

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	NRM2010752258
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 32.5781898Longitude -103.7015533
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Green Frog Federal #001H	Site Type Oil & Gas Facility
Date Release Discovered 4/12/2020	API# (if applicable) 30-025-40828

Unit Letter	Section	Township	Range	County
B	18	20S	33E	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 checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 332	Volume Recovered (bbls) 162
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input 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

The source of the release was a failure in the threading where the ball valve is attached to the nipple Tank #3 (crude oil tank). The release remained inside of the containment aside from approximately 4 bbl. that remained on the engineered pad (see spill calculation). All standing fluids were recovered from inside of the containment and on the pad. Saturated pea gravel will also be removed from the containment to prevent any vertical migration of impact.

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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 > 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, Notice was given to BLM and District I NMOCD on 4/12/2020 via email by Melodie Sanjari	

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>4/13/2020</u>
email: <u>msanjari@marathonoil.com</u>	Telephone: <u>575-988-8753</u>
OCD Only Received by: <u>Ramona Marcus</u> Date: <u>4/16/2020</u>	

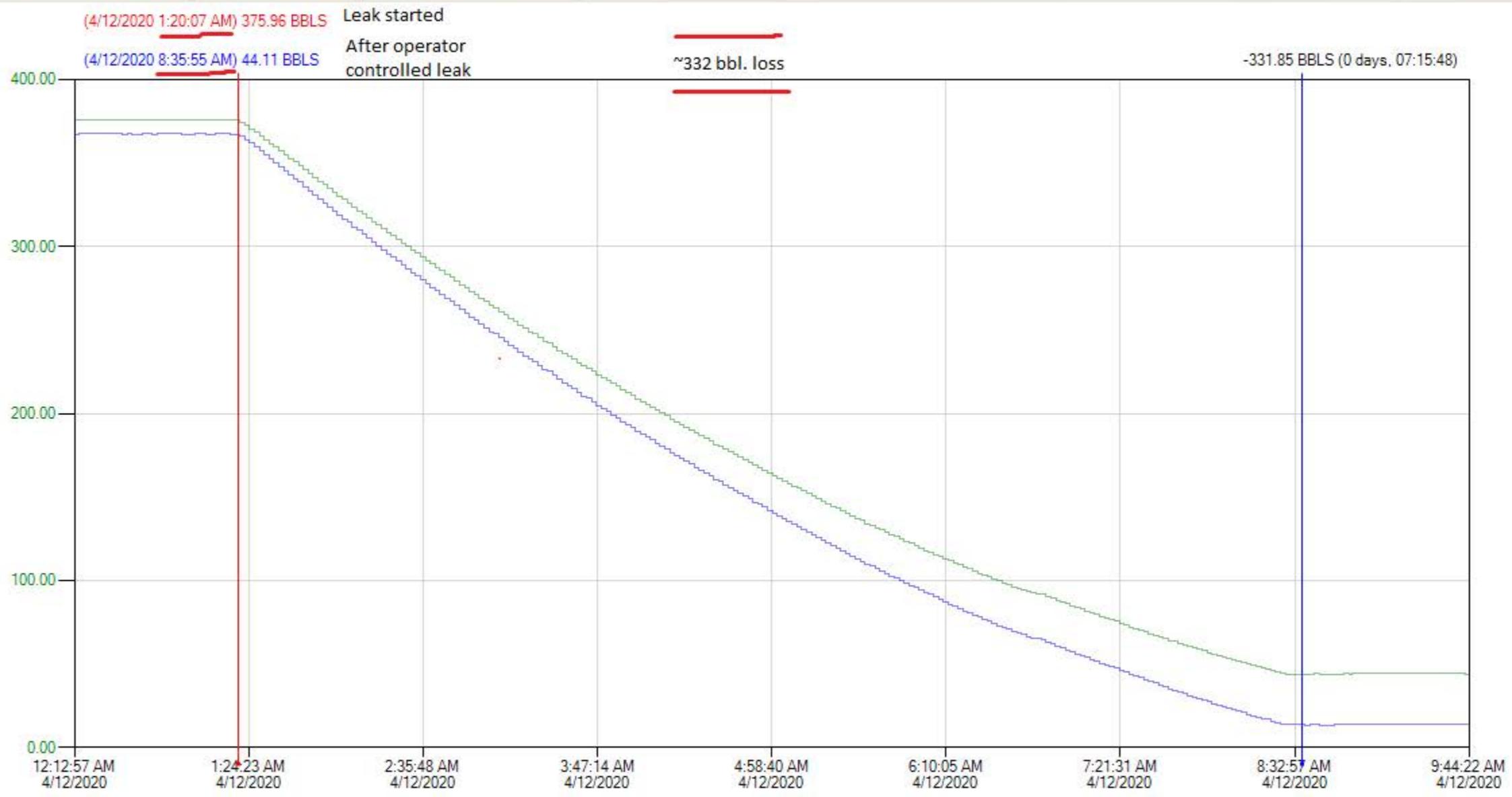
4/12/2020 12:12:57 AM [00] 09:31:25.346 4/12/2020 9:44:22 AM

