

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

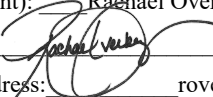
Type of action: ☐ Permit ☒ Registration ☐ Modification ☐ Closure ☐ Other (explain) _____

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: Franklin Mountain Energy, LLC (For multiple operators attach page with information) OGRID #: 373910
Address: 44 Cook Street, Suite 1000 Denver, Colorado 80206
Facility or well name (include API# if associated with a well): LOE CTB
OCD Permit Number: 1RF-483 - FACILITY ID (For new facilities the permit number will be assigned by the district office)
U/L or Qtr/Qtr N, O Section 24 Township 25S Range 35E County: Lea, County
Surface Owner: ☐ Federal ☐ State ☒ Private ☐ Tribal Trust or Indian Allotment

2.
☒ **Recycling Facility:**
Location of recycling facility (if applicable): Latitude 32.11193° Longitude -103.32118° 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 Oil and gas wells in a closed loop system using produced water stored in ASTs for well completion purposes. The ASTs will be made of steel and will not utilize a primary and secondary liner.
☐ 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): Rachael Overbey Title: Director – Operations Planning and Regulatory
Signature:  Date: 4/14/2022
e-mail address: roverbey@fmellc.com Telephone: 720-414-7868

5.
OCD Representative Signature: Victoria Venegas Approval/Registration Date: 04/25/2022
Title: Environmental Specialist OCD Permit Number: 1RF-483 - FACILITY ID
[fVV2211540547]
☒ OCD Conditions
☐ Additional OCD Conditions on Attachment



DRAGON

Connecting Catwalk Corrugated Wall Liquid Storage



SPECIFICATIONS:

- New Connecting Catwalk System
- 1/4 inch construction
- Steel shot blasted
- Most durable pain and lining in the industry
- Floor structured under coated
- Available from multiple plant locations



FTCATW500 • 8/14

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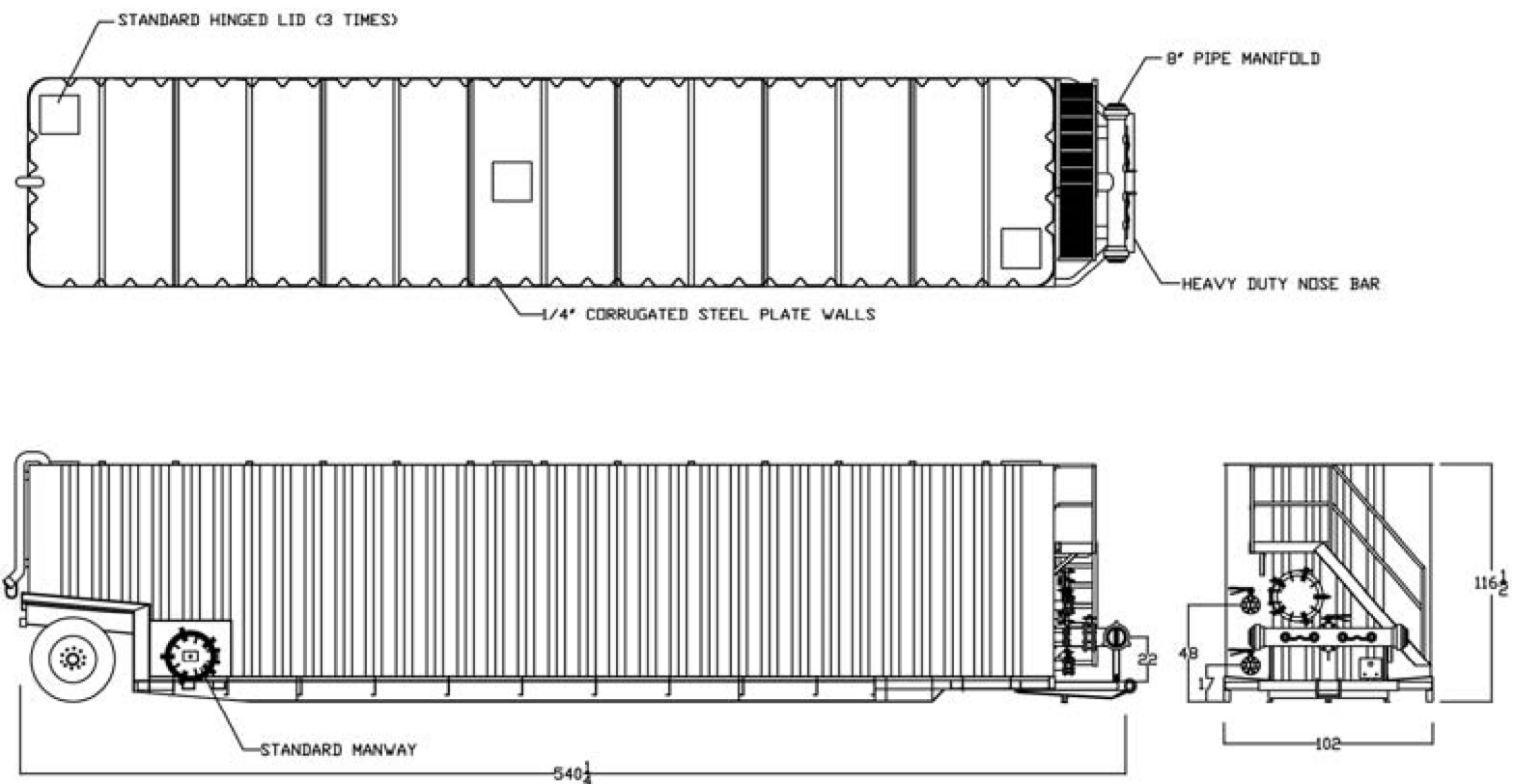
500BBL Capacity Liquid Storage

