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	NRM2004549559	
District RP		
Facility ID		
Application ID		

# **Release Notification**

## **Responsible Party**

Responsible Party: BTA Oil Producers, LLC	OGRID: 260297
Contact Name: Bob Hall	Contact Telephone: 432-682-3753
Contact email: bhall@btaoil.com	Incident # (assigned by OCD)
Contact mailing address: 104 S. Pecos St., Midland, TX 79701	

### **Location of Release Source**

Latitude: 32.06412° Longitude: -103.64973°

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Mesa 8105 JV-P #4H Battery	Site Type: Tank Battery
Date Release Discovered: 2/12/2020	API# ( <i>if applicable</i> ) Nearest well: Mesa 8105 JV-P #4H API #30-025-42842

Unit Letter	Section	Township	Range	County
С	11	265	32E	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)

Crude Oil	Volume Released (bbls) 47 BBL	Volume Recovered (bbls) 45 BBL
Produced Water	Volume Released (bbls) 21 BBL	Volume Recovered (bbls) 20 BBL
	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

Attributed to cold weather, gas supply line froze causing dump valve malfunction on separator that sent fluid to compressor and caused the catch tank to overflow. Fluid spread along the side of the location, but stayed on the pad. (See included details of spill document.)

orin C-141	State of New Mex	ico	Incident ID	NRM2004549559
age 2	Oil Conservation Div	vision	District RP	
			Facility ID	
			Application ID	
Was this a major	If YES, for what reason(s) does	the responsible party conside	r this a major release?	)
release as defined by				
19.15.29.7(A) NMAC?	The spill volume was great	er than 25 BBL, which th	e NMOCD Rules o	lefine as a major
🖾 Yes 🗌 No	release.			
1				
If YES, was immediate n	otice given to the OCD? By whom	n? To whom? When and by	what means (phone, o	email, etc)?
Notification is provid	ed by distribution of the Rel	ease Notification and In	itial Response sec	tions of the
Form C-141 to NIVIO	LD and BLIVI.			
	T			
	ln:	itial Response		
The responsible	party must undertake the following actions	immediately unless they could creat	e a safety hazard that wou	ld result in injury
$\square$ The source of the rele	ease has been stopped.			
The impacted area ha	s been secured to protect human h	ealth and the environment.		
Released materials ha	ave been contained via the use of b	erms or dikes, absorbent pad	s, or other containment	nt devices.
<ul> <li>Released materials have</li> <li>All free liquids and reliquids</li> </ul>	ave been contained via the use of b ecoverable materials have been rer	erms or dikes, absorbent pad noved and managed appropri	s, or other containmer ately.	nt devices.
<ul> <li>Released materials hat</li> <li>All free liquids and reliquids to the section of the section o</li></ul>	ave been contained via the use of b ecoverable materials have been rer d above have <u>not</u> been undertaken	erms or dikes, absorbent pad noved and managed appropri , explain why:	s, or other containmen ately.	nt devices.
<ul> <li>Released materials has</li> <li>All free liquids and reading</li> <li>If all the actions describe</li> </ul>	ave been contained via the use of b ecoverable materials have been rer d above have <u>not</u> been undertaken	erms or dikes, absorbent pad noved and managed appropri explain why:	s, or other containment ately.	nt devices.
<ul> <li>Released materials has</li> <li>All free liquids and read of the second seco</li></ul>	ave been contained via the use of b ecoverable materials have been rer d above have <u>not</u> been undertaken sponse Details: Vacuum true	erms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui	s, or other containmen ately. d. Backhoe on-sit	nt devices. e scraped up
<ul> <li>Released materials hat</li> <li>All free liquids and read of the second seco</li></ul>	ave been contained via the use of b ecoverable materials have been rer d above have <u>not</u> been undertaken, sponse Details: Vacuum true out 30 cubic yds were placed	erms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal.	s, or other containmen ately. d. Backhoe on-sit	nt devices. e scraped up
<ul> <li>Released materials hat</li> <li>All free liquids and red</li> <li>If all the actions describe</li> <li>Additional Initial Res</li> <li>impacted soil and ab</li> </ul>	ave been contained via the use of b ecoverable materials have been rer d above have <u>not</u> been undertaken, sponse Details: Vacuum true out 30 cubic yds were placed	erms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal.	s, or other containmen ately. d. Backhoe on-sit	nt devices. e scraped up
<ul> <li>Released materials has</li> <li>All free liquids and read of the second seco</li></ul>	ave been contained via the use of b ecoverable materials have been rer d above have <u>not</u> been undertaken sponse Details: Vacuum true out 30 cubic yds were placed	erms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal.	s, or other containmen ately. d. Backhoe on-sit	nt devices. e scraped up
