

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	nAPP2105753887
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Enduring Resources LLC	OGRID 372286
Contact Name Jim Mars	Contact Telephone (505)947-2460
Contact email jmars@enduringresources.com	Incident # (assigned by OCD) NAPP2105753887
Contact mailing address 200 Energy Court	Farmington, NM 87401

Location of Release Source

Latitude **36.209083° N** Longitude **-107.820306° W**
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Kimbeto Wash Unit 2309-19K WRF	Site Type pipeline ROW
Date Release Discovered 2/23/2021	API# (if applicable) NA

Unit Letter	Section	Township	Range	County
L	20	23 N	9 W	San Juan

Surface Owner: ☐ State ☐ Federal ☒ Tribal ☐ Private (Name: **Navajo**_____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 49.45	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release **Hole in water transfer lay flat line, located several 100 feet down the ROW from the well site. TETRA Technologies is the company contracted to transfer water for Enduring Resources. This leak was in one of their water lines. Enduring will continue to monitor the situation to confirm the cleanup is completed to the required cleanup guidelines.**

Incident ID	
District RP	
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Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Entered into a significant water course
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Immediate notice given via email to OCD by Heather Huntington to Cory Smith at NMOCD as well as Abiodun Adeloye, Ryan Joyner, Dave Mankiewicz, and Maureen Joe at BLM.	

Initial Response

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

☒ The source of the release has been stopped. ☒ The impacted area has been secured to protect human health and the environment. ☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. ☒ 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: No water to be recovered.
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>Jim Mars</u> Title: <u>HSE</u> Signature: <u>Jim Mars</u> Date: <u>2/25/2021</u> email: <u>Jmars@enduringresources.com</u> Telephone: <u>(505) 947-2460</u>
<u>OCD Only</u> Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

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?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ 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)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ 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?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ 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 ½-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.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

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: _____ Date: _____

Printed Name: _____ Title: _____

From: [Jim Mars](#)
To: [Heather Huntington](#)
Subject: FW: Spill Pressure sheet and calculations.
Date: Tuesday, March 30, 2021 11:35:51 AM
Attachments: [image005.png](#)
[We sent you safe versions of your files.msg](#)
[Pump info for spill 2_24_21.xlsx](#)

From: Terrell J. Jensen <tjensen@tetrathec.com>
Sent: Thursday, February 25, 2021 11:22 AM
To: Jim Mars <JMars@enduringresources.com>
Subject: FW: Spill Pressure sheet and calculations.

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

Jim,

Apologies I had a typo on your email.



TJ Terrell Jensen
Regional Manager
TETRA Technologies
6766 E County Rd 18| Johnstown, CO, 80534
P: 970.593.5954 M: 435.650.2141
WWW.TETRATEC.COM

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From: Terrell J. Jensen
Sent: Thursday, February 25, 2021 11:21 AM
To: 'jmars@enduringresourecs.com' <jmars@enduringresourecs.com>; 'csnell@enduringresources.com' <csnell@enduringresources.com>; Tim Friesenhahn <TFriesenhahn@enduringresources.com>
Cc: 'Douglas Sprague' <DSprague@enduringresources.com>; Tommy Joyce <TJoyce@enduringresources.com>; Brian Thompson <RBThompson@tetrathec.com>
Subject: Spill Pressure sheet and calculations.