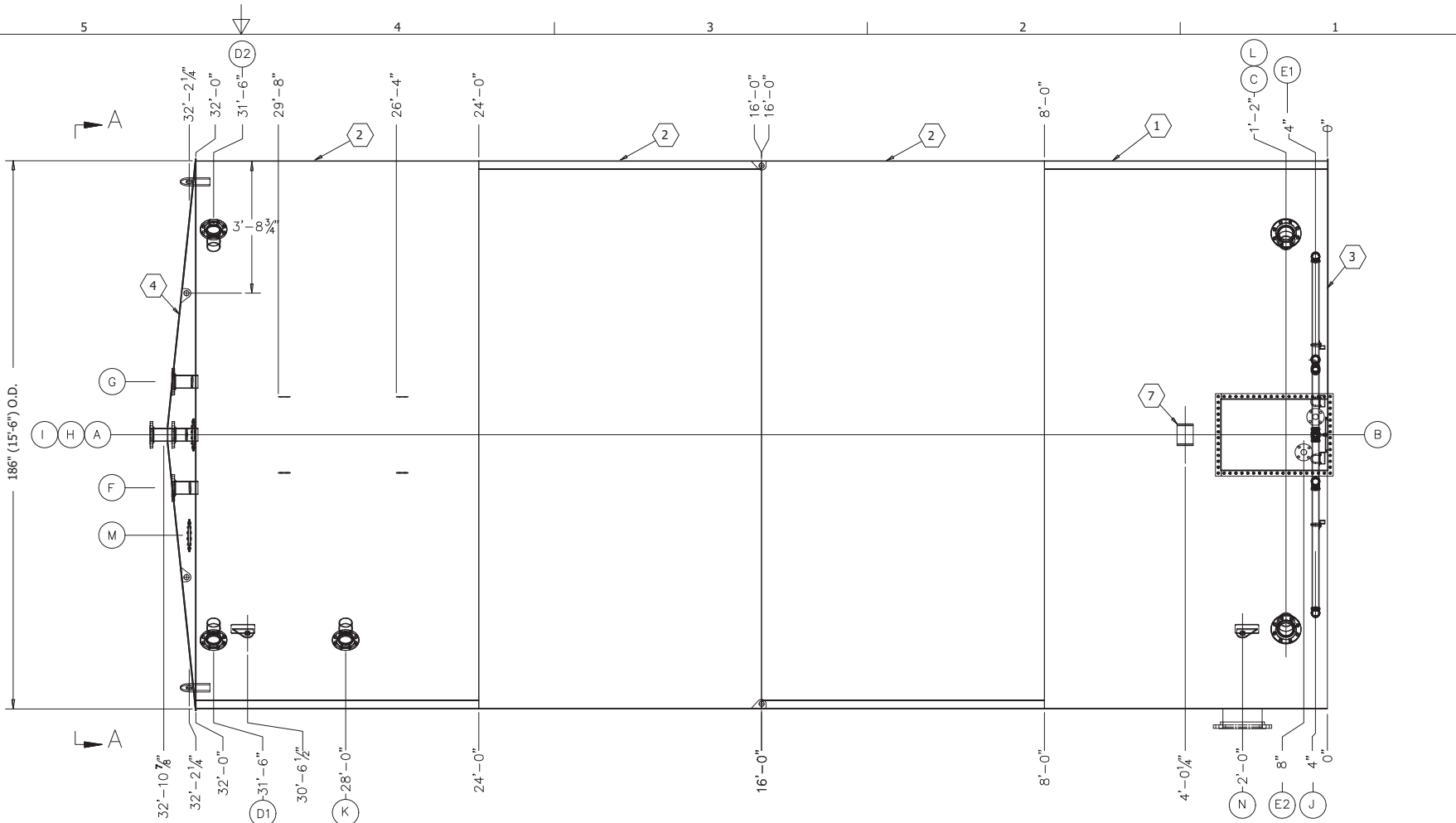
- Dragon Model 500 Barrel Corrugated Wall, Liquid Storage Tanks come equipped with new running gear, 20 mil DFT chemical resistant liners.
- All tanks are steel grit blasted and painted to you specs.
- All are built from new 1/4" heavy duty corrugated steel. You design, we deliver. All models available.
- Floor: 1/4 PL, V-bottom with integral formed side channels
- Floor support: 10" channel longitudinal runners with formed 1/4 PL cross-members
- Walls: 1/4 PL solid welded, corrugated steel, corrugations 15" on center
- Roof: flat top, 1/4 PL solid welded with channel supports outside
- Front/rear: 1/4 PL solid welded, corrugated steel, 10" radius at vertical outside corners
- Drain/fill: 4" floor drain at rear end, 3" fill pipe to roof at rear, 4" suction line connection at front, 8" flanged front manifold connection with turn down to floor. 8" exterior manifold with 4-4" couplings and Plugs, hammer union sub, nut, and caps on end
- Gel line: 4" mid high connection on curb side, 4" internal pipe with 3/4" holes located on 12" centers towards floor center, capped on rear end (end near side manway)
- Manway: 21" manway on front and side, 2 - non-sealed hatches on roof
- Pick up: standard 5th wheel king pin
- Welds: all welds continuous except substructure cross-members



