

**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	NRM2007753428
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party: <b>Enduring Resources</b>	OGRID: <b>372286</b>
Contact Name: <b>James McDaniel</b>	Contact Telephone: <b>505-636-9731</b>
Contact email: <b>jmcdaniel@enduringresources.com</b>	Incident # (assigned by OCD)
Contact mailing address: <b>200 Energy Court</b>	<b>Farmington, New Mexico 87401</b>

### Location of Release Source

Latitude 36.237022 Longitude -107.703546  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: <b>WLU Remote Battery 1</b>	Site Type: <b>Tank Battery</b>
Date Release Discovered: <b>2/28/2020</b>	API# (if applicable) <b>NA</b>

Unit Letter	Section	Township	Range	County
<b>O</b>	<b>8</b>	<b>23N</b>	<b>8W</b>	<b>San Juan</b>

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 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 checked="" type="checkbox"/> Other (describe)	Volume/Weight Released (provide units) <b>FIRE -- NO VOLUME RELEASE</b>	Volume/Weight Recovered (provide units) <b>FIRE -- NO VOLUME RELEASE</b>

#### Cause of Release

**On 2/28/2020, a lease operator noticed a small fire on the backside of the gas lift compressor on the WLU Remote Battery #1 location. The operator extinguished the fire using his fire extinguisher, putting the fire out. The fire was contained to the insulation on the backside of the compressor engine turbos. The incident report and corrective actions are attached in the Incident Investigation Report.**

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Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" 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)? <b>Notice was provided to Cory Smith with the NMOCD via email at 4:25 PM on 2/28/2020.</b>	

**Initial Response**

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

<input type="checkbox"/> The source of the release has been stopped. (NA) <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. (NA) <input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately. (NA)
If all the actions described above have <u>not</u> been undertaken, explain why: <b>No release was associated with the fire. Damage was contained to the rental compressor. See attached <i>Incident Investigation Report</i>.</b>
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>James McDaniel</u> Title: <u>HSE Supervisor</u> Signature:  Date: <u>3/13/2020</u> email: <u>jmcdaniel@enduringresources.com</u> Telephone: <u>505-636-9731</u>
<p><b><u>OCD Only</u></b></p> Received by: <u>Ramona Marcus</u> Date: <u>3/17/2020</u>

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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 <b>not</b> 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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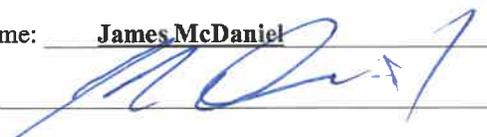
## Closure

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 (No samples taken)
- 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) (No remediation performed)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) (No Lab analysis)
- Description of remediation activities (No Remediation Activities conducted)

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: James McDaniel Title: HSE Supervisor  
 Signature:  Date: 3/13/2020  
 email: jmcdaniel@enduringresources.com Telephone: 505-636-9731