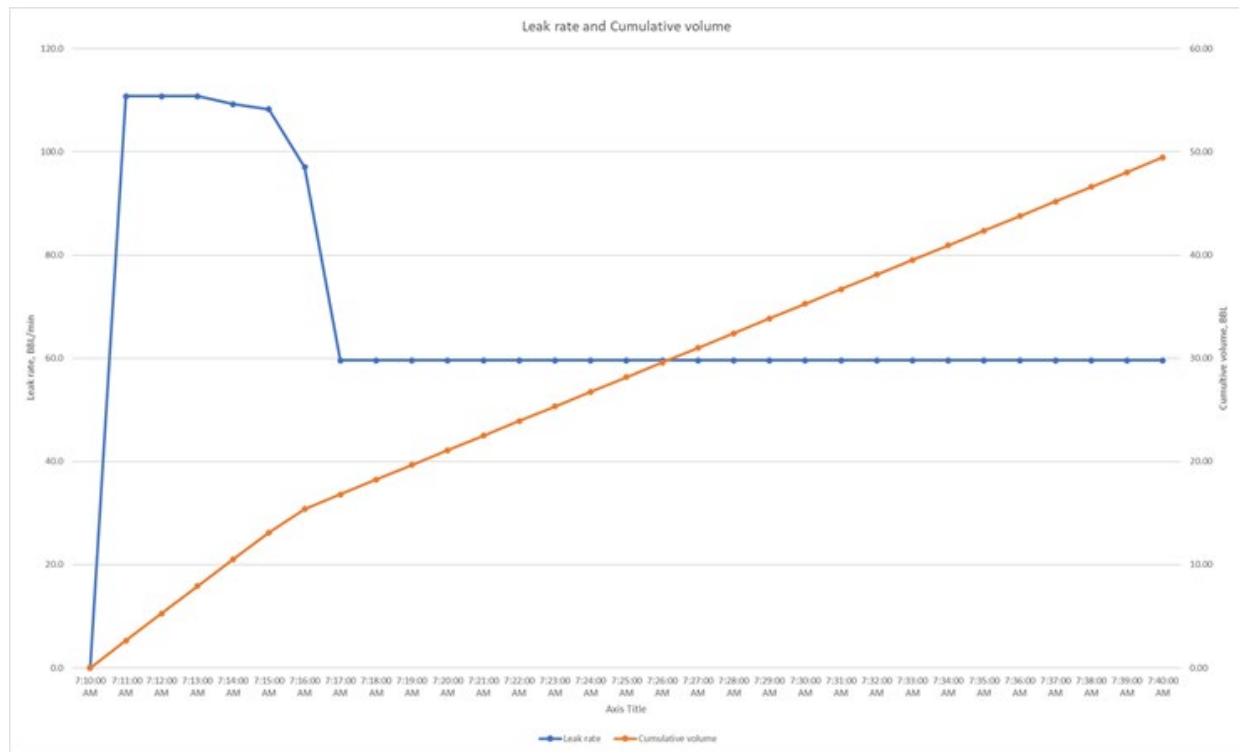
All,

Based on the supplied data and the leak calculations performed, the cumulative volume of the discharge, in theory, totaled around 49.5 BBL.

The hole dimensions used are 0.5" x 0.75" and I used the pressure profiled from our automated pumps..

Please be mindful that this value is a gross estimate and presents an acceptable order of magnitude with regards to the discharge quantifications.

Engineering is going to send me the final spreadsheet with the calculations and I will forward it to you. I just wanted give you the pressures as quickly as I could.



Regards,



TJ Terrell Jensen
Regional Manager
TETRA Technologies
6766 E County Rd 18 | Johnstown, CO, 80534
P: 970.593.5954 M: 435.650.2141
WWW.TETRATEC.COM

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Region	Date	Time (America/Denver)	BPM	RPM	Dishcharge PSI	Pressure at Leak	Notes	First Pincher 10 min
	2/23/2021		26		1473	120	162.7 Estimated Start of Leak	
	2/23/2021		27		1473	120	162.7	
	2/23/2021		26		1477	120	162.7 Leak Noticed by Thomas Dawes	
	2/23/2021		25		1474	121	163.7	
	2/23/2021		25		1474	122		
	2/23/2021		25		1475	122		
	2/23/2021		25		1472	122		
	2/23/2021		26		1475	122		
	2/23/2021		26		1474	121		
	2/23/2021		26		1478	121		
	2/23/2021		25		1472	122		
	2/23/2021		25		1474	122		
	2/23/2021		25		1475	122		
	2/23/2021		25		1474	122		
	2/23/2021		25		1475	122		
	2/23/2021		25		1473	122		
	2/23/2021		25		1477	122		
	2/23/2021		25		1478	122		
	2/23/2021		25		1473	122		
	2/23/2021		26		1477	122		
	2/23/2021		26		1473	122		
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	2/23/2021		25		1473	121		
	2/23/2021		25		1476	122		
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	2/23/2021		25		1473	122		
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	2/23/2021		25		1474	122		
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	2/23/2021		25		1476	122		
	2/23/2021		25		1475	122		
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	2/23/2021		25		1473	123		
	2/23/2021		25		1475	122		
	2/23/2021		25		1474	122		
	2/23/2021		25		1475	123		
	2/23/2021		25		1476	122		
	2/23/2021		25		1475	122		
	2/23/2021		25		1478	122		
	2/23/2021		25		1478	123		
	2/23/2021		25		1475	122		
	2/23/2021		25		1473	122		
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	2/23/2021		25		1474	122		
	2/23/2021		25		1475	122		
	2/23/2021		25		1474	123		
	2/23/2021		25		1457	121		
	2/23/2021		25		1427	121		
	2/23/2021		25		1405	119		
	2/23/2021		25		1401	119		
	2/23/2021		24		1394	118		
	2/23/2021		24		1377	116	158.7 Pump operator notified.	
	2/23/2021		24		1370	116	158.7	
	2/23/2021		19		1357	115	157.7	
	2/23/2021		19		1350	115	157.7	
	2/23/2021		19		1349	115	157.7	
	2/23/2021		18		1340	114	156.7	
	2/23/2021		18		1325	113	155.7	
	2/23/2021		18		1328	113	155.7	
	2/23/2021		16		1302	112	154.7	
	2/23/2021		16		1298	111	155.2	
	2/23/2021		16		1299	111	155.2	
	2/23/2021		14		1302	111	155.2	
	2/23/2021		14		1299	111	155.2	
	2/23/2021		14		1301	112	154.7	
	2/23/2021		13		1302	111	156.2	
	2/23/2021		13		1298	111	156.2	
	2/23/2021		13		1299	111	156.2	
	2/23/2021		13		1300	111	156.2	
	2/23/2021		13		1298	111	156.2	
	2/23/2021		13		1301	111	156.2	
	2/23/2021		13		1301	110	155.2	

