/2020

DRAWN LCM

DATE DRAWN: 3/4/2021

REVIEW JAW

Atkins
ENGINEERING ASSOCIATES





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

2017 DEC -6 PM 4:37

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) POD1				OSE FILE NUMBER(S) C-4027			
	WELL OWNER NAME(S) Scott and Valerie Branson				PHONE (OPTIONAL) 575-706-5659			
	WELL OWNER MAILING ADDRESS 910 W Pierce Street #138				CITY STATE ZIP Carlsbad NM 88220			
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 22	SECONDS 0.228° E	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
	LONGITUDE 104	11	4.88° S	W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW/4 SW/4 NW/4 Section 27 T 22S R 27E								
2. DRILLING & CASING INFORMATION	LICENSE NUMBER WD-331		NAME OF LICENSED DRILLER Joel H. Stewart			NAME OF WELL DRILLING COMPANY Stewart Brothers Drilling Co.		
	DRILLING STARTED 4/22/17	DRILLING ENDED 4/23/17	DEPTH OF COMPLETED WELL (FT) 140		BORE HOLE DEPTH (FT) 140	DEPTH WATER FIRST ENCOUNTERED (FT) 55		
	COMPLETED WELL IS: <input type="radio"/> ARTESIAN <input type="radio"/> DRY HOLE <input checked="" type="radio"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT)		
	DRILLING FLUID: <input checked="" type="radio"/> AIR <input type="radio"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input type="radio"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	30	12.25"	8.625" certa-lok	Integral bell joint	8.625"	.500	
	30	140	12.25"	8.625" certa-lok	Integral bell joint	8.625"	.500	.032"
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	0	15	12.25"	portland cement	6.2	from surface		
	15	20	12.25"	bentonite chips	2.06	from surface		
	20	140	12.25"	3/8" pea gravel	49.53	from surface		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER C-4027	POD NUMBER 1	TRN NUMBER 604422
LOCATION 22S. 27E. 27. 131		EXPL. EXPL.
		PAGE 1 OF 2

1. The first step is to identify the problem. This involves understanding the current situation and the goals that need to be achieved.

4. HYDROGEOLOGIC LOG OF WELL

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER

C-4027

POD NUMBER

P

TRN NUMBER

LOCATION

22S. 27E. 27. 131

EXPL

PAGE 2 OF 2

Chamberlin, Guy, OSE

From: Mike Stapleton [mikeale2@gmail.com]
Sent: Wednesday, December 06, 2017 3:08 PM
To: Chamberlin, Guy, OSE
Subject: Fwd: well logs
Attachments: Well Logs.pdf

Hi guy,
I plotted their GPS numbers and it still shows at the corner of the water pond. C-4027 is the second well log ,
Thanks,

Mike

--
Mstapleton, LLC
Water Resource Specialist
1805 Mountain Shadow Dr.
Carlsbad, NM 88220