<ul> <li>Released materials has</li> <li>All free liquids and read of the second seco</li></ul>	ave been contained via the use of b ecoverable materials have been rer d above have <u>not</u> been undertaken, sponse Details: Vacuum true out 30 cubic yds were placed	erms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal.	s, or other containmen ately. d. Backhoe on-sit	nt devices. e scraped up of a release. If remediation
<ul> <li>Released materials has</li> <li>All free liquids and read of the second seco</li></ul>	ave been contained via the use of b ecoverable materials have been rer d above have <u>not</u> been undertaken, <b>sponse Details:</b> Vacuum true out 30 cubic yds were placed IAC the responsible party may cor a narrative of actions to date. If i	erms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal.	s, or other containment ately. d. Backhoe on-sit ately after discovery of accessfully completed remation needed for of	e scraped up of a release. If remediation l or if the release occurred osure evaluation
<ul> <li>Released materials has</li> <li>All free liquids and read of the second seco</li></ul>	ave been contained via the use of be ecoverable materials have been rer d above have <u>not</u> been undertaken, <b>sponse Details:</b> Vacuum true out 30 cubic yds were placed IAC the responsible party may cor a narrative of actions to date. If in at area (see 19.15.29.11(A)(5)(a) N	erms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal. nmence remediation immedia remedial efforts have been su IMAC), please attach all info	s, or other containment ately. d. Backhoe on-sit ately after discovery of accessfully completed rmation needed for cl	e scraped up of a release. If remediation d or if the release occurred osure evaluation.
<ul> <li>Released materials has</li> <li>All free liquids and religible</li> <li>All free liquids and religible</li> <li>Additional Initial Resentation</li> <li>Mathematical Social and ab</li> <li>Per 19.15.29.8 B. (4) NM</li> <li>has begun, please attach</li> <li>within a lined containmentail</li> <li>I hereby certify that the information regulations all operators are</li> </ul>	ave been contained via the use of be ecoverable materials have been rend d above have <u>not</u> been undertaken, <b>sponse Details:</b> Vacuum true out 30 cubic yds were placed IAC the responsible party may conduct a narrative of actions to date. If an at area (see 19.15.29.11(A)(5)(a) N rmation given above is true and comp required to report and/or file certain re	erms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal. nmence remediation immedia remedial efforts have been su IMAC), please attach all info lete to the best of my knowledge elease notifications and perform	s, or other containment ately. d. Backhoe on-sit ately after discovery of accessfully completed rmation needed for cl and understand that pur corrective actions for re	e scraped up of a release. If remediation or if the release occurred osure evaluation.
<ul> <li>Released materials has</li> <li>All free liquids and reasonal of the second second</li></ul>	ave been contained via the use of be ecoverable materials have been rer d above have <u>not</u> been undertaken. <b>Sponse Details:</b> Vacuum true out 30 cubic yds were placed [AC the responsible party may cor a narrative of actions to date. If in at area (see 19.15.29.11(A)(5)(a) N rmation given above is true and comp required to report and/or file certain re ment. The acceptance of a C-141 repo	erms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal. nmence remediation immedia remedial efforts have been su IMAC), please attach all info lete to the best of my knowledge elease notifications and perform rt by the OCD does not relieve t	s, or other containment ately. d. Backhoe on-sit ately after discovery of accessfully completed rmation needed for cl and understand that pur corrective actions for re- he operator of liability s	e scraped up of a release. If remediation d or if the release occurred osure evaluation. rsuant to OCD rules and cleases which may endanger chould their operations have