**OCD Only**

Received by: Ramona Marcus Date: 3/17/2020

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: \_\_\_\_\_

NRM2007753428

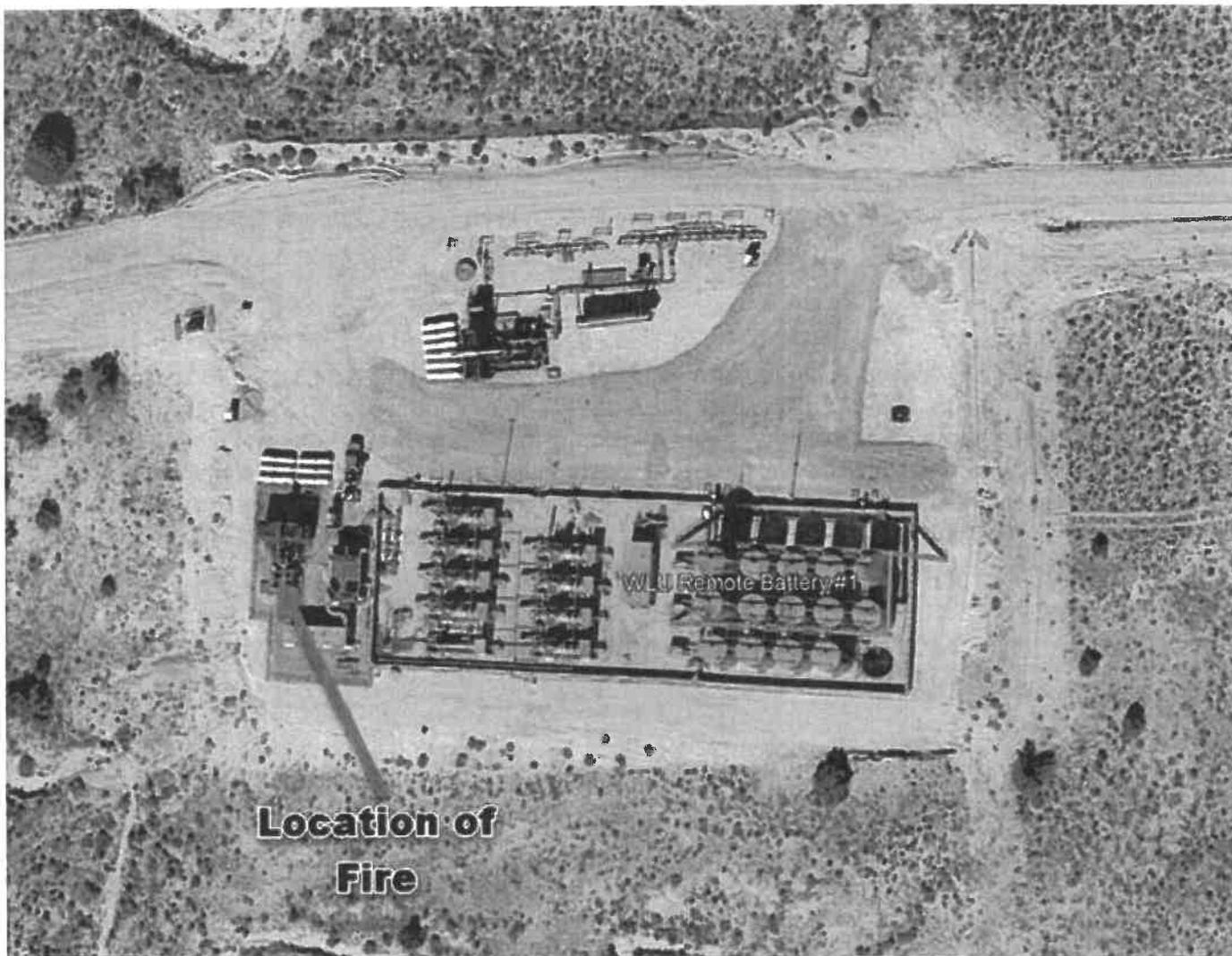
**James McDaniel**

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**From:** James McDaniel  
**Sent:** Friday, February 28, 2020 4:25 PM  
**To:** 'Smith, Cory, EMNRD'  
**Cc:** Chad Snell; Tim Friesenhahn; John Conley; Lacey Granillo; Billy Stalcup  
**Subject:** WLU Remote 1 Battery Fire

Cory,  
As detailed on the voicemail I left you, Enduring had a small fire occur at the WLU Remote Battery #1 today at approximately 1:00 PM. The fire occurred on the back side of the gas lift compressor due to a leak in the oil hose that sprayed oil onto the turbo boosters, catching the insulation covering the hose on fire. The fire was put out using a fire extinguisher. No damage occurred to well equipment, or the surrounding area. All damage was contained to the insulation around the compressor turbo boosters. A small amount of compressor oil dripped onto the compressor skid, but did not leave the skid. There is no API for this facility, as it is a centralized battery, but the GPS and an Aerial photo is below. Please don't hesitate to contact me with any questions.

**GPS**  
Lat: 36.237022  
Long: -107.703546



**James McDaniel**  
**HSE Supervisor**  
**Enduring Resources**  
CSP #30009  
CHMM #15676  
CIT #13805  
Office: 505-636-9731  
Cell: 505-444-3004  
[jmcdaniel@enduringresources.com](mailto:jmcdaniel@enduringresources.com)