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2017 DEC -6 PM 4:37

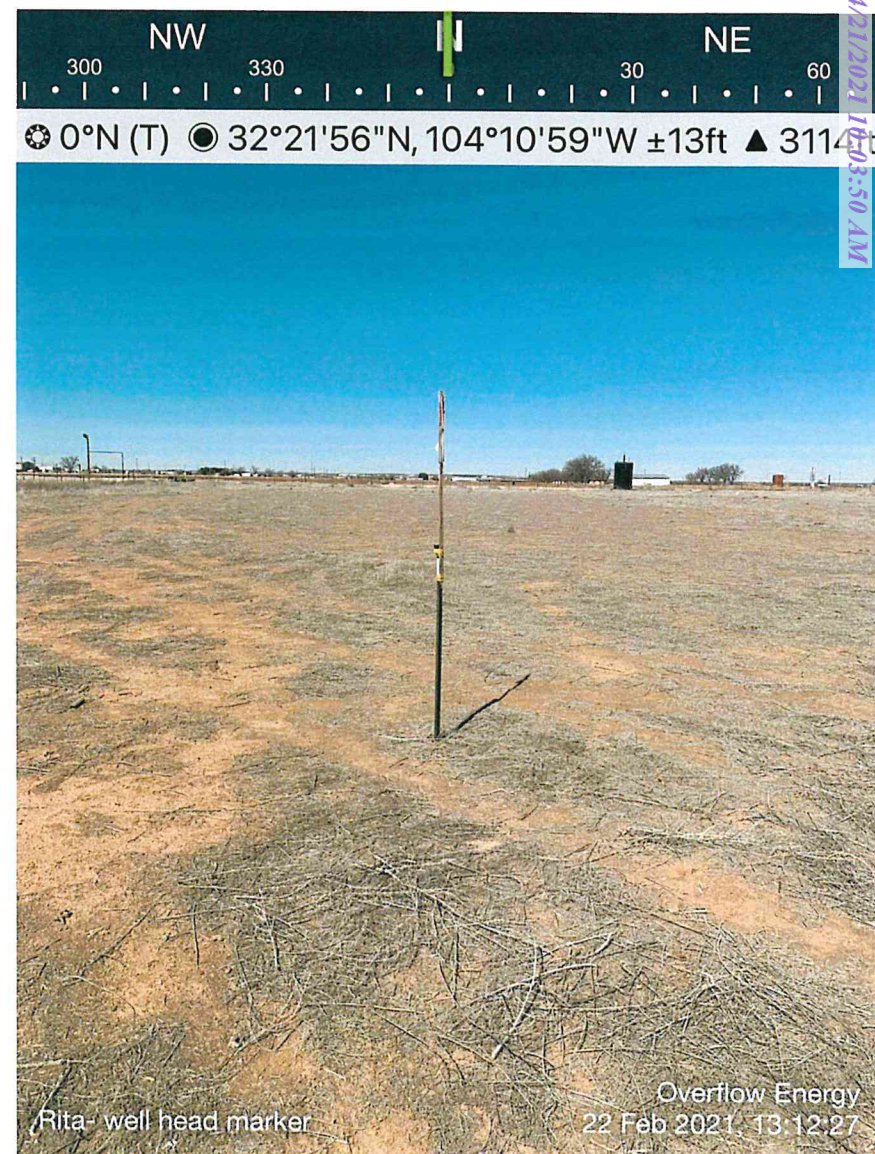
STAPLETON, MIKE
mikeale2@gmail.com

C-147 RECYCLING FACILITY APPLACATION FOR RITA EDDY COUNTY, NEW MEXICO (Photos)



