Received by OCD: 9/14/2020 10:49:07 AM Form C-141 Page 6 Oil Conservation Division

	Pag	e 1 of 40
Incident ID	- "8	
District RP	2RP-4805	
Facility ID		
Application ID		

# 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. Title: <u>HSE and Security Coordinator</u> Printed Name: Bryan Burns Date: 9-11-20 Signature: email: \_\_wburns@burnettoil.com\_\_\_\_ Telephone: <u>575-706-5999</u> 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: Title: \_\_\_\_\_ Printed Name:



### August 31, 2020

Bradford Billings New Mexico Energy, Minerals & Natural Resources Oil Conservation Division, Environmental Bureau - District 2 1220 South St. Francis Drive Santa Fe, NM 87505

# RE: Closure Report Burnett Oil Co., Inc. – Grayburg Jackson San Andreas Unit 0022 Inj. Well UL/L sec. 14 T17S R30E

Mr. Bratcher

The above location is located approximately 2 miles northeast of Loco Hills, New Mexico at UL/L sec. 14 T17S R30E (API# 30-015-04148). The site is located in an area of no known groundwater.

On June 4, 2018, a release was discovered a release of 100 barrels of total fluid. The release occurred when a steel injection flowline ruptured, releasing fluid in the pasture approx. 200' North of the Gissler A #18 well location. The area impacted is 275'x5'-40' area in the pasture and on the pad. The BLM and the NMOCD were both notified of the release on June 4, 2018 with the initial C-141 being filed later that same day.

## **Corrective Measures**

On June 26, 2018 Burnett Oil Co., Inc. sampled the impacted area, and took the samples to an accredited lab for analytical analysis. 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. The impacted area of will be sampled during the process and treatment will be continued until impacted area comes into regulatory guidelines.



## August 31, 2020

On 8/12/19, the impacted area was delineated in three different locations (BH-1, BH-2, & BH-3). The boreholes all showed a decline in chlorides, with the bottom holes being below regulatory levels.

To remediate the impacted soil, Burnett Oil Co., Inc. enlisted the services of Aspen Grow LLC. to apply Probiotic compounds to the impacted area. Sample points were identified, and Aspen Grown LLC began remediating the release footprint with a water and pro-biotic compound. Aspen Grown LLC continued to treat the impacted footprint area of this release once a week starting Sept 2018, with periodic sampling to determine effectiveness. On August 14<sup>th</sup>, 2020 Aspen Grow re-sampled the impacted area. The attached lab results showed that the release was remediated to below regulatory standards. The area is also already showing good regrowth in both the travel path and pooling areas. Groundwater in this area is known to be below 300ft.

At this time, Burnett Oil Co., Inc. requests the closure of this remediation. Upon approval, BOCI will submit all proper closure documentation to the NMOCD and the BLM in accordance to the State and Federal Guidelines set forth. Site Map and Analytical tables will be attached. Lab reports and other documentation is available for email to prevent files being too large for portal submission.

Sincerely,

Bryan Burks HSE and Security Coordinator Burnett Oil Co., Inc. P.O. Box 188 / CR 220 North Loco Hills, NM 88255 (575)706-5999 wburns@burnettoil.com



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Page 5 of 40

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6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	Date
SP-3	SP-3	SP-3	SP-3	SP-2	SP-2	SP-2	SP-2	SP-1	SP-1	SP-1	SP-1	Sample ID
3'-4'	2'-3'	1'-2'	0-1'	3'-4'	2'-3'	1'-2'	0-1'	3'-4'	2'-3'	1'-2'	0-1'	Depth
11000	8500	6600	4000	15000	9100	7900	8700	8500	8200	5500	5300	Chloride
			ND				ND				ND	TPH - GRO
			ND				ND				ND	TPH - DRO
			ND				ND				ND	TPH-Total
			ND				ND				ND	Benzene
			ND				ND				ND	Toluene
			ND				ND				ND	Ethylbenzene
			ND				ND				ND	Xylene
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SP-6	SP-6	SP-5	SP-4	Sample ID								
1'-2'	0-1'	0-1'	'e-'8	7'-8'	6'-7'	5'-6'	4'-5'	3'-4'	2'-3'	1'-2'	0-1'	Depth
420	340	4200	14000	13000	11000	19000	0086	0086	10000	9700	5600	Chloride
	ND	ND									ND	TPH - GRO
	D	ND									ND	TPH - DRO
	ND	ND									ND	TPH-Total
	ND	ND									ND	Benzene
	ND	ND									ND	Toluene
	ND	ND									ND	Ethylbenzene
	ND	ND									ND	Xylene
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Location: GJSAU 22 Inj. Line 6.4.18

