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	nAPP2203854400
District RP	
Facility ID	fAPP2202156397
Application ID	

Release Notification

Responsible Party

Responsible Party: Burnett Oil Co., Inc.	OGRID: 03080
Contact Name: Bryan Burns	Contact Telephone: (575)706-5999
Contact email: wburns@burnettoil.com	Incident # *(assigned by OCD)* nAPP2203854400
Contact mailing address: P.O. Box 188 Loco Hills, NM 88255	

Location of Release Source

Latitude 32.82325 Longitude -103.91900
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Jackson B 6 Tank Battery	Site Type Pasture
Date Release Discovered 1/24/2022	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
H	24	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)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 17.5	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:

Sub-freezing temperatures caused the fuse in the water line to crack. Night security spotted the release and contacted me. While on the phone with him the lease operator showed up and was able to stop get the fluid shut down. The release occurred at the top of a hill, and it made it into a narrow water run-off and followed it.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2203854400
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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?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

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 not 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: Bryan Burns Title: HSE and Security Coordinator

Signature: Date: 2/24/22

email: wburns@burnettoil.com Telephone: (575) 706-5999

OCD Only

Received by: Date:

Form C-141 State of New Mexico
Page 3 Oil Conservation Division

Incident ID	nAPP2203854400
District RP	
Facility ID	fAPP2202156397
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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 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.

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Page 4 Oil Conservation Division

Incident ID	nAPP2203854400
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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: Bryan Burns Title: HSE and Security Coordinator

Signature: Date: 2/24/22

email: wburns@burnettoil.com Telephone: (575) 706-7999

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

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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.

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: Bryan Burns Title: HSE and Security Coordinator

Signature: Bryan Burns Date: 2/24/22

email: wburns@burnettoil.com Telephone: (575) 706-7999

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Burnett Oil Co., Inc

Location: JB 6 Waterline 1/24/22 Page: 1

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
2/12/2022	SP 1	0-1	3900	ND	11	11	ND	ND	ND	ND	ND
		1-2	10000	ND	37	37	ND	ND	ND	ND	ND
		2-3	15000	ND	ND	ND	ND	ND	ND	ND	ND
		3-4	12000	ND	ND	ND	ND	ND	ND	ND	ND
		4-5	9300	ND	11	11	ND	ND	ND	ND	ND
	SP 2	0-1	7800	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	9500	ND	34	34	ND	ND	ND	ND	ND
		2-3	9800	ND	ND	ND	ND	ND	ND	ND	ND
		3-4	10000	ND	ND	ND	ND	ND	ND	ND	ND
		4-5	12000	ND	ND	ND	ND	ND	ND	ND	ND

Burnett Oil Co., Inc

Location: JB 6 Waterline 1/24/22 Page: 2

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
2/12/2022	SP 3	0-1	9100	ND	36	36	ND	ND	ND	ND	ND
		1-2	13000	ND	2600	2600	ND	ND	ND	ND	ND
		2-3	9000	ND	600	600	ND	ND	ND	ND	ND
		3-4	refusal								
		4-5									
	SP 4	0-1	6600	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	9200	ND	ND	ND	ND	ND	ND	ND	ND
		2-3	9900	ND	ND	ND	ND	ND	ND	ND	ND
		3-4	11000	ND	ND	ND	ND	ND	ND	ND	ND
		4-5	9600	ND	ND	ND	ND	ND	ND	ND	ND

Burnett Oil Co., Inc

Location: JB 6 Waterline 1/24/22 Page: 3

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
2/12/2022	SP 5	0-1	6300	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	8600	ND	ND	ND	ND	ND	ND	ND	ND
		2-3	7100	ND	17	17	ND	ND	ND	ND	ND
		3-4	8900	ND	ND	ND	ND	ND	ND	ND	ND
		4-5	8200	ND	ND	ND	ND	ND	ND	ND	ND
	SP 6	0-1	5100	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	3900	ND	ND	ND	ND	ND	ND	ND	ND
		2-3	6800	ND	ND	ND	ND	ND	ND	ND	ND
		3-4	8300	ND	ND	ND	ND	ND	ND	ND	ND
		4-5	6000	ND	ND	ND	ND	ND	ND	ND	ND

