

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	nAPP2326849143
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Enduring Resources, LLC	OGRID: 372286
Contact Name: Chad Snell	Contact Telephone: 505-444-0586
Contact email: csnell@enduringresources.com	Incident # (assigned by OCD): nAPP2326849143
Contact mailing address: 200 Energy Court	Farmington, New Mexico 87401

Location of Release Source

Latitude 36.1911866 Longitude -107.744478
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Rodeo Unit 511H	Site Type: Well Site
Date Release Discovered: 9/18/2023	API# (if applicable): 30-045-35875

Unit Letter	Section	Township	Range	County
N	25	23N	9W	San Juan,

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) 400bbls	Volume Recovered (bbls) 400bbls
	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

A release occurred at the Rodeo Unit 511H well site on 9/18/2023. It was discovered that a water dump line from the separators to the tank formed a hole releasing 400 bbls of produced water. Water was held inside lined secondary containment. The line was shut it immediately upon discovery. A water truck was called to sight and recovered all the produced water that was released. The failed line was replaced with new piping. Volume was determined by a 80bbl water truck filling up 5 times to remove produced water from the liner.

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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?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? An email was sent to the OCD on 9/19/2023 at approximately 8:30am.	

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: _____ Title: _____ Signature: _____ Date: _____ email: _____ Telephone: _____
<u>OCD Only</u> Received by: _____ Date: _____

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Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ 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

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Chad Snell Title: HSE Lead

Signature:  Date: 11/28/2023

email: csnell@enduringresources.com Telephone: (505)444-0586

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: Scott Rodgers Date: 01/04/2024

Printed Name: Scott Rodgers Title: Environmental Specialist Adv.

Remediation Narrative

Rodeo Unit 511H

30-045-35875

9/18/2023

Enduring personnel discovered a leak at the Rodeo Unit 511H well pad. Produced water was leaking from a water dump line from the separators to the on site produced water tank. The line was shut in to stop the leak. A hole had formed in the line releasing the produced water. All the water stayed inside the secondary containment on top of the liner. A Crew and a water truck were called to the site to repair failed piping and to suck up all water on the liner. The water truck recovered all the water on the liner, which calculated to 400 bbls. Volume was confirmed by converting cubic feet to gallons and converting gallons to bbls. $(70'L \times 55'W \times 5.83'D = 2244.55 \text{ cubic feet}, 2244.55 \times 7.47 = 16766.7885 \text{ gallons}, 16766.7885/42 = 399.2 \text{ bbls})$

9/19/2023

Email notification was sent to Abiodun (Emmanuel) Adeloye with the BLM, Nelson Velez with the NMOCD and to the OCD environmental department email informing them of the release. See attached *"Email Notification"* for reference.

11/20/2023

Email notification was sent to Abiodun (Emmanuel) Adeloye with the BLM and to the NMOCD environmental department email, scheduling a liner inspection for Wednesday November 22, 2023 at 9:30 am. See attached *"Email Notification"* for reference.

11/22/2023

Enduring HSE personnel was on-site at 9:30 AM to perform the liner inspection. A representative from the NMOCD nor the BLM to witness the inspection. The liner was inspected, and no evidence of a liner integrity issue was found during the inspection. Pictures were taken of the liner during inspection and are attached to the closure report for reference. No further action is required. See attached *"Photo Page"* for reference.