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WELDING DETAILS

TYP. R.S. & L.S.

NOTES

1. BOTTOM THICKNESS: 1/4 IN. BOTTOM SHELL THICKNESS: 1/4 IN. DECK THICKNESS: 1/4 IN. SHELL THICKNESS: 3/16 IN.

2. TEST TANK WITH 24 OZ. AIR PRESSURE.

3. APPROXIMATE DRY WEIGHT: 17,000 LBS.

4. INTERIOR TO BE SANDBLASTED SSPC-SP-10 AND COATED WITH NOVA PLATE UHS.

5. FULLY INTERNALLY COATED FOR WATER TANK & FOR OIL TANK SHELL DISTANCE (FROM BTM. GOING UP): 3'-0"

6. EXTERIOR TO BE PAINTED BLM SHALE GREEN.

7. ENARDO ES-660-HF THIEF HATCH SET AT 16 OZ/IN2 & 0.4 OZ/IN2 VACCUM.

REVISION HISTORY				
No.	DATE	DESCRIPTION	BY	CHK.
0	10/23/20	ISSUED FOR APPROVAL	AP	AP
1	10/29/20	ISSUED FOR CONSTRUCTION	AP	AP

APPROVED FOR PRODUCTION

ENGINEER SIGNATURE _____ DATE _____

CUSTOMER: FRANKLIN MTN. ENERGY

P.O. NO.: _____

JOB NO.: _____

DESCRIPTION: _____

SCALE: **AS SPECIFIED**

SHEET: **1 OF 1**

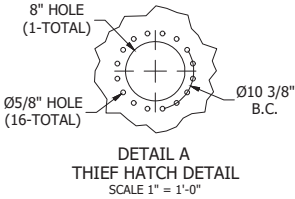
1,000 BBL Storage Water/Oil Tank

(15'-6" O.D. x 32'-0" High)

REVISION: 1 DATE: 10/29/20 DRAWN: AP AF-1000-94000

N	WATER FROM GUN BARREL	1	12"	150#	RFSO FLANGE	6"
M	EMERGENCY PVRV	1	8"	API FLANGE 8 IN. ROUND	-	
L	TANK MIXER	1	8"	150#	RFSO FLANGE	6" W/ 3/8" repad
K	OIL FROM GUN BARREL	1	4"	150#	RFSO FLANGE	6"
J	MAINTENANCE DRAIN	1	4"	150#	RFSO FLANGE	6"
I	VENT	1	6"	150#	RFSO FLANGE	6"
H	INSTRUMENTATION	1	4"	150#	RFSO FLANGE	6"
G	FILL	1	4"	150#	RFSO FLANGE	6"
F	SPARE	1	4"	150#	RFSO FLANGE	6"
E	RECYCLE	2	2"	150#	RFSO FLANGE	6"
D	OVERFLOW	2	4"	150#	RFSO FLANGE	6"
C	LOAD OUT	1	8"	150#	RFSO FLANGE	6" W/ 3/8" repad
B	CLEAN-OUT	1	24" X 36"	SHOP - MADE	2"	
A	THIEF HATCH	1	8"	API-ENARDO ES-660-HF	-	
KEY	SERVICE	QTY.	SIZE	RATING	TYPE	ExtP. PROJECTION
LEGEND						
SCHEDULE OF OPENINGS						