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Location: GJSAU 22 Inj. Line 6.4.18

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		6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	Date
		SP-6	Sample ID							
		9'-10'	'e-'8	7'-8'	6'-7'	5'-6'	4'-5'	3'-4'	2'-3'	Depth
		500	1100	1100	3500	8100	0008	3200	1200	Chloride
										TPH - GRO
										TPH - DRO
										TPH-Total
										Benzene
										Toluene
										Ethylbenzene
										Xylene
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Location: GJSAU 22 Inj. Line 6.4.18

Page:

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	8/13/2019	8/13/2019	8/13/2019	8/12/2019	8/12/2019	8/12/2019	8/12/2019	8/12/2019	8/12/2019	8/12/2019	8/12/2019	Date
9 BH-2	9 BH-2	9 BH-2	9 BH-2	9 BH-1	Sample ID							
20'	15'	10'	٥	41'	35'	30'	25'	20'	15'	10'	Ň	Depth
ND	450	7200	13,000	87	750	5200	5400	6500	4700	5100	2600	Chloride
												TPH - GRO
												TPH - DRO
												TPH-Total
												Benzene
												Toluene
												Ethylbenzene
												Xylene
												BTEX

				8/13/2019	8/13/2019	8/13/2019	Date	
		 	 	 019	019	019		
				BH-3	BH-3	BH-3	Sample ID	
				15'	10'	Ň	Depth	
				ND	ND	6200	Chloride	Table
							TPH - GRO	1 - Ana
							TPH - DRO	Table 1 - Analytical Results
							TPH-Total	Results
							Benzene	
							Toluene	
							Ethylbenzene	
							Xylene	
							BTEX	



BURNETT OIL CO., INC.

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GJSAU 22 Inj. Line 6.4.18

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		8/14/2020				2/28/2020					2/28/2020	Date	
		SP 3				SP 2					SP 1	Sample ID	
2-3	1-2	0-1	3-4	2-3	1-2	0-1	4-5	3-4	2-3	1-2	0-1	Depth	
2200	730	ND	3000	660	290	ND	2100	310	220	130	650	Chloride	Table
		ND				ND					ND	TPH - GRO	1 - Ana
		ND				ND					ND	TPH - DRO	Table 1 - Analytical Results
		ND				ND					ND	TPH-Total	Results
		ND				ND					ND	Benzene	
		ND				ND					ND	Toluene	
		ND				ND					ND	Ethylbenzene	
		ND				ND					ND	Xylene	
		ND				ND					ND	BTEX	

Page 10 of 40

BURNETT OIL CO., INC.

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		2/28/2020				2/28/2020					2/28/2020	Date	
		SP6				Sb2			SP4		SP3	Sample ID	
2-3	1-2	0-1	3-4	2-3	1-2	0-1	2-3	1-2	0-1	4-5	3-4	Depth	
ND	ND	ND	1400	320	ND	ND	7900	4400	530	6000	4400	Chloride	Table
		ND				ND			ND		ND	TPH - GRO	1 - Ana
		ND				ND			ND		ND	TPH - DRO	lytical I
		ND				ND			ND		ND	TPH-Total	Table 1 - Analytical Results
		ND				ND			ND		ND	Benzene	
		ND				ND					ND	Toluene	
		ND				ND					ND	Ethylbenzene	
		ND				ND					ND	Xylene	
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						2/28/2020	Date		BURNETT OIL CO., INC.
						SP6	Sample ID		DIL CO., INC.
				5-6	4-5	3-4	Depth		
				ND	ND	ND	Chloride	Table	
				ND	ND	ND	TPH - GRO TPH - DRO	Table 1 - Analytical Results	
				ND	ND	ND	TPH - DRO	lytical	Location:
				ND	ND	ND	TPH-Total	Results	GJSAU 22 Inj. Line 6.4.18
						ND	Benzene		i. Line 6.4.18
						ND	Toluene		
						ND	Ethylbenzene		
						ND	Xylene		Page:
						ND	BTEX		œ

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			8/14/2020				8/14/2020				8/14/2020	Date
			SP 3				SP 2				SP 1	Sample ID
3-4	2-3	1-2	0-1	3-4	2-3	1-2	0-1	3-4	2-3	1-2	0-1	Depth
96	180	100	110	ND	ND	ND	ND	ND	ND	ND	ND	Chloride
			105				103				107	TPH - GRO
			92.6				103				ND	TPH - DRO
			197.6				206				107	TPH-Total
												Benzene
												Toluene
												Ethylbenzene
												Xylene
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Page 13 of 40

BURNETT OIL CO., INC.