Enduring Resources, LLC
Photo Page
Rodeo Unit 511H





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Photo Page
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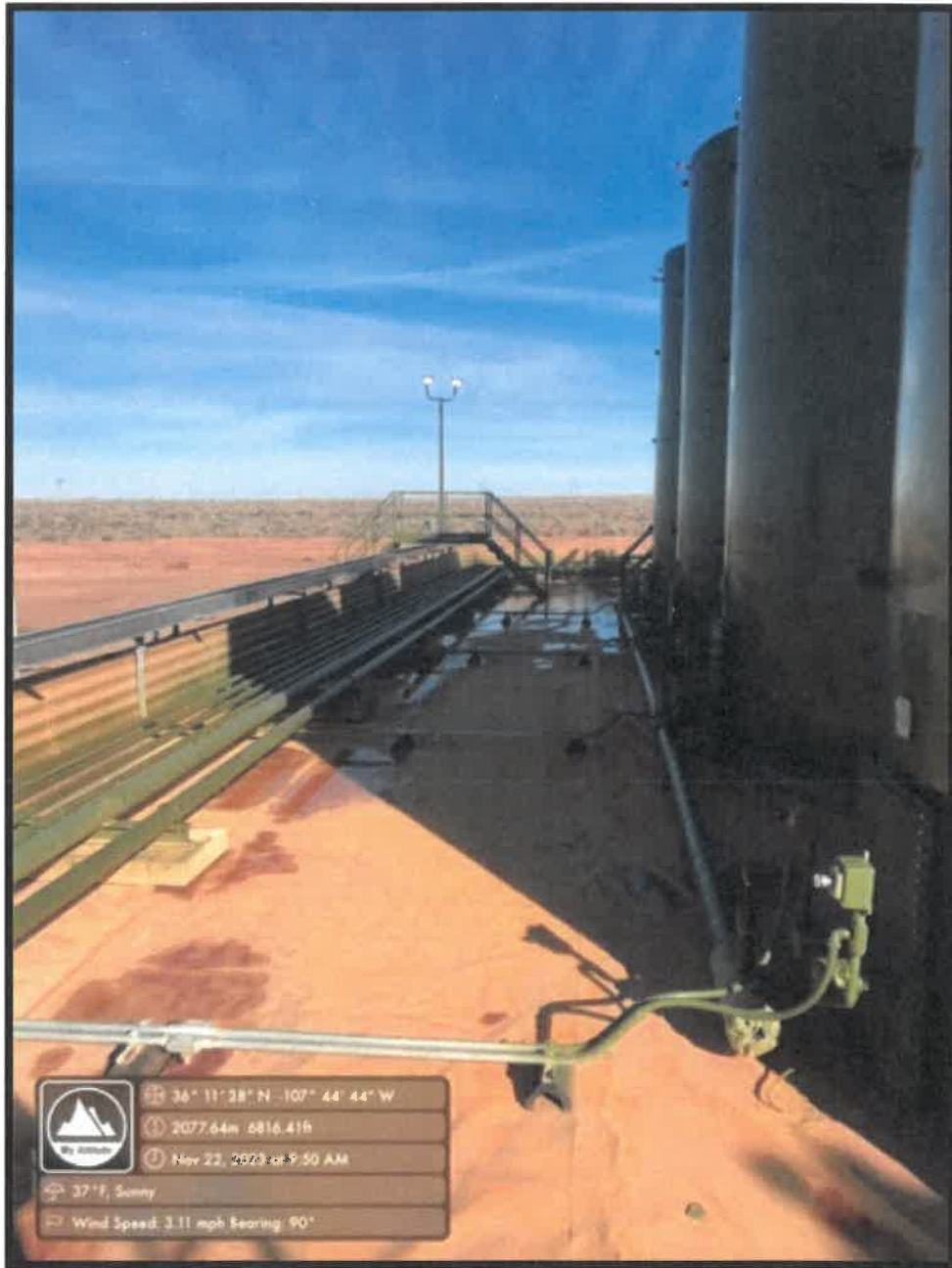


