

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	
District RP	2RP-5333
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Burnett Oil Co., Inc.	OGRID: 03080
Contact Name: Johnny Titsworth	Contact Telephone: (432) 425-2891
Contact email: jtitsworth@burnettoil.com	Incident # (assigned by OCD)
Contact mailing address: P.O. Box 188 Loco Hills, NM 88255	

Location of Release Source

Latitude 32.84317 _____ Longitude -103.94977 _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Gissler B 3-3 Tank Battery	Site Type: Tank Battery
Date Release Discovered: 3/13/19	API# (if applicable)

Unit Letter	Section	Township	Range	County
M	11	17S	30E	Eddy Co.

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): 5 BBLS	Volume Recovered (bbls): 2 BBLS
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls): 685 BBLS	Volume Recovered (bbls): 503 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: Extremely high winds cause the water leg on the gun barrel tank to break, releasing fluid into the bermed area.

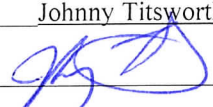
State of New Mexico
Oil Conservation Division

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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? The release amount was over 200 BBLS of total fluid
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Mike Bratcher 3/14/19 at 8:15 am via phone Jim Amos (BLM) 3/14/19 at 8:15 am via phone	

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>Johnny Titsworth</u> Title: <u>HSE Coordinator</u> Signature: <u></u> Date: <u>3/15/19</u> email: <u>jtitworth@burnettoil.com</u> Telephone: <u>(432) 425-2891</u>
<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?

<300 (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 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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Oil Conservation Division

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Printed Name: Johnny Titsworth Title: HSE Coordinator

Signature:  Date: 9/16/19

email: jtitsworth@burnettoil.com Telephone: (432) 425-2891

OCD Only

Received by: _____ Date: _____

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Remediation Plan

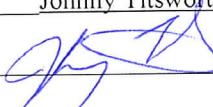
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ 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: Johnny Titsworth Title: HSE Coordinator
Signature:  Date: 9/16/19
email: jtitsworth@burnettoil.com Telephone: (432) 425-2891

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____



September 16, 2019

Mike Bratcher
New Mexico Energy, Minerals & Natural Resources Oil Conservation Division,
Environmental Bureau - District 2
811 S. First St.
Artesia, NM 88210

RE: Corrective Action Plan
Burnett Oil Co., Inc. - Gissler B 3-3 Tank Battery
UL/M sec. 11 T17S R30E

Mr. Bratcher:

The above location is approximately 2.5 miles Northeast of Loco Hills, New Mexico at UL/M sec.11 T17S R30E. The site is located in an area of no known groundwater.

In the evening of March 13, 2019, there was a release of 690 barrels of fluid, and we were able to recover approx. 505 barrels of fluid. The release was occurred when extremely high winds broke the 4" water leg line coming off the gun barrel tank. The BLM and the NMOCD were notified on March 14, 2019, and the C-141 was submitted on March 15, 2019.

Corrective Action Plan

On March 13, 2019 a vacuum truck was called out the BOCI Gissler B 3-3 Tank Battery. Approximately 505 barrels of fluid was picked up from inside the firewall surrounding the tanks, and from the lined area to the south which contains the vessels. On March 15, the overspray area on the lease road and pad to the East of the tank battery was scrapped up. The material was hauled to an accredited disposal site. On March 28, 2019 Aspen Grow LLC. was hired to collect samples within the release area surrounding the tanks. There were three sample locations: SP-1, SP-2, & SP-3. The area of SP-1 showed elevated levels down to 9'. The area of



September 16, 2019

SP-2 showed elevated levels down to 2'. The area of SP-3 showed elevated levels down to 6'. Atkins engineering was hired to delineate the are of SP-1 (BH-1) and was able to collect data showing clean soil at 35' below surface. The area of SP-3 was not delineated, there was not a safe access point. On October 15, 2015 BOCI reported a release of 550 bbls of fluid. This release was deferred until abandonment on January 28, 2016.

To remediate the impacted soil, Burnett Oil Co., Inc. enlisted the services of Aspen Grow LLC. to apply Probiotic compounds to the impacted area. The probiotics will be applied with fresh water to the impacted area once a week for eight weeks. In that time the probiotics and the fresh water will be able to begin remediating the hydrocarbons in the impacted area. The impacted area of will be sampled at the end of the probiotic application. Pending the results of the analytical, further application could be required.