<ul> <li>Released materials has</li> <li>All free liquids and religible</li> <li>All free liquids and religible</li> <li>If all the actions describe</li> <li>Additional Initial Reserve</li> <li>impacted soil and ab</li> <li>Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containment</li> <li>I hereby certify that the inforregulations all operators are public health or the environment</li> <li>failed to adequately investig addition. OCD acceptance on the second se</li></ul>	ave been contained via the use of b ecoverable materials have been rer d above have <u>not</u> been undertaken, <b>sponse Details:</b> Vacuum true out 30 cubic yds were placed IAC the responsible party may cor a narrative of actions to date. If in the area (see 19.15.29.11(A)(5)(a) N rmation given above is true and comp required to report and/or file certain re- ment. The acceptance of a C-141 repor- ate and remediate contamination that p f a C-141 report does not relieve the o	erms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal. nmence remediation immedia remedial efforts have been su JMAC), please attach all info lete to the best of my knowledge elease notifications and perform rt by the OCD does not relieve t pose a threat to groundwater, su perator of responsibility for com	s, or other containment ately. d. Backhoe on-sit ately after discovery of accessfully completed rmation needed for cl and understand that pur corrective actions for re- he operator of liability s face water, human healt pliance with any other f	e scraped up of a release. If remediation l or if the release occurred osure evaluation. rsuant to OCD rules and leases which may endanger thould their operations have th or the environment. In Federal, state, or local laws
<ul> <li>Released materials has</li> <li>All free liquids and reasons</li> <li>If all the actions describe</li> <li>Additional Initial Resent</li> <li>impacted soil and ab</li> <li>Per 19.15.29.8 B. (4) NM</li> <li>has begun, please attach</li> <li>within a lined containment</li> <li>I hereby certify that the information regulations all operators are public health or the environt failed to adequately investig addition, OCD acceptance of and/or regulations.</li> </ul>	ave been contained via the use of be ecoverable materials have been rer d above have <u>not</u> been undertaken. <b>Sponse Details:</b> Vacuum true out 30 cubic yds were placed [AC the responsible party may cor a narrative of actions to date. If r at area (see 19.15.29.11(A)(5)(a) N rmation given above is true and comp required to report and/or file certain re ment. The acceptance of a C-141 repor ate and remediate contamination that f a C-141 report does not relieve the o	eerms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal. nmence remediation immedia remedial efforts have been su IMAC), please attach all info lete to the best of my knowledge elease notifications and perform rt by the OCD does not relieve t pose a threat to groundwater, sur perator of responsibility for com	s, or other containment ately. d. Backhoe on-sit ately after discovery of accessfully completed rmation needed for cl and understand that put corrective actions for re he operator of liability s face water, human healt pliance with any other f	e scraped up of a release. If remediation d or if the release occurred osure evaluation. rsuant to OCD rules and deases which may endanger should their operations have th or the environment. In federal, state, or local laws
<ul> <li>Released materials has</li> <li>All free liquids and religible</li> <li>All free liquids and religible</li> <li>If all the actions describe</li> <li>Additional Initial Resense impacted soil and ab</li> <li>Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containment</li> <li>I hereby certify that the inforregulations all operators are public health or the environment</li> <li>I hereby certify that the inforregulations all operators are public health or the environment</li> <li>Addition, OCD acceptance or and/or regulations.</li> </ul>	ave been contained via the use of been verable materials have been rered above have <u>not</u> been undertaken, <b>Sponse Details:</b> Vacuum true out 30 cubic yds were placed IAC the responsible party may core a narrative of actions to date. If is at area (see 19.15.29.11(A)(5)(a) Nermation given above is true and comp required to report and/or file certain re- ment. The acceptance of a C-141 repor- ate and remediate contamination that p f a C-141 report does not relieve the o	erms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal. nmence remediation immedia remedial efforts have been su IMAC), please attach all info lete to the best of my knowledge elease notifications and perform rt by the OCD does not relieve t pose a threat to groundwater, sur perator of responsibility for com	s, or other containment ately. d. Backhoe on-sit ately after discovery of accessfully completed rmation needed for cl and understand that put corrective actions for re he operator of liability s face water, human healt pliance with any other f	e scraped up of a release. If remediation d or if the release occurred osure evaluation. rsuant to OCD rules and deases which may endanger should their operations have th or the environment. In federal, state, or local laws