Enduring Resources, LLC
Photo Page
Rodeo Unit 511H



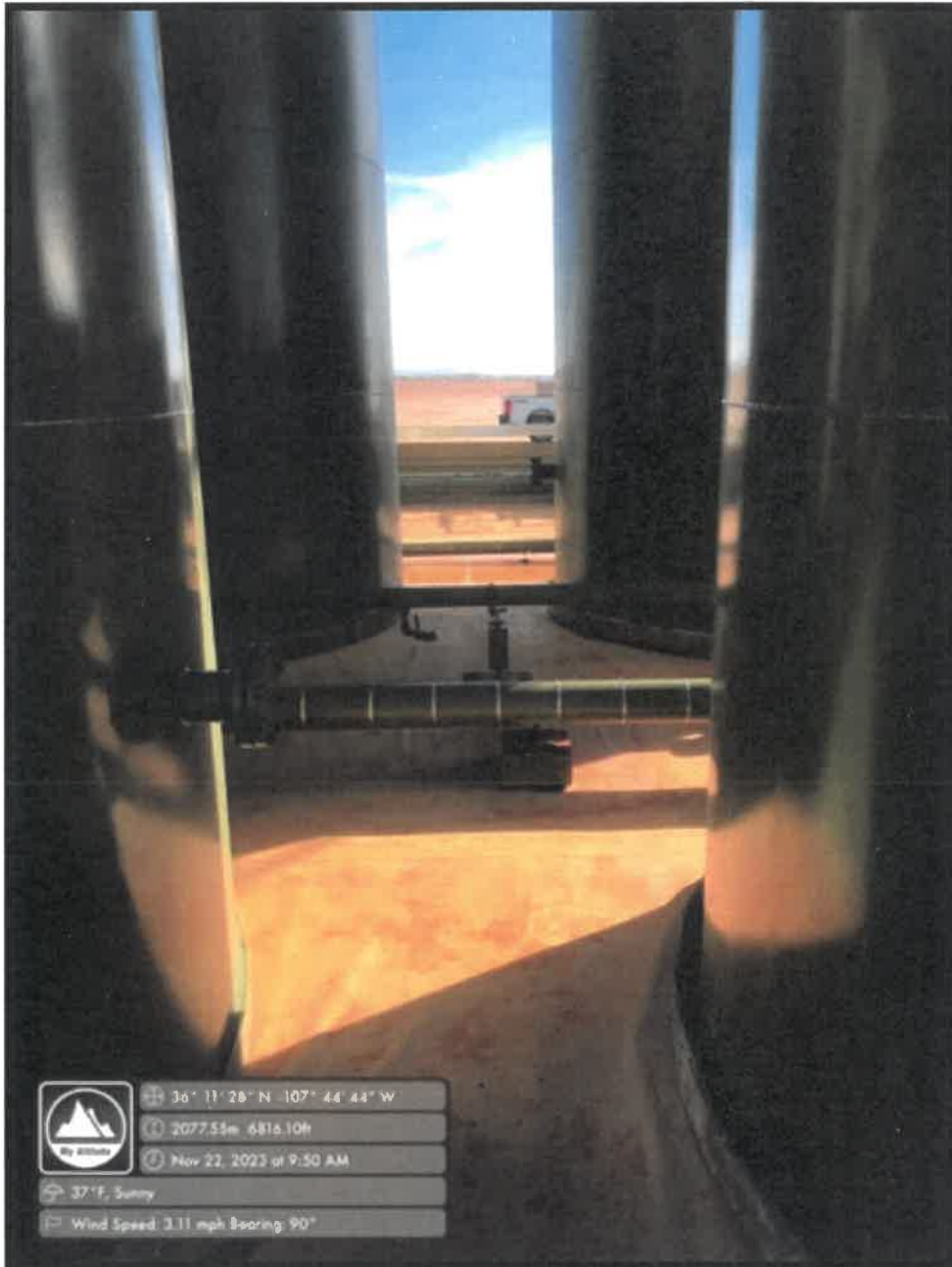


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Photo Page
Rodeo Unit 511H





Enduring Resources, LLC
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Rodeo Unit 511H