Following the approval of this work plan, Burnett Oil Co., Inc. will begin remediating the release area down to Regulatory standards. At this time, BOCI request an extension of 180 days from submittal to perform in-situ remediation and closure of this release.

Please feel free to contact me with any questions concerning this plan request.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Titsworth', with a stylized flourish at the end.

Johnny Titsworth



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

PLSS Search:

Section(s): 11

Township: 17S

Range: 30E

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

3/15/19 12:59 PM

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Gissler B 3-3 TB

3.13.19 release footprint

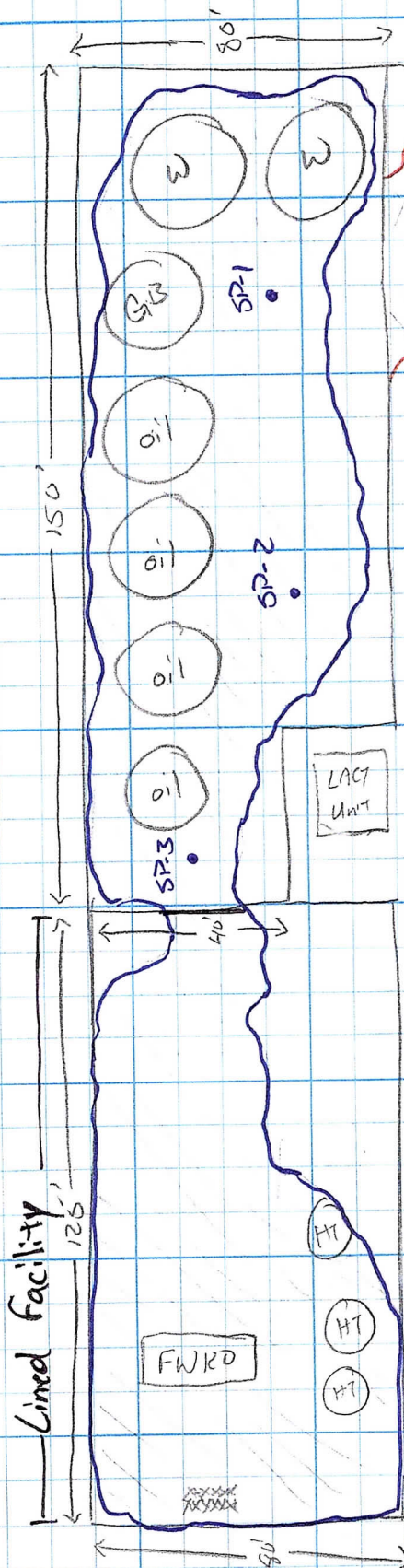
Legend

- Borehole Location
- Overspray Area
- Release Footprint
- Sample Locations



Gissler B 3-3 TB

3/13/19



(X)
Gissler 20

Gissler
B 97

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
3/28/2019	SP-1	0-1'	5100	322	7700	8022	ND	ND	0.54	1.3	1.84
3/28/2019	SP-1	1'-2'	100								
3/28/2019	SP-1	2'-3'	4100								
3/28/2019	SP-1	3'-4'	3500								
3/28/2019	SP-1	4'-5'	1,800								
3/28/2019	SP-1	5'-6'	3,600								
3/28/2019	SP-1	6'-7'	3900								
3/28/2019	SP-1	7'-8'	4400								
3/28/2019	SP-1	8'-9'	4500								
3/28/2019	SP-2	0-1'	1500	35	12000	12035	ND	ND	ND	ND	ND
3/28/2019	SP-2	1'-2'	1300								
3/28/2019	SP-2	2'-3'	770								

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
3/28/2019	SP-2	3'-4'	180								
3/28/2019	SP-2	4'-5'	230								
3/28/2019	SP-2	5'-6'	ND								
3/28/2019	SP-2	6'-7'	140								
3/28/2019	SP-2	7'-8'	ND								
3/28/2019	SP-2	8'-9'	ND								
3/28/2019	SP-2	9'-10'	100								
3/28/2019	SP-3	0-1'	3100	99	10000	10099	0.16	1.6	0.75	1.6	4.11
3/28/2019	SP-3	1'-2'	5200								
3/28/2019	SP-3	2'-3'	7700								
3/28/2019	SP-3	3'-4'	1200								
3/28/2019	SP-3	4'-5'	3500								



Location: Gissler B 3-3 TB

Table 1 - Analytical Results

[illegible]

Location: Gissler B 3-3 TB

Table 1 - Analytical Results

[illegible]