Enduring Resources, LLC  
WLU Remote Battery 1 Compressor Fire

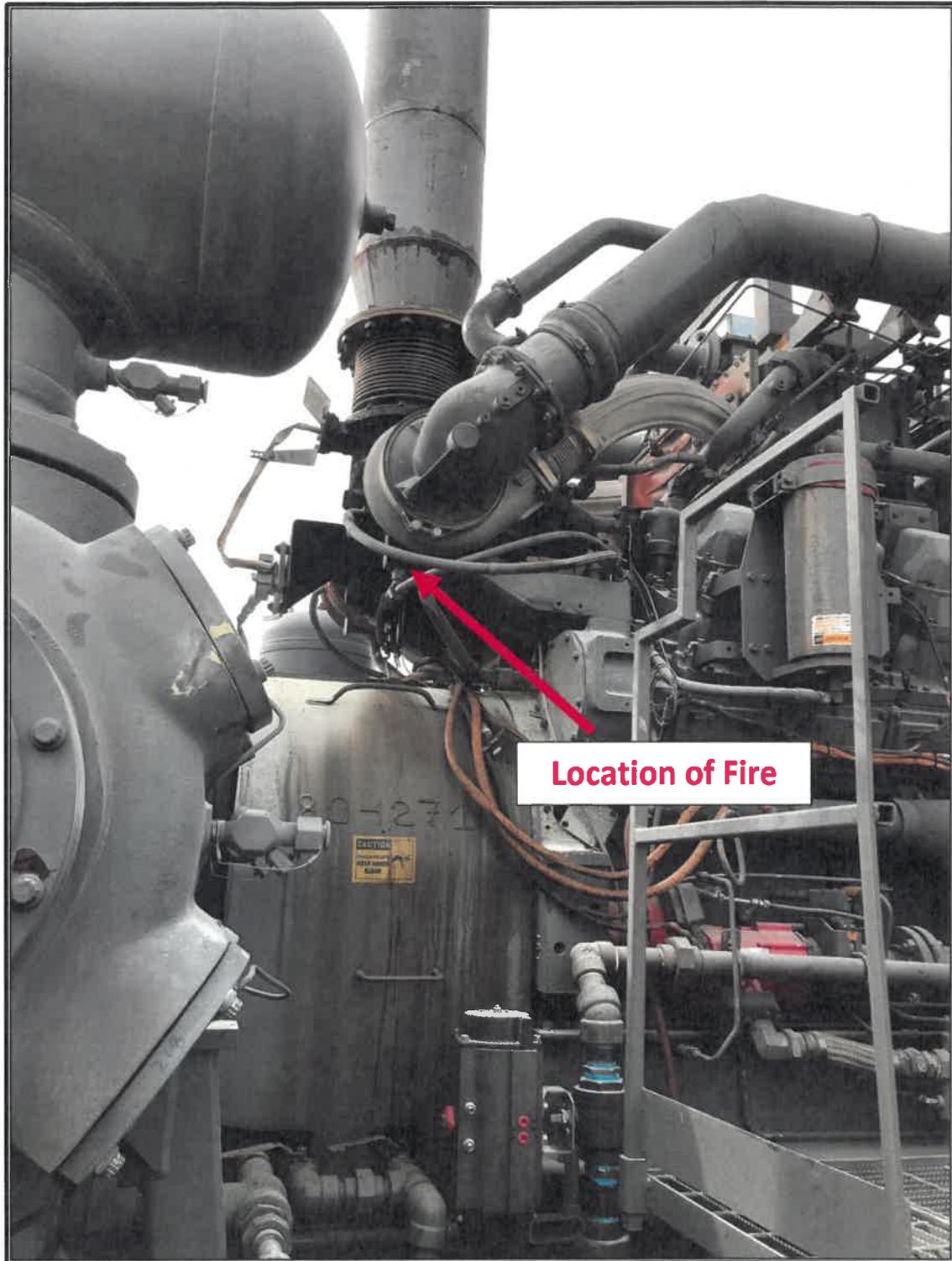


PHOTO 1: Location of Fire on Compressor



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Enduring Resources, LLC  
WLU Remote Battery 1 Compressor Fire



PHOTO 2: View of Damaged Insulation after Being Removed from Turbo Booster



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Enduring Resources, LLC  
WLU Remote Battery 1 Compressor Fire



