

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

Incident ID	NRM2012238948
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 <a href="mailto:msanjari@marathonoil.com">msanjari@marathonoil.com</a>	Incident # (assigned by OCD)
Contact mailing address 4111 S. Tidwell Rd., Carlsbad, NM 8220	

### Location of Release Source

Latitude 32.06587633

Longitude -103.392175  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: CAVE LION 5 WC FEDERAL #002H	Site Type Oil & Gas Facility
Date Release Discovered 4/25/2020	API# (if applicable) 30-025-45421

Unit Letter	Section	Township	Range	County
N	05	26S	35E	Lea

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) 46	Volume Recovered (bbls) 40
	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

A failure in the water leg released approximately 46 bbl of produced water into the lined containment – no fluid hit the engineered pad and all standing fluid was removed from inside of the containment (vac ticket attached). The failure was isolated and repaired. A 48 hour notification will be given before the liner inspection is conducted.

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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 is greater than 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes by MOC (Melodie Sanjari) via email to BLM & NMOCD District 1 on 4/25/2020	

## 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: 4/30/2020
email: <u>msanjari@marathonoil.com</u>	Telephone: <u>575-988-8753</u>
<b><u>OCD Only</u></b>	
Received by: <u>Ramona Marcus</u>	Date: <u>5/1/2020</u>

NRM2012238948



## Spill Calculation Tool

### Standing Liquid Inputs:

	Length (ft.)	Width (ft.)	Avg. Liquid Depth (in.)	% Oil	Total Volume (bbls)	Water Volume (bbls)	Oil Volume (bbls)
Rectangle Area #1	100	124	0.25		46.01	46.01	0.00
Rectangle Area #2					0.00	0.00	0.00
Rectangle Area #3					0.00	0.00	0.00
Rectangle Area #4					0.00	0.00	0.00
Rectangle Area #5					0.00	0.00	0.00
Rectangle Area #6					0.00	0.00	0.00
Rectangle Area #7					0.00	0.00	0.00
Rectangle Area #8					0.00	0.00	0.00
Liquid Volume:					46.01	46.01	0.00

### Saturated Soil Inputs:

Soil Type: Gravel Loam

	Length (ft.)	Width (ft.)	Avg. Saturated Depth (in.)	% Oil	Total Volume (bbls)	Water Volume (bbls)	Oil Volume (bbls)
Rectangle Area #1				0%	0.00	0.00	0.00
Rectangle Area #2				0%	0.00	0.00	0.00
Rectangle Area #3				0%	0.00	0.00	0.00
Rectangle Area #4				0%	0.00	0.00	0.00
Rectangle Area #5				0%	0.00	0.00	0.00
Rectangle Area #6				0%	0.00	0.00	0.00
Rectangle Area #7					0.00	0.00	0.00
Rectangle Area #8					0.00	0.00	0.00
Saturated Volume					0.00	0.00	0.00

### Volume Recovered and not included in Standing Liquid Inputs:

% Oil	Total Volume (bbls)	Water Volume (bbls)	Oil Volume (bbls)

	Total Volume (bbls)	Water Volume (bbls)	Oil Volume (bbls)
Total Spill Volume (bbls):	46.01	46.01	0.00



# United Well Services, LLC.

P.O. Box 2121 Carlsbad, NM 88221

Phone# 575-649-5634 • uws1999@gmail.com

Date 4-26-20No 76577Company MARATHON OILLocation/Lease CAVE LION 5 TB FEDERAL 8 H

Disposal/Ticket # \_\_\_\_\_

Water Station WGL Ticket # \_\_\_\_\_

Top Gage \_\_\_\_\_ Bottom Gage \_\_\_\_\_

Truck No. 4432

START TIME	AM PM	END TIME	AM PM	TOTAL HOURS
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<input type="checkbox"/> Fresh water				
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Barrels

<input type="checkbox"/> Brine water				
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Barrels

<input type="checkbox"/> Produced water				
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Barrels

<input type="checkbox"/> Other <u>Clean water</u>		<u>40</u>		
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Barrels

<input type="checkbox"/> KCL				
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Barrels

Job Description WORKIN ON locationClean up spilled water40. BBLs To disposal

Time leaving yard	<u>5:30</u>	<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM
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Time arriving location	<u>7:30</u>	<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM
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Time leaving location	<u>11:00</u>	<input type="checkbox"/> AM <input type="checkbox"/> PM
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Time arriving disposal/water st.		<input type="checkbox"/> AM <input type="checkbox"/> PM
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Time leaving disposal/water st.		<input type="checkbox"/> AM <input type="checkbox"/> PM
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Time arriving yard		<input type="checkbox"/> AM <input type="checkbox"/> PM
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Driver Name Alberto Santillan

Co-Personnel \_\_\_\_\_