<ul> <li>Released materials has</li> <li>All free liquids and religible</li> <li>All free liquids and religible</li> <li>If all the actions describe</li> <li>Additional Initial Reserve</li> <li>impacted soil and ab</li> <li>Per 19.15.29.8 B. (4) NM</li> <li>has begun, please attach</li> <li>within a lined containment</li> <li>I hereby certify that the information regulations all operators are public health or the environmation failed to adequately investig addition, OCD acceptance of and/or regulations.</li> <li>Printed Name: Bob Hall</li> </ul>	ave been contained via the use of been coverable materials have been rered above have <u>not</u> been undertaken. <b>Sponse Details:</b> Vacuum true out 30 cubic yds were placed IAC the responsible party may core a narrative of actions to date. If in the area (see 19.15.29.11(A)(5)(a) Nermation given above is true and comprequired to report and/or file certain rement. The acceptance of a C-141 report and remediate contamination that if a C-141 report does not relieve the out a true the contamination that is the con	eerms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal. nmence remediation immedia remedial efforts have been su IMAC), please attach all info lete to the best of my knowledge elease notifications and perform rt by the OCD does not relieve t pose a threat to groundwater, sur perator of responsibility for com	s, or other containment ately. d. Backhoe on-sit ately after discovery of accessfully completed rmation needed for cl and understand that put corrective actions for re he operator of liability s face water, human healt pliance with any other f	e scraped up of a release. If remediation d or if the release occurred osure evaluation. rsuant to OCD rules and leases which may endanger should their operations have th or the environment. In 'ederal, state, or local laws
<ul> <li>Released materials has</li> <li>All free liquids and religible</li> <li>All free liquids and religible</li> <li>Additional Initial Resenses</li> <li>impacted soil and ab</li> <li>Per 19.15.29.8 B. (4) NM</li> <li>has begun, please attach</li> <li>within a lined containment</li> <li>I hereby certify that the inforregulations all operators are public health or the environt failed to adequately investig addition, OCD acceptance of and/or regulations.</li> <li>Printed Name: Bob Hall</li> <li>Signature:</li> </ul>	ave been contained via the use of been verable materials have been rered above have not been undertaken, <b>Sponse Details:</b> Vacuum true out 30 cubic yds were placed IAC the responsible party may core a narrative of actions to date. If is a narrative of actions to date. If is a rea (see 19.15.29.11(A)(5)(a) Nermation given above is true and comprequired to report and/or file certain rement. The acceptance of a C-141 report and remediate contamination that is a C-141 report does not relieve the out of a C-141 report does not relieve the o	eerms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal. nmence remediation immedia remedial efforts have been su IMAC), please attach all info lete to the best of my knowledge elease notifications and perform rt by the OCD does not relieve t pose a threat to groundwater, sur perator of responsibility for com	s, or other containment ately. d. Backhoe on-sit ately after discovery of accessfully completed rmation needed for cl and understand that put corrective actions for re- he operator of liability s face water, human healt pliance with any other f	e scraped up of a release. If remediation d or if the release occurred osure evaluation. rsuant to OCD rules and deases which may endanger should their operations have th or the environment. In federal, state, or local laws
<ul> <li>Released materials has</li> <li>All free liquids and reasons</li> <li>If all the actions describe</li> <li>Additional Initial Resemption</li> <li>Additional Initial Resemption</li> <li>Per 19.15.29.8 B. (4) NM</li> <li>has begun, please attach</li> <li>within a lined containment</li> <li>I hereby certify that the information regulations all operators are public health or the environg failed to adequately investig addition, OCD acceptance of and/or regulations.</li> <li>Printed Name: Bob Hall</li> <li>Signature: See I</li> </ul>	Ave been contained via the use of been coverable materials have been read above have <u>not</u> been undertaken. <b>Sponse Details:</b> Vacuum true out 30 cubic yds were placed IAC the responsible party may corran a narrative of actions to date. If in the area (see 19.15.29.11(A)(5)(a) Normation given above is true and comprequired to report and/or file certain rement. The acceptance of a C-141 report and remediate contamination that predict and remediate contamination that predict the context of the con	eerms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal. nmence remediation immedia remedial efforts have been su IMAC), please attach all info lete to the best of my knowledge elease notifications and perform rt by the OCD does not relieve t pose a threat to groundwater, sur perator of responsibility for com ager Date: 2/13/202	s, or other containment ately. d. Backhoe on-sit ately after discovery of accessfully completed rmation needed for cl and understand that pur corrective actions for re- he operator of liability s face water, human healt pliance with any other f	e scraped up of a release. If remediation d or if the release occurred osure evaluation. rsuant to OCD rules and leases which may endanger should their operations have th or the environment. In federal, state, or local laws