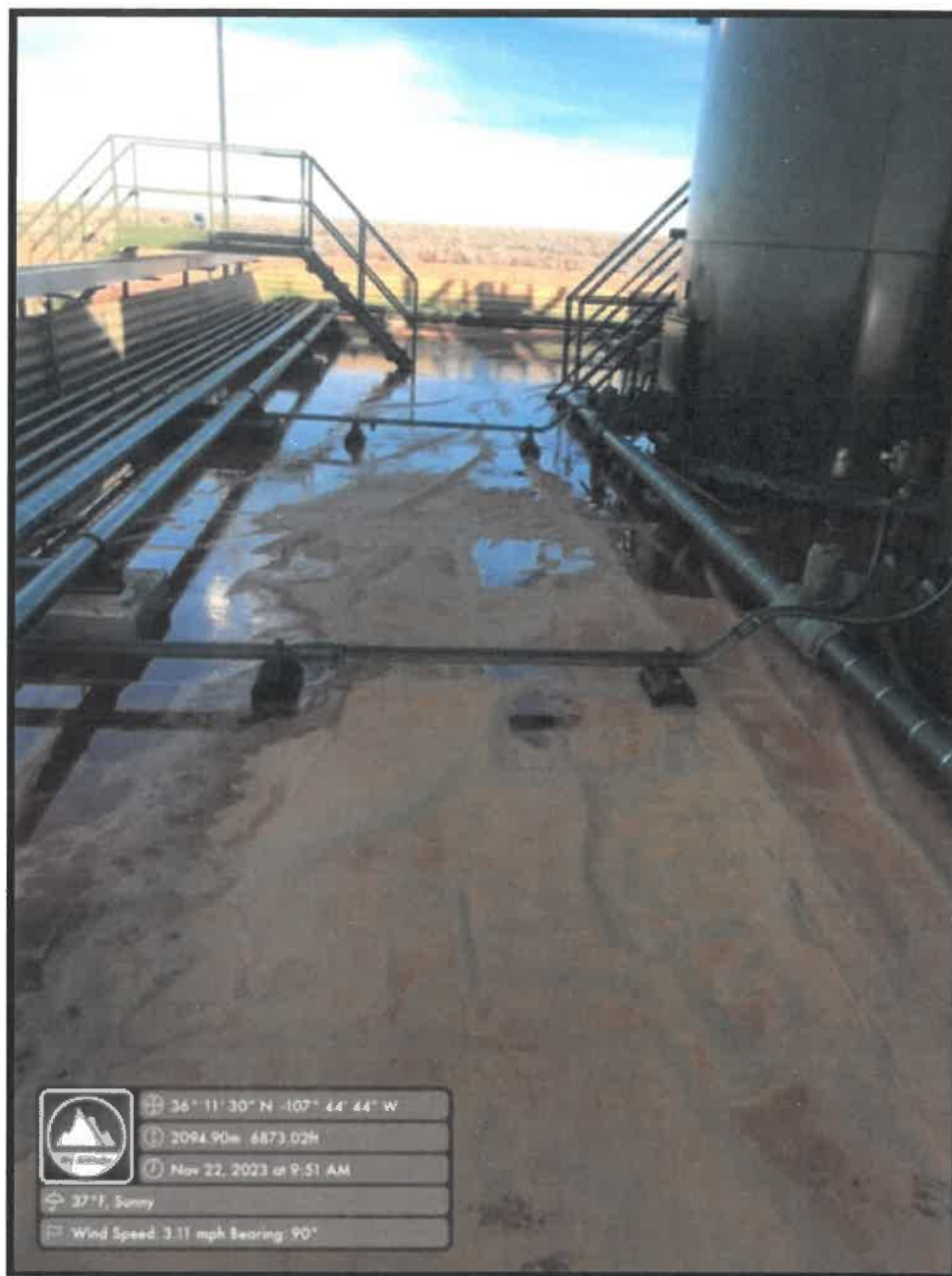


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Photo Page
Rodeo Unit 511H





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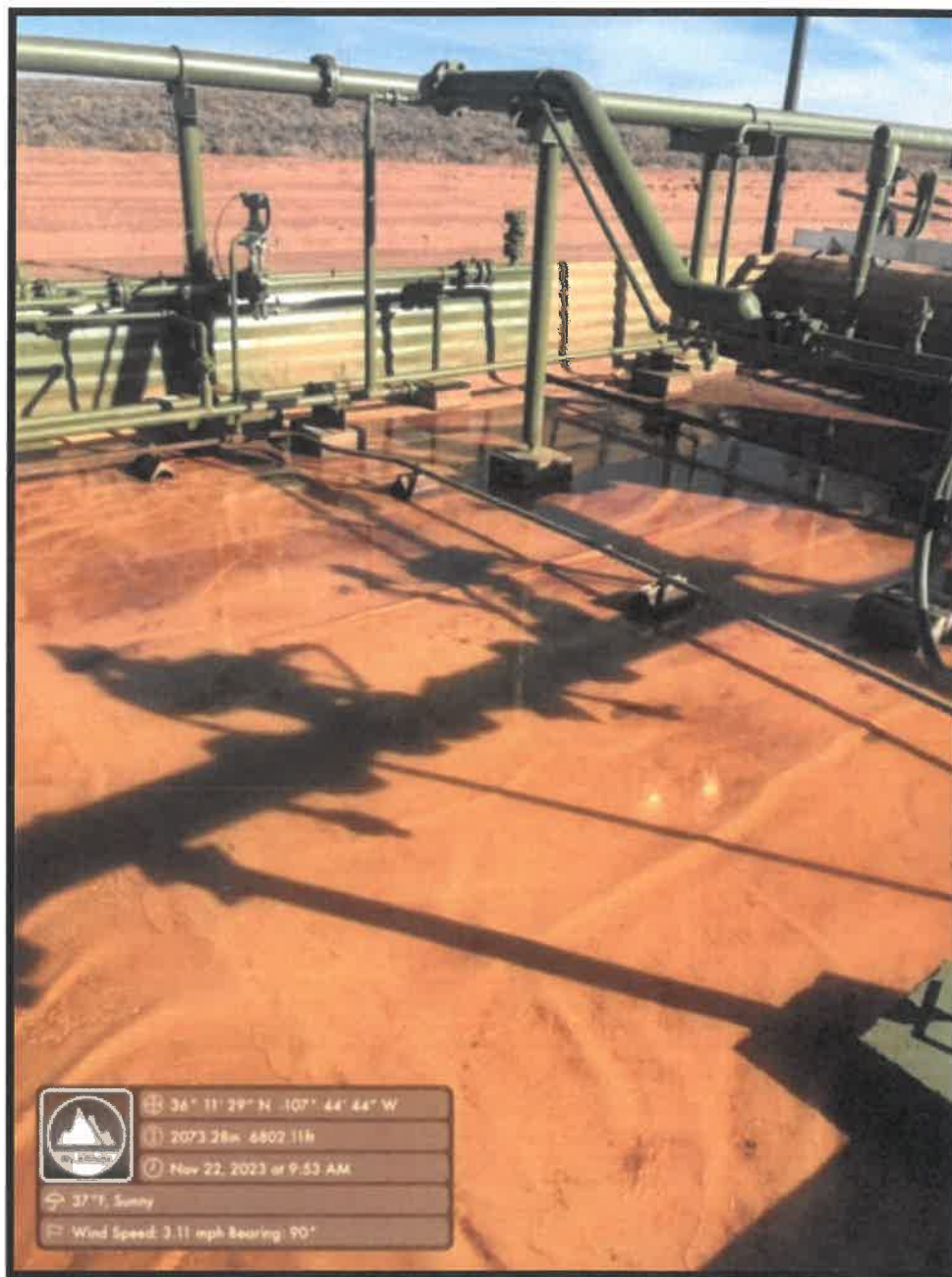


