

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	nAPP2129255688
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 32.28465704 Longitude -104.2082717
(NAD 83 in decimal degrees to 5 decimal places)

Site Name STERLING STATE 23 27 20 TB #004H	Site Type Oil & Gas Facility
Date Release Discovered: 10/19/2021	API# (if applicable) 30-015-44619

Unit Letter	Section	Township	Range	County
O	20	23S	27E	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) 2044	Volume Recovered (bbls) 2040
	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 pinhole in the water leg, just upstream of the water transfer pump resulted in the release of approx. 2044 bbl. of produced water. The source was immediately isolated and all standing fluid was recovered. After inspecting the facility, it was found that there were two areas where the liner failed and resulted in approx. 4.6 bbl. of produced water to leach onto the engineered pad. The failure are scheduled for repair and a remediation plan will be submitted detailing the scope of work.

Incident ID	nAPP2129255688
District RP	
Facility ID	
Application ID	

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)? Yes, NM OCD NOR and email to SLO was submitted 10/19/2021	

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>10/21/2021</u> email: <u>msanjari@marathonoil.com</u> Telephone: <u>575-988-8753</u>
<u>OCD Only</u> Received by: _____ Date: _____



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	60	223	13	0%	2581.67	2581.67	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
Tank Displacement		2810	13		542.19	542.19	0.00
Tank Displacement					0.00	0.00	0.00
Liquid Volume:					2039.48	2039.48	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	27	15	4	0%	3.37	3.37	0.00
Rectangle Area #2	10	15	4	0%	1.25	1.25	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					4.61	4.61	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):	2044.09	2044.09	0.00

United Well Services, LLC.

P.O. Box 2121 Carlsbad, NM 88221
Phone# 575-649-5634 • uws1999@gmail.com

Date 10/19/2021 No **98006**

Company MARATHON OIL

Location/Lease STERLING 6H 4H CTB

Disposal/Ticket # NGL (contaminated)

Water Station _____ Ticket # _____

Top Gage _____ Bottom Gage _____

Truck No. 4421

START TIME	AM PM	END TIME	AM PM	TOTAL HOURS
				<u>1.5</u>

- Fresh water _____ Barrels
- Brine water _____ Barrels
- Produced water 120 Barrels
- Other _____ Barrels
- KCL _____ Barrels

Job Description
1 Load 120 BDBLS p/well
to Disposal

- Time leaving yard AM PM
- Time arriving location AM PM
- Time leaving location AM PM
- Time arriving disposal/water st. AM PM
- Time leaving disposal/water st. AM PM
- Time arriving yard AM PM

Driver Name FREDDY FREDDO
Co-Personnel _____

United Well Services, LLC.

P.O. Box 2121 Carlsbad, NM 88221
Phone# 575-649-5634 • uws1999@gmail.com

Date 10/19/2021 No 98005

Company Marathon Oil

Location/Lease STERLING 64 44 CTB

Disposal/Ticket # _____

Water Station _____ Ticket # _____

Top Gage _____ Bottom Gage _____

Truck No. 4421

START TIME	AM PM	END TIME	AM PM	TOTAL HOURS
				<u>1.5</u>

- Fresh water _____ Barrels
- Brine water _____ Barrels
- Produced water 120 Barrels
- Other _____ Barrels
- KCL _____ Barrels

Job Description
1 Load 120 BBLs p/w
TO Disposal

- Time leaving yard AM PM
- Time arriving location AM PM
- Time leaving location AM PM
- Time arriving disposal/water st. AM PM
- Time leaving disposal/water st. AM PM
- Time arriving yard AM PM

Driver Name FREDDY FRANCO

Co-Personnel _____

United Well Services, LLC.