<ul> <li>Released materials has</li> <li>All free liquids and reasons</li> <li>If all the actions describe</li> <li>Additional Initial Resenses</li> <li>impacted soil and ab</li> <li>Per 19.15.29.8 B. (4) NM</li> <li>has begun, please attach</li> <li>within a lined containment</li> <li>I hereby certify that the inforregulations all operators are public health or the environment</li> <li>failed to adequately investig addition, OCD acceptance of and/or regulations.</li> <li>Printed Name: Bob Hall</li> <li>Signature: Sec. I.</li> <li>email: bhall@btaoil.cc</li> </ul>	ave been contained via the use of the ecoverable materials have been remediation above have not been undertaken, apponse Details: Vacuum true out 30 cubic yds were placed IAC the responsible party may corra a narrative of actions to date. If the tarea (see 19.15.29.11(A)(5)(a) Normation given above is true and comprequired to report and/or file certain rement. The acceptance of a C-141 report and remediate contamination that provide a contaminatis that provide a contamination that provide a cont	eerms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal. nmence remediation immedia remedial efforts have been su IMAC), please attach all info lete to the best of my knowledge elease notifications and perform rt by the OCD does not relieve t pose a threat to groundwater, sur perator of responsibility for com ager Date: 2/13/202 2-682-3753	s, or other containment ately. d. Backhoe on-sit ately after discovery of accessfully completed rmation needed for cl and understand that put corrective actions for re- he operator of liability s face water, human healt pliance with any other f	e scraped up of a release. If remediation d or if the release occurred osure evaluation. rsuant to OCD rules and leases which may endanger should their operations have th or the environment. In federal, state, or local laws
<ul> <li>Released materials has</li> <li>All free liquids and reasons</li> <li>If all the actions describe</li> <li>Additional Initial Resemption</li> <li>Additional Initial Resemption</li> <li>Additional Initial Resemption</li> <li>Per 19.15.29.8 B. (4) NM</li> <li>has begun, please attach</li> <li>within a lined containment</li> <li>I hereby certify that the information regulations all operators are public health or the environment</li> <li>failed to adequately investig addition, OCD acceptance of and/or regulations.</li> <li>Printed Name: Bob Hall</li> <li>Signature: Sec. In the second secon</li></ul>	ave been contained via the use of the ecoverable materials have been remediate above have not been undertaken. <b>Sponse Details:</b> Vacuum true out 30 cubic yds were placed IAC the responsible party may corran a narrative of actions to date. If in the area (see 19.15.29.11(A)(5)(a) Normation given above is true and comprequired to report and/or file certain rement. The acceptance of a C-141 report and remediate contamination that prediate and reme	eerms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal. nmence remediation immedia remedial efforts have been su IMAC), please attach all info lete to the best of my knowledge elease notifications and perform rt by the OCD does not relieve t pose a threat to groundwater, sur perator of responsibility for com ager Date: 2/13/202 2-682-3753	s, or other containment ately. d. Backhoe on-sit ately after discovery of accessfully completed rmation needed for cl and understand that pur corrective actions for re he operator of liability s face water, human healt pliance with any other f	e scraped up of a release. If remediation l or if the release occurred osure evaluation. rsuant to OCD rules and cleases which may endanger chould their operations have th or the environment. In Federal, state, or local laws