Burnett Oil Co., Inc

Location: JB 6 Waterline 1/24/22 Page: 4

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
2/12/2022	SP 7	0-1	4100	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	7200	ND	ND	ND	ND	ND	ND	ND	ND
		2-3	8200	ND	ND	ND	ND	ND	ND	ND	ND
		3-4	8600	ND	ND	ND	ND	ND	ND	ND	ND
		4-5	8800	ND	ND	ND	ND	ND	ND	ND	ND
	SP 8	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
		2-3	ND	ND	ND	ND	ND	ND	ND	ND	ND
		3-4	ND	ND	ND	ND	ND	ND	ND	ND	ND
		4-5	ND	ND	ND	ND	ND	ND	ND	ND	ND

Burnett Oil Co., Inc

Location: JB 6 Waterline 1/24/22 Page: 5

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
2/12/2022	SP 9	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
		2-3	ND	ND	ND	ND	ND	ND	ND	ND	ND
		3-4	ND	ND	ND	ND	ND	ND	ND	ND	ND
		4-5	ND	ND	ND	ND	ND	ND	ND	ND	ND
	SP 10	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
		2-3	ND	ND	ND	ND	ND	ND	ND	ND	ND
		3-4	ND	ND	ND	ND	ND	ND	ND	ND	ND
		4-5	ND	ND	ND	ND	ND	ND	ND	ND	ND

Burnett Oil Co., Inc

Location: JB 6 Waterline 1/24/22 Page: 6

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
2/12/2022	SP 11	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
		2-3	ND	ND	ND	ND	ND	ND	ND	ND	ND
		3-4	ND	ND	ND	ND	ND	ND	ND	ND	ND
		4-5	ND	ND	ND	ND	ND	ND	ND	ND	ND
	SP 12	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
		2-3	ND	ND	ND	ND	ND	ND	ND	ND	ND
		3-4	ND	ND	ND	ND	ND	ND	ND	ND	ND
		4-5	ND	ND	ND	ND	ND	ND	ND	ND	ND

Burnett Oil Co., Inc

Location: JB 6 Waterline 1/24/22 Page: 7

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
2/12/2022	SP 13	0-1	79	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	64	ND	ND	ND	ND	ND	ND	ND	ND
		2-3	ND	ND	ND	ND	ND	ND	ND	ND	ND
		3-4	ND	ND	ND	ND	ND	ND	ND	ND	ND
		4-5	ND	ND	ND	ND	ND	ND	ND	ND	ND
	SP 14	0-1	5500	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	5800	ND	ND	ND	ND	ND	ND	ND	ND
		2-3	4600	ND	ND	ND	ND	ND	ND	ND	ND
		3-4	5800	ND	ND	ND	ND	ND	ND	ND	ND
		4-5	2700	ND	ND	ND	ND	ND	ND	ND	ND

Burnett Oil Co., Inc

Location: JB 6 Waterline 1/24/22 Page: 8

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
2/12/2022	SP 15	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
		2-3	64	ND	ND	ND	ND	ND	ND	ND	ND
		3-4	ND	ND	ND	ND	ND	ND	ND	ND	ND
		4-5	ND	ND	ND	ND	ND	ND	ND	ND	ND

Burnett Oil Co., Inc

Location: JB 6 Waterline 1/24/22 Page: 9

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
8/5/2022	SP 1	0-1	64	ND	11	11	ND	ND	ND	ND	ND
		1-2	480								
		2-3	850								
		3-4	71								
		4-5	120								
	SP 2	0-1	4.5	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	7.7								
		2-3	130								
		3-4	120								
		4-5	120								

Burnett Oil Co., Inc

Location: JB 6 Waterline 1/24/22 Page: 10

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
8/5/2022	SP 3	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	ND								
		2-3	ND								
		3-4	refusal								
		4-5									
	SP 4	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	ND								
		2-3	ND								
		3-4	ND								
		4-5	ND								

Burnett Oil Co., Inc

Location: JB 6 Waterline 1/24/22 Page: 81

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
8/5/2022	SP 5	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	ND								
		2-3	ND								
		3-4	ND								
		4-5	ND								
	SP 6	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	ND								
		2-3	110								
		3-4	140								
		4-5	670								