P.O. Box 2121 Carlsbad, NM 88221
Phone# 575-649-5634 • uws1999@gmail.com

Date 10-19-2021 No 102213

Company MARATHON

Location/Lease STERLING 6H-4H-CTD

Disposal/Ticket # _____

Water Station _____ Ticket # _____

Top Gage _____ Bottom Gage _____

Truck No. 442 100224

START TIME	AM PM	END TIME	AM PM	TOTAL HOURS
------------	----------	----------	----------	----------------

- Fresh water _____ Barrels
- Brine water _____ Barrels
- Produced water 120 Barrels
- Other _____ Barrels
- KCL _____ Barrels

Job Description
pulling p/w from
CONFINEMENT TO
disposal

- Time leaving yard AM PM
- Time arriving location AM PM
- Time leaving location AM PM
- Time arriving disposal/water st. AM PM
- Time leaving disposal/water st. AM PM
- Time arriving yard AM PM

Driver Name Leonardo Marquez

Co-Personnel _____

United Well Services, LLC.

P.O. Box 2121 Carlsbad, NM 88221
Phone# 575-649-5634 • uws1999@gmail.com

Date 10-19-2021 No 102212

Company MARATHON

Location/Lease STERLING 6H-4H-CTB

Disposal/Ticket # _____

Water Station _____ Ticket # _____

Top Gage _____ Bottom Gage _____

Truck No. 442 NO 2024

START TIME	AM PM	END TIME	AM PM	TOTAL HOURS
<input type="checkbox"/> Fresh water				
<input type="checkbox"/> Brine water				
<input checked="" type="checkbox"/> Produced water		<u>120</u>		
<input type="checkbox"/> Other				
<input type="checkbox"/> KCL				
Job Description				
<u>Pulling plw from</u>				
<u>CONTAINMENT TO</u>				
<u>disposal</u>				
Time leaving yard <input type="checkbox"/> AM <input type="checkbox"/> PM				
Time arriving location <input type="checkbox"/> AM <input type="checkbox"/> PM				
Time leaving location <input type="checkbox"/> AM <input type="checkbox"/> PM				
Time arriving disposal/water st. <input type="checkbox"/> AM <input type="checkbox"/> PM				
Time leaving disposal/water st. <input type="checkbox"/> AM <input type="checkbox"/> PM				
Time arriving yard <input type="checkbox"/> AM <input type="checkbox"/> PM				
Driver Name <u>Leonardo Chavez</u>				
Co-Personnel _____				

United Well Services, LLC.

P.O. Box 2121 Carlsbad, NM 88221

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

Date 10/19/21 No **97940**

Company Marathon Oil

Location/Lease Sterling 4116H ETB

Disposal/Ticket # _____

Water Station _____ Ticket # _____

Top Gage _____ Bottom Gage _____

Truck No. 4441

START TIME	AM PM	END TIME	AM PM	TOTAL HOURS
------------	----------	----------	----------	----------------

- Fresh water _____ Barrels
- Brine water _____ Barrels
- Produced water 20 Barrels
- Other _____ Barrels
- KCL _____ Barrels

Job Description
Hauled 20 bbls to
4116H

- Time leaving yard AM PM
- Time arriving location AM PM
- Time leaving location AM PM
- Time arriving disposal/water st. AM PM
- Time leaving disposal/water st. AM PM
- Time arriving yard AM PM

Driver Name Alfredo Hernandez

Co-Personnel _____

United Well Services, LLC.

P.O. Box 2121 Carlsbad, NM 88221

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

Date 10/19/21 No **97939**

Company MANITION OIL

Location/Lease STERLING 4H 611 CTB

Disposal/Ticket # 1194-27508

Water Station WINSTON Ticket # _____

Top Gage _____ Bottom Gage _____

Truck No. 444

START TIME	AM PM	END TIME	AM PM	TOTAL HOURS
------------	----------	----------	----------	----------------

- Fresh water _____ Barrels
- Brine water _____ Barrels
- Produced water 120 Barrels
- Other _____ Barrels
- KCL _____ Barrels

Job Description
Hauled 120 bbls Me TO
1194-27508

Time leaving yard AM PM

Time arriving location AM PM

Time leaving location AM PM

Time arriving disposal/water st. AM PM

Time leaving disposal/water st. AM PM

Time arriving yard AM PM

Driver Name Jeffrey Madigan

Co-Personnel _____

United Well Services, LLC.