NRM2010752258

Tag Picker

Servers DFHVS266

- Tags
- | Tag Name | Description |
|----------------------|-------------|
| PR_Abe_2.AC_PO... | Abe State |
| PR_Abe_2.BATT_... | Abe State |
| PR_Abe_2.DOWN... | Abe State |
| PR_Abe_2.DOWN... | Abe State |
| PR_Abe_2.DOWN... | Abe State |
| PR_Abe_2.ESD_PB | Abe State |
| PR_Abe_2.Facility | Abe State |
| PR_Abe_2.Facility... | Abe State |
| PR_Abe_2.LiftType | Abe State |
| PR_Abe_2.LiftTyp... | Abe State |
| PR_Abe_2.Locatio... | Abe State |
| PR_Abe_2.MUWI | Abe State |
| PR_Abe_2.SCADA... | Abe State |
| PR_Abe_2.TOT_O... | Abe State |
| PR_Abe_2.TOT_... | Abe State |
| PR_Abe_2.UWID | Abe State |
| PR_Abe_2.WELL_... | Abe State |
| PR_Abe_2_AutoS... | Abe State |
| PR_Abe_2_AutoS... | Abe State |
| PR_Abe_2_AutoS... | ROC Firmv |
| PR_Abe_2_AutoS... | Abe State |
| PR_Abe_2_AutoS... | Last Comn |
| PR_Abe_2_AutoS... | Generic RC |
| PR_Abe_2_AutoS... | Abe State |
| PR_Abe_2_AutoS... | Abe State |



DFHVS266:PR_GreenFrog_1_OilTank3.LT_VOL [Cyclic - 00 00:00:33.155]

Tag Name	Description	Number	Server	Color	Units	Minimum	Maximum	IO Address	Time Offset	Source Tag	Source Server	Value at X1	Value at X2
<input checked="" type="checkbox"/> PR_GreenF...	Green Frog Cafe Federal...	1	DFHVS266	Blue	ft	1.00	13.00	\\DFHVS266\InSQL_M...	0:00:00.000		Top Gauge	12.03	1.41 BTM Gauge
<input checked="" type="checkbox"/> PR_GreenF...	Green Frog Cafe Federal...	3	DFHVS266	Green	BBLs	0.00	400.00	\\DFHVS266\InSQL_M...	0:00:00.000			375.96	44.11

NRM2010752258



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					0.00	0.00	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:					0.00	0.00	0.00

Saturated Soil Inputs:

Soil Type: **Gravel Loam**

	Area (ft.)	Avg. Saturated Depth (in.)	% Oil	Total Volume (bbls)	Water Volume (bbls)	Oil Volume (bbls)
Rectangle Area #1	278	1.5	0%	0.87	0.87	0.00
Rectangle Area #2	60	0.25	0%	0.03	0.03	0.00
Rectangle Area #3	170	1.5	0%	0.53	0.53	0.00
Rectangle Area #4	100	8	0%	1.66	1.66	0.00
Rectangle Area #5	100	5	0%	1.04	1.04	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				4.13	4.13	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):	4.13	4.13	0.00



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

Company Man Contact Information

Operator No. _____
Operators Name _____
Address _____
City, State, Zip _____
Phone No. _____

GENERATOR

Name _____
Phone No. 575-393-1101
NO. 400809

Permit/RRC No. _____
Lease/Well Name & No. Green Hog site tail 14
County _____
API No. 30-025-40328
Rig Name & No. _____
AFE/PO No. _____

Table with columns for waste types (Oil Based Muds, Water Based Muds, etc.), NON-INJECTABLE WATERS, and INJECTABLE WATERS. Includes rows for Washout Water, Completion Fluid, Produced Water, and Gathering Line Water/Waste.

WASTE GENERATION PROCESS: [] DRILLING [] COMPLETION [] PRODUCTION [] GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.
Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

QUANTITY 10 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
MSDS Information [] RCRA Hazardous Waste Analysis [] Other (Provide Description Below) []
EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

Kaleb Horn (PRINT) AUTHORIZED AGENTS NAME DATE 04-13-20 SIGNATURE

TRANSPORTER

Transporter's Name Meth Holland Energy
Address _____
Phone No. _____

Driver's Name _____
Print Name Jose Bravo
Phone No. _____
Truck No. 148

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.
SHIPMENT DATE 4-13-20 DRIVER'S SIGNATURE DELIVERY DATE 4-13-20 DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO
If YES, was reading > 50 micro roentgens? (circle one) YES NO

TANK BOTTOMS

Table for Tank Bottoms measurements: 1st Gauge, 2nd Gauge, Received. Columns for Feet and Inches.

Table for Tank Bottoms analysis: BS&W/BBLS Received, Free Water, Total Received. Column for BS&W (%).

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____
NAME (PRINT) DATE TITLE SIGNATURE