Burnett Oil Co., Inc

Location: JB 6 Waterline 1/24/22 Page: 12

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
8/5/2022	SP 7	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	ND								
		2-3	ND								
		3-4	ND								
		4-5	91								
	SP 14	0-1	600	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	480	ND	ND	ND	ND	ND	ND	ND	ND
		2-3	300	ND	ND	ND	ND	ND	ND	ND	ND
		3-4	160	ND	ND	ND	ND	ND	ND	ND	ND
		4-5	170	ND	ND	ND	ND	ND	ND	ND	ND

BURNETT OIL CO., INC

August 2, 2022

Mike Bratcher
New Mexico Energy, Minerals & Natural Resources Oil Conservation Division,
Environmental Bureau - District 2
811 S. First St.
Artesia, NM 882L0

RE: Remediation Plan
Jackson B6 Tank Battery: Facility ID: fAPP2202156397
UL/H sec. 24 T17S R30E
Incident Number: nAPP2203854400

Mr. Bratcher:

The Jackson B6 Tank Battery is located approximately 3.2 miles Northeast of Loco Hills, New Mexico at UL/H sec. 24 T17S R30E. The site is located in an area of no known groundwater. Any potential groundwater is expected at depths greater than 300 ft. I contacted Atkins Engineering to set up a time to come and establish depth to ground water.

In the morning of **January 24, 2022** , there was a release of 17.5 barrels of fluid. We were unable to recover any of the fluid. The release occurred when a fuse in the waterline going from the Jackson B6 Tank Battery to the waterflood cracked. This occurred during sub-freezing temperatures. Our night security man spotted the water and contacted me. While on the phone with him getting details the lease operator showed up at his location and was able to get the release stopped. The release occurred at the top of a hill and created an overspray area and then the fluid ran into a water erosion path and followed that path to CR221. The BLM was notified by phone that day and a Release Notification was filed with the NMOCD on **2/7/2022**. The initial C-141 was submitted on **02/24/2022** via the web portal.

The formula for ground saturation was used to determine quantity of water spilled since this line was between metered locations. Form will be submitted.

Characterization Report

The following is a historical account of the actions that Burnett Oil Co., Inc (BOCI) has taken to date to address the release.

To remediate the impacted soil, Burnett Oil Co., Inc. has 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 until each sample point area comes within regulatory limits. During the treatment period, the probiotics and the fresh water will be able to begin remediating the hydrocarbons in the impacted area. The process is a water and proprietary blend of probiotics that are sprayed over the entire footprint to a point of

saturation. This is a topical application process. We typically do not use injection holes. The repeated process pushes the proprietary blend down with each application. We have seen good results from this process over the last six years and have had areas show re-growth while still receiving treatments. The area is resampled periodically to ensure effectiveness. The process continues until all levels are within regulatory limits

The bio-remediation process we use is effective but does require more time for treatment. This treatment is less invasive and better for the environment. In addition to being less impactful on the environment, this treatment also eliminates the safety concerns that would be associated with digging around tanks, and between operational vessels to remove contaminated soil.

Our confirmation sampling is done by sampling in the immediate area of each initial sample point. We do confirmation samples within 3' feet of the original sample point. We repeat this process of treatment and sampling until the sample areas becomes compliant.

On **2/12/2022** Aspen Grow collected samples from each sample point within the impacted areas. There were ten sample points identified. The highest level of chlorides encountered was at Sample Point 1 (SP1). That was a level of 15000 mg/kg chlorides at 2 to 3 feet. Most levels of TPH encountered were below 50 except for SP3 which had a level of 2600 at 1 to 2 feet.

BOCI believes that the depth to groundwater results will show that water is located below 100 feet.

BOCI will continue to treat this location with bio-remediation until all areas come within reclamation standards.

On **07/18/22** Atkins Engineering conducted a water well at our Jackson B72 location. There they drilled to a depth of 101 ft. without encountering water. The results of this finding will be submitted with this report and have been filed with the Office of the Engineer.

On **8/5/2022** Aspen Grow took new samples of the points that did not meet closure criteria during the initial sampling. SP1 Chlorides were within range except for at 2-3 ft where the levels where the highest at 15000. They tested at 850 mg/kg. SP2 came into compliance. SP3 Chlorides came within compliance. However, they did not give me a TPH reading to depth and I have requested it to verify that the TPH was taken care of at this level. I have requested they test that sample for TPH to depth. The met refusal here at 3 ft. SP4 and SP5 are in compliance. SP6 is compliance 0-4 ft., from 4-5 ft the chloride level was at 670 mg.kg which is okay. SP7 is in compliance and SP14 is right at the mark at 0-1 with a Chloride level of 600.