P.O. Box 2121 Carlsbad, NM 88221
Phone# 575-649-5634 • uws1999@gmail.com

Date 10-19-2021 No 102211

Company MARATHON

Location/Lease STERLING 6H-4H CTR.

Disposal/Ticket # _____

Water Station _____ Ticket # _____

Top Gage _____ Bottom Gage _____

Truck No. 4425 NO 102211

START TIME	AM PM	END TIME	AM PM	TOTAL HOURS
<input type="checkbox"/> Fresh water		_____		_____
<input type="checkbox"/> Brine water		_____		_____
<input checked="" type="checkbox"/> Produced water		<u>120</u>		_____
<input type="checkbox"/> Other		_____		_____
<input type="checkbox"/> KCL		_____		_____
Job Description				
<u>Pulling plw from</u>				
<u>CONTAINMENT TO</u>				
<u>DISPOSAL</u>				
Time leaving yard <input type="checkbox"/> AM <input type="checkbox"/> PM				
Time arriving location <input type="checkbox"/> AM <input type="checkbox"/> PM				
Time leaving location <input type="checkbox"/> AM <input type="checkbox"/> PM				
Time arriving disposal/water st. <input type="checkbox"/> AM <input type="checkbox"/> PM				
Time leaving disposal/water st. <input type="checkbox"/> AM <input type="checkbox"/> PM				
Time arriving yard <input type="checkbox"/> AM <input type="checkbox"/> PM				
Driver Name <u>LEONARD SANCHEZ</u>				
Co-Personnel _____				

United Well Services, LLC.

P.O. Box 2121 Carlsbad, NM 88221

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

Date 10/19/21 No 97938

Company MANAHOE OIL

Location/Lease STERLING 4H6A CTB

Disposal/Ticket # _____

Water Station _____ Ticket # _____

Top Gage _____ Bottom Gage _____

Truck No. 4441

START TIME	AM PM	END TIME	AM PM	TOTAL HOURS
------------	----------	----------	----------	----------------

- Fresh water _____ Barrels
- Brine water _____ Barrels
- Produced water 120 Barrels
- Other _____ Barrels
- KCL _____ Barrels

Job Description
Hauled 120 bbls to disposal

Time leaving yard AM PM

Time arriving location AM PM

Time leaving location AM PM

Time arriving disposal/water st. AM PM

Time leaving disposal/water st. AM PM

Time arriving yard AM PM

Driver Name Alfredo Rodriguez

Co-Personnel _____

United Well Services, LLC.

P.O. Box 2121 Carlsbad, NM 88221

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

Date 10/19/21 No **97936**

Company Maintenance oil

Location/Lease Sterling 4H 6H CTB

Disposal/Ticket # _____

Water Station _____ Ticket # _____

Top Gage _____ Bottom Gage _____

Truck No. 444

START TIME	AM PM	END TIME	AM PM	TOTAL HOURS
------------	----------	----------	----------	----------------

- Fresh water _____ Barrels
- Brine water _____ Barrels
- Produced water 120 Barrels
- Other _____ Barrels
- KCL _____ Barrels

Job Description
Hauled 120 bbls to
dumping

Time leaving yard AM PM

Time arriving location AM PM

Time leaving location AM PM

Time arriving disposal/water st. AM PM

Time leaving disposal/water st. AM PM

Time arriving yard AM PM

Driver Name Alfredo Rodriguez

Co-Personnel _____

United Well Services, LLC.