18	1	0.375"	-----	6"	PIPE 12" STD. NECK FOR N	SA-106B
17	2	0.322"	-----	7"	PIPE 8" STD. NECK FOR C & L	SA-106B
16	1	0.280"	-----	6"	PIPE 6" STD. NECK FOR I	SA-106B
15	7	0.237"	-----	6"	PIPE 4" STD. NECK FOR D1, D2, F, G, H, J & K	SA-106B
14	2	0.154"	-----	6"	PIPE 2" STD. NECK FOR E1 & E2	SA-106B
13	1	-----	-----	-----	R.F. S.O. 12" CL. 150	SA-105
12	2	-----	-----	-----	R.F. S.O. 8" CL. 150	SA-105
11	1	-----	-----	-----	R.F. S.O. 6" CL. 150	SA-105
10	7	-----	-----	-----	R.F. S.O. 4" CL. 150	SA-105
9	2	-----	-----	-----	R.F. S.O. 2" CL. 150	SA-105
8	1	-----	-----	-----	NAMEPLATE, AZTECA TANK	-----
7	1	-----	-----	-----	NAMEPLATE BRACKET	-----
6	1	0.125"	-----	128"	GASKET, STRIP W/ 1/2" HOLES EVERY 2", FOR CLEANOUT	-----
5	64	-----	-----	-----	BOLT, 5/8" X 1 1/2", W/HEX NUT, FOR CLEANOUT	SA-449-1
4	1	1/4"	-----	-----	PLATE, DECK, 386.2 SQ.FT	SA-36
3	1	1/4"	189"	-----	PLATE, BASE, 189" O.D.	SA-36
2	3	3/16"	96"	583 3/4"	PLATE, SHELL, ROLL TO 15'-6" O.D.	SA-36
1	1	1/4"	96"	583 3/4"	PLATE, SHELL, ROLL TO 15'-6" O.D.	SA-36
No.	QTY.	THK.	WIDTH	LENGTH	DESCRIPTION	MATERIAL
BILL OF MATERIAL						



AZTECA FABRICATION

A New Era in Oilfield Production Equipment

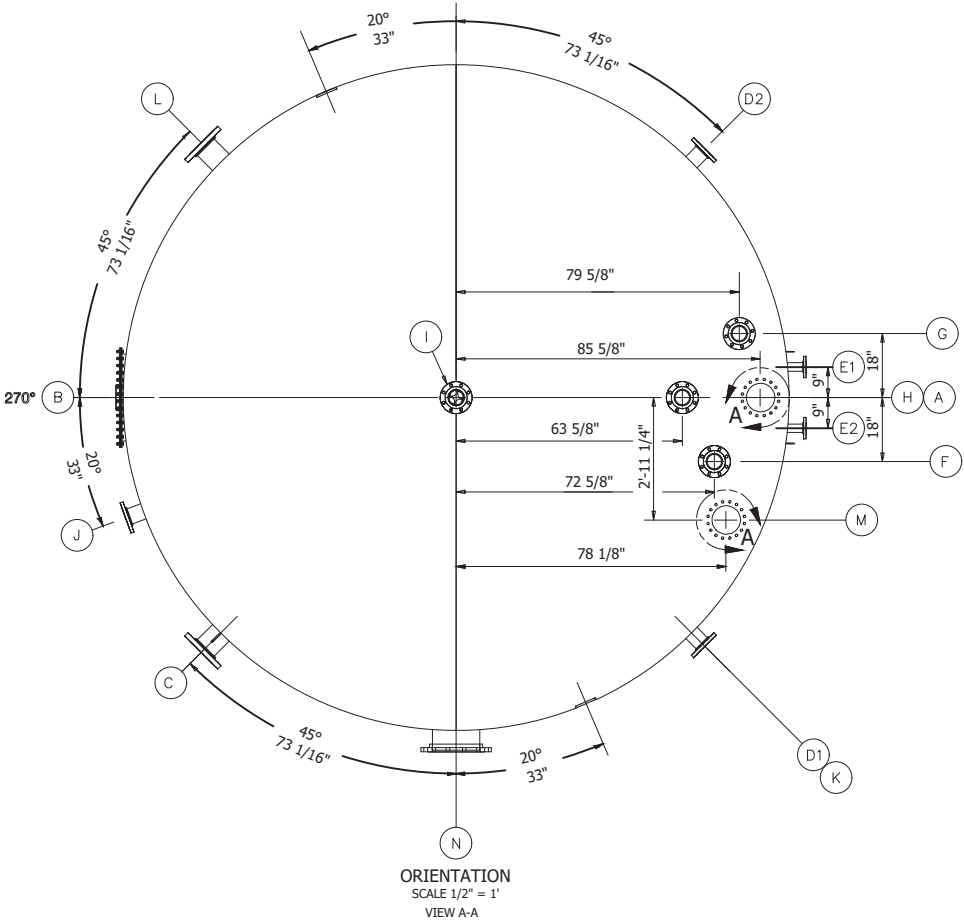
CERTIFIED BY
AZTECA FABRICATION, INC.