2/23/2021	13	1304	110	155.2
2/23/2021	13	1301	111	156.2
2/23/2021	13	1298	110	155.2
2/23/2021	13	1298	110	155.2
2/23/2021	13	1300	110	155.2
2/23/2021	15	1303	110	154.2
2/23/2021	15	1297	110	154.2
2/23/2021	15	1300	110	154.2
2/23/2021	15	1299	110	154.2
2/23/2021	14	1298	110	154.9
2/23/2021	14	1300	110	154.9
2/23/2021	14	1303	110	154.9
2/23/2021	15	1297	110	
2/23/2021	15	1300	110	
2/23/2021	15	1300	110	
2/23/2021	15	1267	108	
2/23/2021	15	1248	107	
2/23/2021	15	1190	104	
2/23/2021	15	1173	102	
2/23/2021	15	1126	100	
2/23/2021	15	1125	100	
2/23/2021	10	1123	99	
2/23/2021	10	1126	99	
2/23/2021	10	1124	99	
2/23/2021	3	1125	99	
2/23/2021	3	1126	98	
2/23/2021	3	1123	99	
2/23/2021	0	1121	98	
2/23/2021	0	1127	98	
2/23/2021	0	1125	98	
2/23/2021	0	1125	98	
2/23/2021	0	1127	98	
2/23/2021	0	1123	98	
2/23/2021	0	1121	97	
2/23/2021	0	1123	97	
2/23/2021	0	1126	97	
2/23/2021	4	1123	98	
2/23/2021	4	1126	98	
2/23/2021	4	1124	98	
2/23/2021	3	1124	97	
2/23/2021	3	1123	97	
2/23/2021	3	1124	97	
2/23/2021	4	1126	97	
2/23/2021	4	1126	97	
2/23/2021	4	1124	96	
2/23/2021	4	1122	97	
2/23/2021	4	1125	97	
2/23/2021	4	1125	96	
2/23/2021	5	1125	97	
2/23/2021	5	1124	96	
2/23/2021	5	1125	96	
2/23/2021	5	1128	96	
2/23/2021	5	1123	96	
2/23/2021	5	1134	88	
2/23/2021	5	1137	82	
2/23/2021	5	1135	78	
2/23/2021	5	1129	79	
2/23/2021	1	1125	79	
2/23/2021	1	1122	78	
2/23/2021	1	1128	78	
2/23/2021	0	1122	77	
2/23/2021	0	1129	78	
2/23/2021	0	1123	78	
2/23/2021	0	1122	78	
2/23/2021	0	1124	78	
2/23/2021	0	1127	77	
2/23/2021	0	1130	78	
2/23/2021	0	1127	78	
2/23/2021	0	1125	78	
2/23/2021	0	1119	77	
2/23/2021	0	1126	78	
2/23/2021	0	1127	77	124.2
2/23/2021	0	1125	77	124.2
2/23/2021	0	1123	77	124.2
2/23/2021	0	1125	78	125.2
2/23/2021	0	1122	77	124.2
2/23/2021	0	1126	78	125.2
2/23/2021	0	1124	77	124.2
2/23/2021	0	1123	77	124.2
2/23/2021	0	1128	77	124.2
2/23/2021	0	1126	77	124.2
2/23/2021	0	1127	77	124.2
2/23/2021	0	1123	77	124.2
2/23/2021	0	1121	77	124.2
2/23/2021	0	1124	77	124.2
2/23/2021	0	1122	78	125.2
2/23/2021	0	1125	77	124.2
2/23/2021	0	1122	77	124.2
2/23/2021	0	1123	78	125.2
2/23/2021	0	1128	77	124.2
2/23/2021	0	1124	77	124.2

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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 22372

CONDITIONS OF APPROVAL

Operator:	ENDURING RESOURCES, LLC	1050 17TH STREET, SUITE 2500	DENVER, CO80265	OGRID:	372286	Action Number:	22372	Action Type:	C-141
OCD Reviewer	Condition								
marcus	None								