

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Incident ID	nAPP2123153867
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Marathon Oil Permian LLC	OGRID 372098
Contact Name Melodie Sanjari	Contact Telephone 575-988-8753
Contact email msanjari@marathonoil.com	Incident # (assigned by OCD)
Contact mailing address 4111 S. Tidwell Rd., Carlsbad, NM 8220	

Location of Release Source

Latitude 32.28208193 Longitude -104.28644227
(NAD 83 in decimal degrees to 5 decimal places)

Site Name RED LIGHT 27 34 STATE COM #002H	Site Type Oil & Gas Facility
Date Release Discovered: 8/19/2021	API# (if applicable) 30-015-43917

Unit Letter	Section	Township	Range	County
D	27	23S	26E	Eddy

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 332	Volume Recovered (bbls) 360
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Operator arrived on location to a pinhole on the water leg off of the separator that resulted in the release of approx. 332 bbl. of produced water. The source of the failure was isolated and all standing fluid was recovered. It should be noted that it was actively raining the day of discovery – hence the higher volume of recovered fluid. A notice will be sent out to the Division prior to a liner inspection.

State of New Mexico
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Volume
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? NOR submitted 8/19/2021	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Melodie Sanjari</u> Title: <u>Environmental Professional</u> Signature: <u>Melodie Sanjari</u> Date: <u>8/23/2021</u> email: <u>msanjari@marathonoil.com</u> Telephone: <u>575-988-8753</u>
<u>OCD Only</u> Received by: _____ Date: _____

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Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

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Printed Name: Melodie Sanjari Title: Environmental Professional

Signature: Melodie Sanjari Date: 9/2/2021

email: msanjari@marathonoil.com Telephone: 575-988-8753

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Liner Integrity Inspection (Photos Attached)

Date: 9/1/2021

Facility: Red Light 2H

48 Hour Notification Given On: ~~8/30~~ 8/30/2021

Responsible party has visually inspected the liner (Y/N)

Liner remains intact (Y/N)

Liner had the ability to contain the leak in question: (Y/N)

Notes:

- 2-3" gravel removed from 10 ^{2-3ft²} ~~(200)~~ areas throughout containment (in/out of source proximity).
- outer perimeter of metal containment has no noted failures.
- in none of these areas are any evidence of a failure of the liners integrity.
- there were two instances in which the liner was slightly pulled away from the containment at the top of the containment wall which did not have ~~had~~ any impact (even close) to the release area.
- containment in good shape, no pulling or burrowing against pad floor.
- removal of such a small depth of gravel would undoubtedly cause damage to the liners integrity.
- all seams on liner wall intact.

Company Representative(s)

M. Sanjari

nAPP2123153867

As noted in the Liner Integrity Inspection Form – gravel was carefully removed by hand to expose 10 portions of the liner, 2-3 ft² in area, across the containment. In the exposed areas, there were no rips, tears or pinholes observed. Removal of the 2-3 inches of gravel in place across the entire containment poses high risk for puncture or damage by means of shovels etc. There were two instances where the liner was pulled away from the bolts and the top of the containment walls but that was far higher than the impacted area and in no way effected the containment or liner's ability to contain the release in question – these areas have been scheduled for repairs. All seams on the liner's walls were sealed and in-tact and there was no pulling, or burrowing on the outside of containment near the engineered pad. The following photos detail the exposed liner called out in the map below.



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Areas 1-3



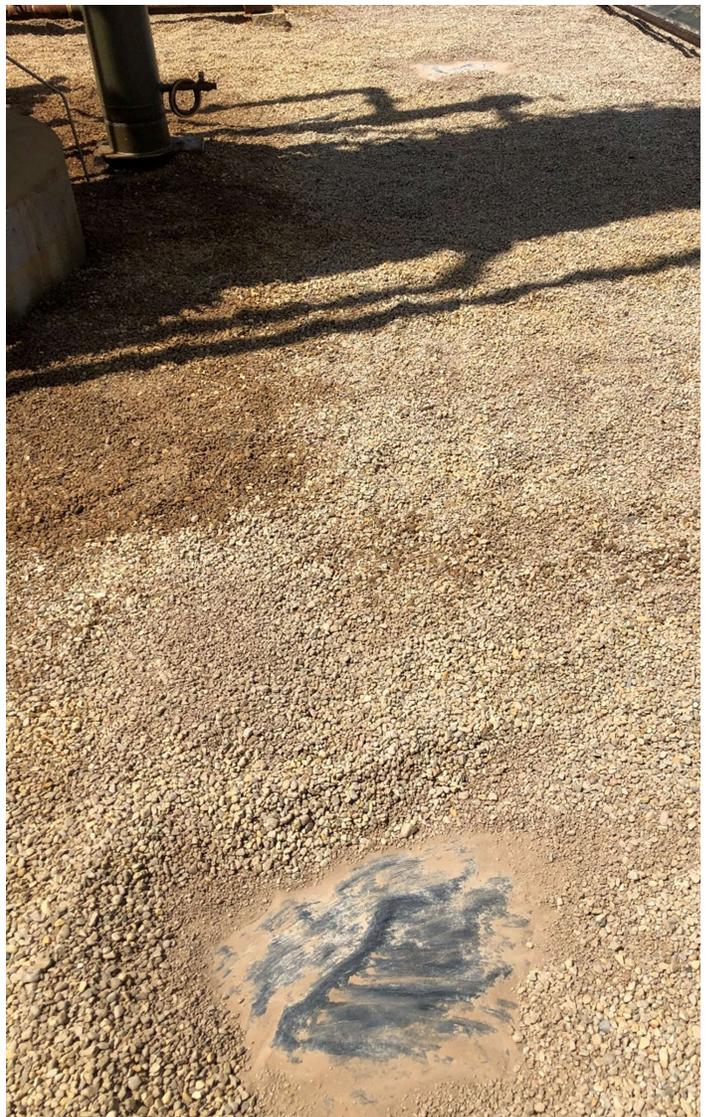
nAPP2123153867

Areas 4 & 5



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Areas 6 & 7



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Areas 4, 5 & 10



nAPP2123153867

Areas 9 & 10



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Areas 8-10



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Printed Name: Melodie Sanjari Title: Environmental Professional

Signature: Melodie Sanjari Date: 9/2/2021

email: msanjari@marathonoil.com Telephone: 575-988-8753

OCD Only

Received by: Robert Hamlet Date: 9/14/2021

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Robert Hamlet Date: 9/14/2021

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

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 46136

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 5555 San Felipe St. Houston, TX 77056	OGRID: 372098
	Action Number: 46136
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2123153867 RED LIGHT 27 34 STATE COM #002H, thank you. This closure is approved.	9/14/2021