Request for Variance

Burnett Oil requests additional time to treat SP1 for Chlorides at the 2 -3 foot range, SP3 for TPH, and we will continue to treat SP14 to bring down the chlorides at surface even further. Burnett Oil requests a variance of 60 days to ensure proper treatment to bring all levels down. Burnett Oil is already seeing some vegetation regrowth inside the treatment area.

If you have any questions or require any additional information, I can be reached by phone at 575-706-5999 or via email at wburns@burnettoil.com

Sincerely,

Bryan Burns

HSE and Security Coordinator

Atkins
ENGINEERING ASSOCIATES INC.

2904 W 2nd St.
Roswell, NM 88201
voice: 575.624.2420
fax: 575.624.2421
www.atkinseng.com

July 8, 2022

DII-NMOSE
1900 W 2nd Street
Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record RA-13213 Pod-1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings RA-13213 Pod-1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

Lucas Middleton

Enclosures: as noted above

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE DII AUG 8 2022 PM 01:13

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD 1	n/a	RA-13213

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Burnett Oil Co,. Inc	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
87 Square Lake Rd., Loco Hills, NM	Loco Hills	NM	88255

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	49	35.80	N
	LONGITUDE	103	55	35.05	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

NE NE NW Sec, 24 T17S R20E NMPM

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
7/18/2022	7/18/2022	n/a	101	N/A

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 7/18/2022, 8/2/2022

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Hollow Stem Auger

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	101	±6.5	Boring-HSA	--	--	--	--

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

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4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	9	9	Sand, medium/fine-grained, poorly graded, Reddish Brown	Y ✓ N	
9	59	50	Sand, fine-grained, poorly graded, Tan	Y ✓ N	
59	70	11	Sand, fine-grained, poorly graded, Reddish Brown	Y ✓ N	
70	80	10	Sand, Fine-grained, poorly graded, with gravel (0.25") Brown	Y ✓ N	
80	101	21	Sandy Clay, Stiff, low plasticity, Brown	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface.

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PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Shane Eldridge, Cameron Pruitt

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jack Atkins — Jackie D. Atkins — 8/4/2022

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

PLUGGING RECORD

NOTE: **A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC**

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: RA-13213 POD 1

Well owner: Burnett Oil Co,. Inc Phone No.: 575-706-5999

Mailing address: 87 Square Lake Rd.

City: Loco Hills State: NM Zip code: 88255

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)

2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/23

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Cameron Pruitt

4) Date well plugging began: 8/2/2022 Date well plugging concluded: 8/2/2022

5) GPS Well Location: Latitude: 32 deg, 49 min, 35.80 sec
Longitude: 103 deg, 55 min, 35.05 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 101 ft below ground level (bgl), by the following manner: weighted tape

7) Static water level measured at initiation of plugging: n/a ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 7/11/2022

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

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10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0-10' Hydrated Bentonite	Approx. 15 gallons	17 gallons	Augers	
	10'-101' Drill Cuttings	Approx. 174 gallons	174 gallons	Boring	

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Jack Atkins

Signature of Well Driller

8/4/2022

Date

Version: September 8, 2009
Page 2 of 2

RA-1321_WR-20 Well Record and Log_-forsign

Final Audit Report 2022-08-04

Created:	2022-08-04
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAXRNqU49voO0SW-zl_svRH-0eSoUURNmf

"RA-1321_WR-20 Well Record and Log_-forsign" History

Document created by Lucas Middleton (lucas@atkinseng.com)
2022-08-04 - 9:54:17 PM GMT- IP address: 64.17.71.25

Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2022-08-04 - 9:54:45 PM GMT

Email viewed by Jack Atkins (jack@atkinseng.com)
2022-08-04 - 9:55:03 PM GMT- IP address: 64.90.153.232

Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2022-08-04 - 9:55:33 PM GMT - Time Source: server- IP address: 64.90.153.232

Agreement completed.
2022-08-04 - 9:55:33 PM GMT

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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 144046

CONDITIONS

Operator: BURNETT OIL CO INC 801 Cherry Street Unit #9 Fort Worth, TX 76102	OGRID: 3080
	Action Number: 144046
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	60 day extension approved. Closure report due on 02/11/2023	12/13/2022