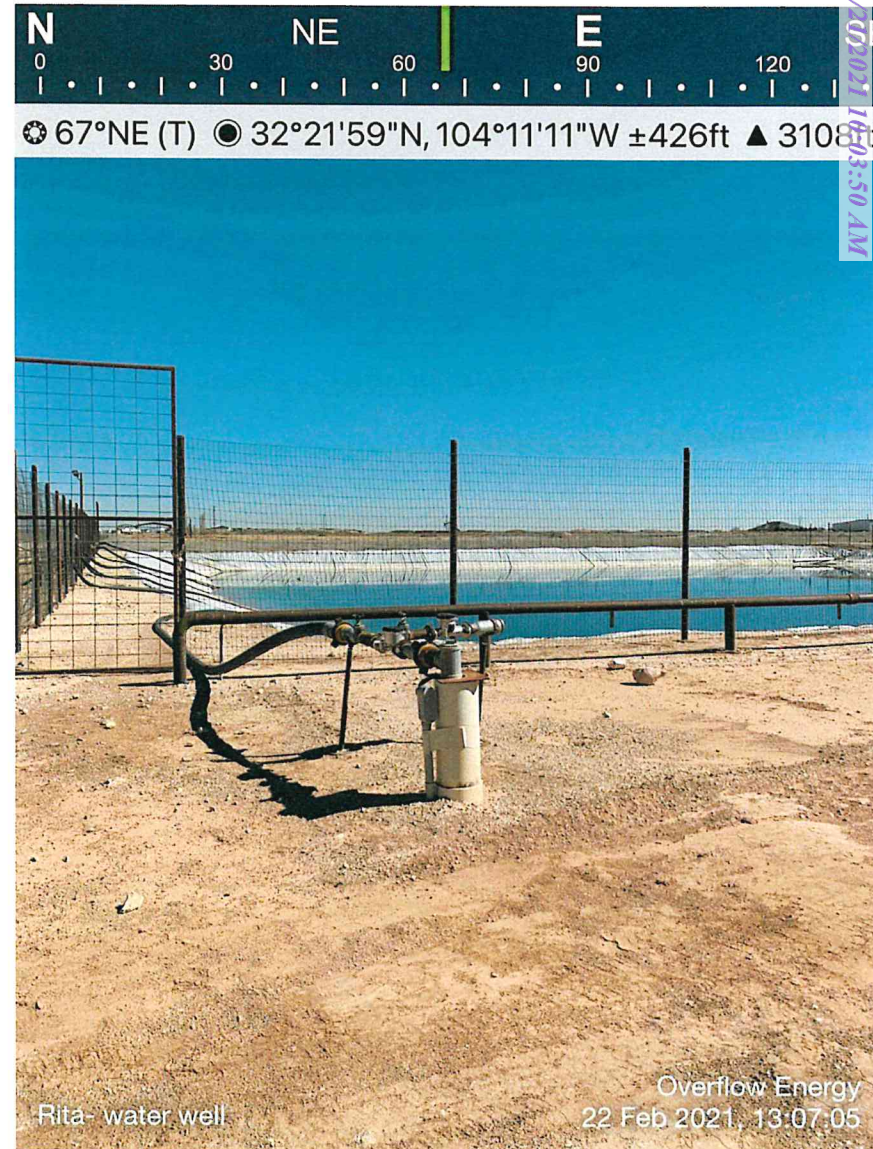
Rita Recycling Facility Application

Rita well head survey marker



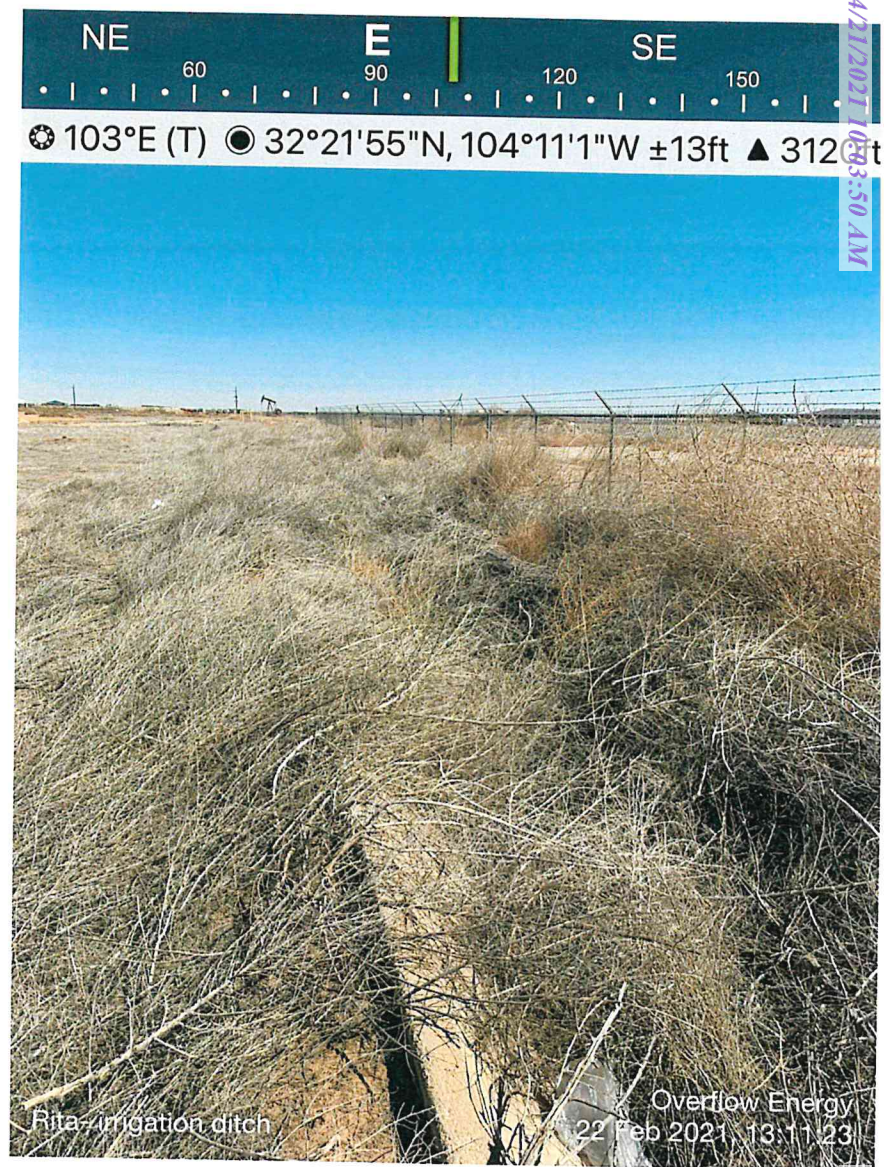
Rita Recycling Facility Application

Near by water well C04027/C04043



Rita Recycling Facility Application

Near by drainage outside the 500ft



2RF – 160

**Rita Reclamation Facility-
ROTF Facility.
Conditions of Approval**

**OVERFLOW ENERGY, LLC
[292641]**

April 21, 2021

Venegas, Victoria, EMNRD

From: Venegas, Victoria, EMNRD
Sent: Wednesday, April 21, 2021 1:39 PM
To: lhearon@oeswd.com; evalenzuela@oeswd.com
Subject: 2RF-160 - Rita Reclamation Facility

2RF-160 - Rita Reclamation Facility

NMOCD has reviewed the 2RF-160 - Rita Reclamation Facility registration submitted by OVERFLOW ENERGY, LLC [292641] on March 23, 2021. The registration is approved with the following conditions of approval:

- The 2RF-160 - Rita Reclamation Facility registration expires on March 23, 2026.
- OVERFLOW ENERGY, LLC [292641] will continue to operate, maintain, and close the 2RF-160 - Rita Reclamation Facility in compliance with 19.15.34 NMAC, to include but not limited detailed inspection records, removal of trash/oil from containment, and monthly C-148 reporting (even if there is zero activity).

Please keep a copy of this electronic communication for your files, as no paper copy of the approval will be delivered. A copy of this electronic communication will be saved in 2RF-160 - Rita Reclamation Facility electronic file on OCD Imaging at

<https://ocdimage.emnrd.state.nm.us/imaging/AEOrderFileView.aspx?appNo=pVV2111136539>

Please do not hesitate to contact me if you have further questions or concerns.

Victoria Venegas • Environmental Specialist

Environmental Bureau

EMNRD - Oil Conservation Division

811S. First St. | Artesia, NM 88210

(575) 909-0269 | Victoria.Venegas@state.nm.us

<http://www.emnrd.state.nm.us/OCD/>



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 24945

CONDITIONS OF APPROVAL

Operator: OVERFLOW ENERGY, LLC P.O. Box 354 Booker, TX79005				OGRID: 292641	Action Number: 24945	Action Type: C-147S
OCD Reviewer				Condition		
vvenegas				None		