P.O. Box 2121 Carlsbad, NM 88221

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

Date 10/19/21 No **97935**

Company MAKATHOIL

Location/Lease STERLING 4H 6H CTB

Disposal/Ticket # _____

Water Station _____ Ticket # _____

Top Gage _____ Bottom Gage _____

Truck No. 4441

START TIME _____ : _____ AM/PM END TIME _____ : _____ AM/PM TOTAL HOURS _____

- Fresh water _____ Barrels
- Brine water _____ Barrels
- Produced water 120 Barrels
- Other _____ Barrels
- KCL _____ Barrels

Job Description
Hauled 120 bbls to disposal

- Time leaving yard AM PM
- Time arriving location AM PM
- Time leaving location AM PM
- Time arriving disposal/water st. AM PM
- Time leaving disposal/water st. AM PM
- Time arriving yard AM PM

Driver Name Alfred Rodriguez
Co-Personnel _____

United Well Services, LLC.

P.O. Box 2121 Carlsbad, NM 88221

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

Date 10/19/21 No **97934**

Company Marathon Oil

Location/Lease STERLING 4H 6H CTB

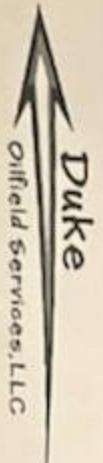
Disposal/Ticket # _____

Water Station _____ Ticket # _____

Top Gage _____ Bottom Gage _____

Truck No. 4441

START TIME	AM PM	END TIME	AM PM	TOTAL HOURS
<input type="checkbox"/> Fresh water		_____		_____
<input type="checkbox"/> Brine water		_____		_____
<input checked="" type="checkbox"/> Produced water		<u>120</u>		_____
<input type="checkbox"/> Other		_____		_____
<input type="checkbox"/> KCL		_____		_____
Job Description				
<u>Hauled 120 55/11 H/W TG</u>				
<u>Disposal</u>				
Time leaving yard <input type="checkbox"/> AM <input type="checkbox"/> PM				
Time arriving location <input type="checkbox"/> AM <input type="checkbox"/> PM				
Time leaving location <input type="checkbox"/> AM <input type="checkbox"/> PM				
Time arriving disposal/water st. <input type="checkbox"/> AM <input type="checkbox"/> PM				
Time leaving disposal/water st. <input type="checkbox"/> AM <input type="checkbox"/> PM				
Time arriving yard <input type="checkbox"/> AM <input type="checkbox"/> PM				
Driver Name <u>Alfredo Rodriguez</u>				
Co-Personnel _____				



PO Box 1253
Lovington, NM 88260
Office (575) 396-0934
Fax (575) 396-0449
Cell (575) 396-6619
Email dukeoilfieldtc@gmail.com

150435

Oil _____
Disposal _____
Salt Water _____
Fresh Water _____

DATE: 10-22-21
COMPANY: Marathon Oil
RIG: _____
LEASE: Sterling 20 State #3004 H

ORDER BY: Jesse Williams

Description of Service	Hours
- Drive from the yard to the location	<u>2</u>
- Working in location	<u>2</u>
- Hauled <u>90</u> BBBS of Production water Dirty for Disposal * Wash out *	<u>8</u>
- Drive back to the yard	

Work done by: LS SORRELL Unit #: 89

Accepted: _____

Duke
Oilfield Services, LLC

PO Box 1203
Lubbock, TX 79402
Office (817) 396-0904
Fax (817) 396-0909
Cell (817) 396-6675
Email: oas@dukeoil.com

150433

Oil _____
Disposal _____
Salt Water _____
Fresh Water _____

Date: 10-19-21

Company: Marathon Oil

Rig: Z

Lease: Saverbas 50 5514004#

Oilfield Services, LLC
w/duke
from 2/1/2020

Description of Service	Quantity
Hauled 130 BBLS of recycle water for disposal	515 513970 gals
X Wash out	8
Working on location	

Work done by: LOIS SOTELO

Unit #: 84

Accepted: _____

Customer Approval

THIS IS NOT AN INVOICE!

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 57258

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 57258
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
marcus	None	10/25/2021