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Enduring Resources, LLC
Photo Page
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Chad Snell

From: Chad Snell
Sent: Monday, November 20, 2023 8:18 AM
To: Adeloye, Abiodun A; ocd.enviro@state.nm.us
Cc: Heather Huntington
Subject: Rodeo Unit 511H Incident #nAPP2326849143

Good Morning,

Enduring Resources will be doing a liner inspection at the Rodeo Unit 511H well pad (**API: 30-045-35875, SEC: 25, TWN:23N RGE:9W, LAT: 36.1911866, LONG:-107.744478**) for incident #nAPP2326849143. Liner inspection will be performed on Wednesday November 22nd 2023 beginning at 9:30am. Please let me know if you have any questions.

Thanks

Chad Snell
HSE Lead
Enduring Resources
(505) 444-0586.

Chad Snell

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, November 20, 2023 8:53 AM
To: Chad Snell; Adeloye, Abiodun A
Cc: Heather Huntington; Velez, Nelson, EMNRD; Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] Rodeo Unit 511H Incident #nAPP2326849143

Good morning Chad,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive | Santa Fe, NM 87505
(505)469-7520 | Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Chad Snell <CSnell@enduringresources.com>
Sent: Monday, November 20, 2023 8:18 AM
To: Adeloye, Abiodun A <aadeloye@blm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Heather Huntington <Hhuntington@enduringresources.com>
Subject: [EXTERNAL] Rodeo Unit 511H Incident #nAPP2326849143

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

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Thanks

Chad Snell
HSE Lead
Enduring Resources
(505) 444-0586.

Chad Snell

From: Adeloeye, Abiodun A <aadeloeye@blm.gov>
Sent: Tuesday, November 21, 2023 8:35 AM
To: Chad Snell; ocd.enviro@state.nm.us
Cc: Heather Huntington
Subject: RE: [EXTERNAL] Rodeo Unit 511H Incident #nAPP2326849143

Thanks, Chad. The BLM got the Enduring notification for the liner inspection. Please continue with inspections if the BLM representative is not present on Wednesday at 9:30 AM.

Thanks

Abiodun Adeloeye (Emmanuel)
Natural Resources Specialist (NRS)
6251 College Blvd., Suite A
Farmington, NM 87402
Office: 505-564-7665
Mobile: 505-635-0984

From: Chad Snell <CSnell@enduringresources.com>
Sent: Monday, November 20, 2023 8:18 AM
To: Adeloeye, Abiodun A <aadeloeye@blm.gov>; ocd.enviro@state.nm.us
Cc: Heather Huntington <Hhuntington@enduringresources.com>
Subject: [EXTERNAL] Rodeo Unit 511H Incident #nAPP2326849143

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Thanks

Chad Snell
HSE Lead
Enduring Resources
(505) 444-0586.

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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 289978

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 289978
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	1/4/2024