<ul> <li>Released materials has</li> <li>All free liquids and reasons</li> <li>If all the actions describe</li> <li>Additional Initial Resense impacted soil and ab</li> <li>Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containment</li> <li>I hereby certify that the information regulations all operators are public health or the environt failed to adequately investig addition, OCD acceptance of and/or regulations.</li> <li>Printed Name: Bob Hall</li> <li>Signature: Signature: Signature: Signature: Signature: Signature</li> </ul>	ave been contained via the use of be ecoverable materials have been rer d above have <u>not</u> been undertaken, <b>sponse Details:</b> Vacuum true out 30 cubic yds were placed [AC the responsible party may cor a narrative of actions to date. If r at area (see 19.15.29.11(A)(5)(a) N rmation given above is true and comp required to report and/or file certain re ment. The acceptance of a C-141 report ate and remediate contamination that p f a C-141 report does not relieve the o [] Title: Environmental Man [] M [] Title: Environmental Man [] M [] M [] Telephone: 432	eerms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal. nmence remediation immedia remedial efforts have been su IMAC), please attach all info lete to the best of my knowledge elease notifications and perform rt by the OCD does not relieve t pose a threat to groundwater, sur perator of responsibility for com ager Date: 2/13/202 2-682-3753	s, or other containment ately. d. Backhoe on-sit ately after discovery of accessfully completed rmation needed for cl and understand that pur corrective actions for re- he operator of liability s face water, human healt pliance with any other f	e scraped up of a release. If remediation d or if the release occurred osure evaluation. rsuant to OCD rules and leases which may endanger should their operations have h or the environment. In federal, state, or local laws
<ul> <li>Released materials has</li> <li>All free liquids and religible and re</li></ul>	ave been contained via the use of the ecoverable materials have been remed above have not been undertaken, apponse Details: Vacuum true out 30 cubic yds were placed a narrative of actions to date. If it area (see 19.15.29.11(A)(5)(a) N remation given above is true and comp required to report and/or file certain rement. The acceptance of a C-141 report does not relieve the out for the contamination that provide the contaminatin tha	eerms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal. nmence remediation immedia remedial efforts have been su IMAC), please attach all info lete to the best of my knowledge elease notifications and perform rt by the OCD does not relieve t pose a threat to groundwater, sur perator of responsibility for com ager Date: 2/13/202 2-682-3753	s, or other containment ately. d. Backhoe on-sit ately after discovery of accessfully completed rmation needed for cl and understand that pur corrective actions for re he operator of liability s face water, human healt pliance with any other f	e scraped up of a release. If remediation d or if the release occurred osure evaluation. rsuant to OCD rules and deases which may endanger should their operations have th or the environment. In federal, state, or local laws
<ul> <li>Released materials has</li> <li>All free liquids and religible</li> <li>All free liquids and religible</li> <li>Additional Initial Resentation</li> <li>Additional Initial Resentation</li> <li>Additional Initial Resentation</li> <li>Additional Initial Resentation</li> <li>Per 19.15.29.8 B. (4) NM</li> <li>has begun, please attach</li> <li>within a lined containmentation</li> <li>I hereby certify that the information regulations all operators are public health or the environtation of the environmentation of the environmentatin the environmentation o</li></ul>	ave been contained via the use of b ecoverable materials have been rer d above have <u>not</u> been undertaken. <b>Sponse Details:</b> Vacuum true out 30 cubic yds were placed [AC the responsible party may cor a narrative of actions to date. If in a tarea (see 19.15.29.11(A)(5)(a) N rmation given above is true and comp required to report and/or file certain re- ment. The acceptance of a C-141 repor- ate and remediate contamination that p f a C-141 report does not relieve the o I Title: Environmental Man- but om Telephone: 432	eerms or dikes, absorbent pad noved and managed appropri , explain why: ck recovered all free flui d on plastic for disposal. nmence remediation immedia remedial efforts have been su IMAC), please attach all info lete to the best of my knowledge elease notifications and perform rt by the OCD does not relieve to pose a threat to groundwater, sur perator of responsibility for com ager Date: 2/13/202 2-682-3753	s, or other containment ately. d. Backhoe on-sit ately after discovery of accessfully completed rmation needed for cl and understand that pur corrective actions for re- he operator of liability s face water, human healt pliance with any other f 20	e scraped up of a release. If remediation d or if the release occurred osure evaluation. rsuant to OCD rules and leases which may endanger should their operations have th or the environment. In rederal, state, or local laws