Nominal Capacity **1000** BBL

Design Pressure **16/-1** oz

Serial No. **FME4021-27** Year Built **2020**

206 N. Sophie Monahans, TX 79756 www.aztecafabrication.com 432-943-8888



Venegas, Victoria, EMNRD

From: Venegas, Victoria, EMNRD
Sent: Monday, April 25, 2022 2:13 PM
To: Rachael Overbey
Subject: 1RF-483 - LOE CTB FACILITY ID [fVV2211540547]
Attachments: C-147 1RF-483 - LOE CTB FACILITY ID [fVV2211540547].pdf

1RF-483 - LOE CTB FACILITY ID [fVV2211540547]

Good afternoon,

NMOCD has reviewed the facility registration submitted by Franklin Mountain Energy LLC [373910] on April 6, 2022, for 1RF-483 - LOE CTB FACILITY ID [fVV2211540547] in O-24-25S-35E, Lea County NM. The registration is approved with the following conditions of approval:

- The purpose of this permit is for oil and gas activities regulated under the NMAC 19.15.34.3 STATUTORY AUTHORITY: 19.15.34 NMAC is adopted pursuant to the Oil and Gas Act, Paragraph (15) of Section 70-2-12(B) NMSA 1978, which authorizes the division to regulate the disposition of water produced or used in connection with the drilling for or producing of oil and gas or both and Paragraph (21) of Section 70-2-12(B) NMSA 1978 which authorizes the regulation of the disposition of nondomestic wastes from the exploration, development, production or storage of crude oil or natural gas.
- Franklin Mountain Energy LLC [373910] shall construct, operate, maintain, close, and reclaim the 1RF-483 - LOE CTB FACILITY ID [fVV2211540547] in compliance with 19.15.34 NMAC, to include, but is not limited to, detailed inspection records, garbage disposal / containment oil and monthly C-148 report (even if there is no activity).
- [373910] Franklin Mountain Energy LLC shall submit monthly reports of recycling and reuse of produced water, drilling fluids, and liquid oil field waste on NMOCD form C-148 through [OCD Online](#) even if there is zero activity.
- If less than 20% of the total fluid capacity is utilized every six months, beginning from the first withdrawal, operation of the facility is considered ceased and notification of cessation of operations should be sent electronically to [OCD Online](#). An extension to extend the cessation of operation, not to exceed six months, may be submitted using a C-147 form through [OCD Online](#).
- The operator shall remove all fluids within 60 days from the date the operator ceases operations. NMOCD may grant an extension for the removal of all fluids not to exceed two months.
- Water reuse and recycling from 1RF-483 - LOE CTB FACILITY ID [fVV2211540547] is limited to wells owned and operated by Franklin Mountain Energy LLC [373910].
- [373910] Franklin Mountain Energy LLC shall comply with 19.15.29 NMAC Releases in the event of any release of produced water or other oil field wastes at 1RF-483 - LOE CTB FACILITY ID [fVV2211540547].

Please reference number 1RF-483 - LOE CTB FACILITY ID [fVV2211540547] in all future communications.

Please let me know if you have any questions or concerns.

Regards,

Victoria Venegas • Environmental Specialist

Environmental Bureau

EMNRD - Oil Conservation Division

(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

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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 98656

CONDITIONS

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 98656
	Action Type: [C-147] Water Recycle Short (C-147S)

CONDITIONS

Created By	Condition	Condition Date
vvenegas	NMOCD has reviewed and approved the facility registration submitted by Franklin Mountain Energy LLC [373910] on April 6, 2022, for 1RF-483 - LOE CTB FACILITY ID [FVV2211540547] in O-24-25S-35E, Lea County NM.	4/25/2022