PHOTO 3: Close Up of Leaking Oil Hose

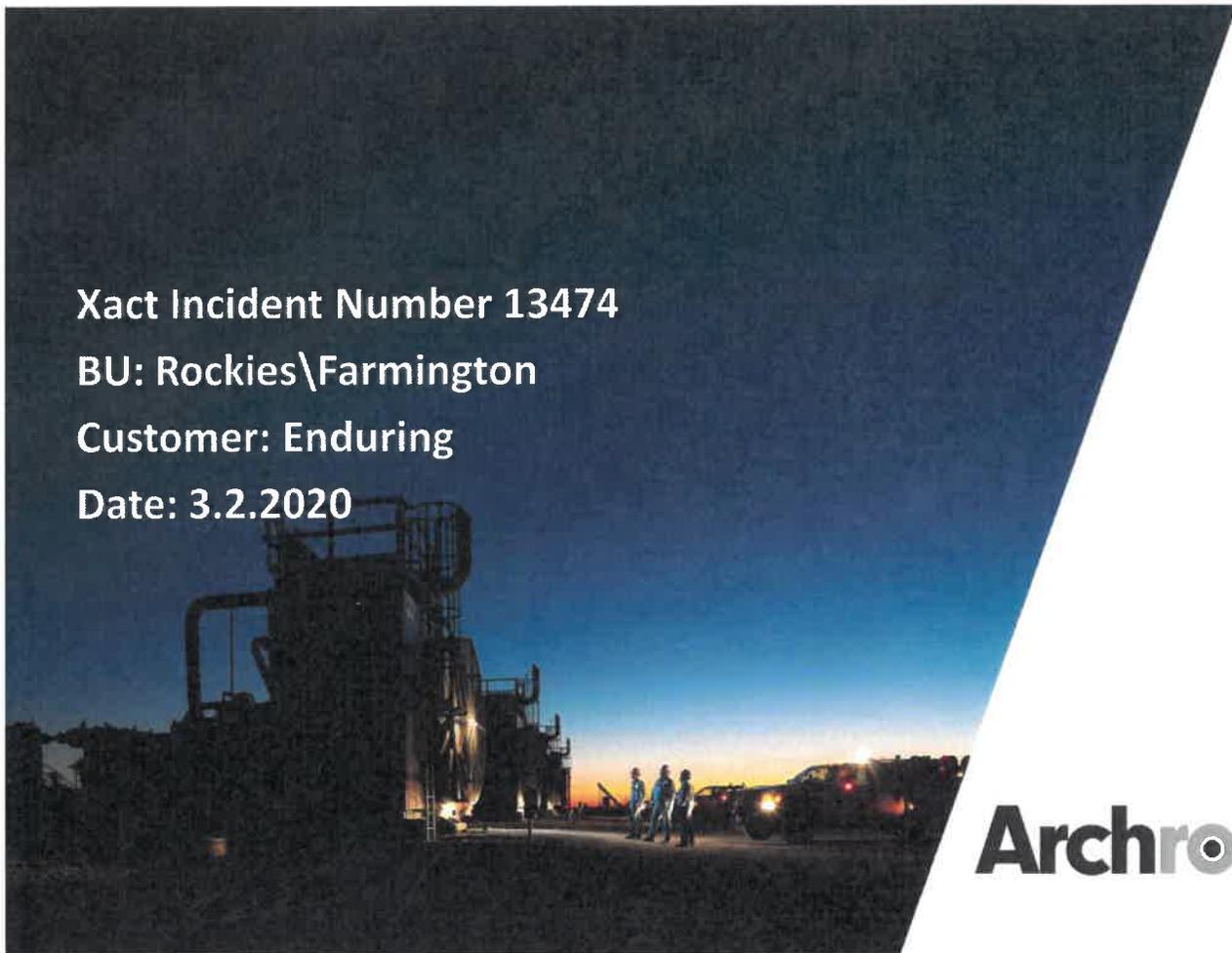
NRM2007753428

**Xact Incident Number 13474**

**BU: Rockies\Farmington**

**Customer: Enduring**

**Date: 3.2.2020**



**Archrock™**

## INCIDENT DATA

<b>Date of Incident</b>	<b>February 28, 2020</b>	<b>Time of Incident</b>	<b>1:00pm</b>
<b>Service Area</b>	<b>Rockies / 14201-205</b>	<b>Location / Customer Site</b>	<b>Remote 1</b>
<b>Customer Name</b>	<b>Enduring</b>	<b>Employee Name and / or Equipment # and Type</b>	<b>#804271/ CAT G3516ULB</b>
<b>Type of Incident</b>	<b>Fire</b>	<b>Incident Classification</b>	<b>0</b>
<b>Business Unit VP</b>		<b>Ops Manager</b>	

## INCIDENT DETAILS

- At approximately 1:00pm on 2.28.2020 an Enduring employee was performing location checks and found a small fire on the Archrock unit. He extinguished the fire with his fire extinguisher. He then reported the fire to Archrock service manager and area FST Lead. There were no injuries and only minor damage to the unit.
- Archrock SM and Lead traveled to the location to begin the investigation.
- AE's were on location 2.24.2020 for site checks and found no issues.
- Maintenance records show the turbo was changed in 2018.

## Pictures



Split oil line



CAT new style soft heat blanket installed



Old style metal mesh heat blanket

## CAUSAL FACTORS



- Oil return line vibrated against metal mesh heat blanket causing the hose to split.

## **ROOT CAUSE(S)**

**Archrock**<sup>™</sup>

- Equipment Difficulty
- Problem not Anticipated  
The designer did not anticipate and design the equipment to withstand, or adjust to potential problems that might occur during equipment service lifetime.

## Corrective Actions



Action	Date to be Completed	Employee Responsible	Status
Repair unit, Installed New Cat Hose	2.29.2020	Archrock FST's	Completed
Replaced old style CAT metal mesh heat blanket with CAT new style soft blanket	2.29.2020	Archrock FST's	Completed

## LESSONS LEARNED



- Visually inspect hoses and fluid piping for leaks or wear during site checks, and scheduled maintenance activities.

**Archrock**<sup>TM</sup>