NRM2004549559

Mesa #4 API# 30-025-42842

Spill 2/12/2020

Pictures of Spill 2/12/2020



NRM2004549559

Mesa #4 API# 30-025-42842

Spill 2/12/2020

Pictures of Spill Cleanup 2/12/2020



NRM2004549559

## Spill 2/12/2020

# Mesaal Path Polygon Circle 3D path 3D polygon Line Measure the distance or area of a geometric shape on the ground Perimeter: 316.10 Feet 2,326.77 Square Feet Area: ✔ Mouse Navigation Clear Save

## **Calculation of Volume of Release**

2327 square feet

Used 50ft x 50ft = 2500 square feet as approximation in Spill Volume Calculation spreadsheet.

Page 6 of 6

 Location
 Mesa #4H

 API #
 30-025-42842

 Spill Date
 2/12/2020

#### **Spill Dimensions**

ENTER - Length of Spill ENTER - Width of Spill ENTER - Saturation Depth of Spill

ENTER -	Porosity	Factor
---------	----------	--------

50 <b>feet</b>
50 <b>feet</b>
3 inches



0.7

45 BBL

20 BBL

Oil Cut - Well Test / Vessel Throughput or Contents Oil Water Calculated Oil Cut

Volume Recovered in Truck / Containmen	t
ENTER - Recovered Oil	

ENTER - Recovered Water

#### **Calculated Values**

Release of Oil in Soil - Unrecovered Release of Water in Soil - Unrecovered Unrecovered Total Release

calculated	
2	BBL
1	BBL
3	BBL

Сс	alo	cu	la	ted	Values
_			_		

Total Release of Oil Total Release of Water Total Release

1	ulated
7	47 <b>BBL</b>
1	21 <b>BBL</b>
8	68 <b>BBL</b>

Х

Types of Soil	Porosity Factor
Gravel	0.25
Sand	0.20
Clay/silt/sand Mix	0.15
Clay	0.05
Caliche	0.03
Unknown	0.25

(Length X Width X Depth X 1 ft/12 in) X Porosity 5.615 ft<sup>3</sup> / BBL Oil Cut (or Water Cut)