Location: GJSAU 22 Inj. Line 6.4.18

Table 1 - Analytical Results

Page:

9

		8/14/2020 SP 4	Date		BURNETT
		SP 4	Sample ID		BURNETT OIL CO., INC.
	1-2	0-1	Depth		
	ND	ND	Chloride	Table	
		107	TPH - GRO	1 - Ana	
		208	TPH - DRO	lytical	Location:
		315	Depth Chloride TPH - GRO TPH - DRO TPH-Total Benzene	Table 1 - Analytical Results	GJSAU 22 In
			Benzene		Location: GJSAU 22 Inj. Line 6.4.18
1					-

Page:

10

					8/14/2020				8/14/2020	Date
					Sb 2				SP 4	Sample ID
		3-4	2-3	1-2	0-1	3-4	2-3	1-2	0-1	Depth
		69	170	120	82	ND	ND	ND	ND	Chloride
					105				107	TPH - GRO
					ND				208	TPH - DRO
					105				315	TPH-Total
										Benzene
										Toluene
										Ethylbenzene
										Xylene
										BTEX

Received by OCD: 9/14/2020 10:49:07 AM

## Johnny Titsworth

From:	Boeke, Bruce <bboeke@blm.gov></bboeke@blm.gov>
Sent:	Thursday, March 28, 2019 9:58 AM
To:	Johnny Titsworth
Cc:	caweaver@blm.gov; Amos, James; Kyle Adams; Leslie Garvis
Subject:	Re: [EXTERNAL] LA 861896 - GJSAU 22 Inj. Line 6.4.18

To All:

According to my records there was an industry spill within archaeology site LA 86196. At that time the site was considered significant to protect. Because of the event the archaeology site was recently updated by a contract archaeology firm.

After review of the report, both the New Mexico Historic Preservation Office and the BLM agreed archaeology site LA 86196 no longer merits protection status. The downgrade of the site protection is not related to the spill but from other earlier independent events.

In sum, the archaeology staff has no concerns concerning the remediation methods within archaeology site LA 86196.

1

Bruce Boeke Lead Archaeologist Bureau of Land Management 620 E. Greene Street Carlsbad, NM 88220

575-234-5917

On Thu, Mar 28, 2019 at 9:39 AM Johnny Titsworth <<u>jtitsworth@burnettoil.com</u>> wrote:

Bruce

What is the status of this ARC study / remediation?

## Johnny Titsworth

HSE Coordinator

## Burnett Oil Co., Inc.

87 Square Lake Rd.

Loco Hills, NM 88255







**Project:** 

Lab ID:

**Analytical Report** Lab Order 2008844 Hall Environmental Analysis Laboratory, Inc. Date Reported: Client Sample ID: SP1 0'-1' CLIENT: Burnett Oil Co Inc Collection Date: 8/14/2020 GJSAU 22 (6-15-18) Matrix: SOIL Received Date: 8/15/2020 7:55:00 AM 2008844-001 Result RL Qual Units DF Date Analyzed Batch

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	×				Analyst	MRA
Chloride	ND	60	mg/Kg	20	8/21/2020 8:56:41 PM	54587
EPA METHOD 8015D MOD: GASOLINE RANG	θE				Analyst	DJF
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	8/16/2020 7:45:39 PM	54440
Surr: BFB	107	70-130	%Rec	1	8/16/2020 7:45:39 PM	54440
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	8/19/2020 9:21:19 PM	54509
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/19/2020 9:21:19 PM	54509
Surr: DNOP	97.0	30.4-154	%Rec	1	8/19/2020 9:21:19 PM	54509

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Ous	lifiers:	
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- D Sample Diluted Due to Matrix
- Value exceeds Maximum Contaminant Level. Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S
- Analyte detected in the associated Method Blank B Value above quantitation range E
- Analyte detected below quantitation limits J
- P Sample pH Not In Range
- Reporting Limit RL

Page 1 of 0

Hall E	nvironmental Analy	sis Laboratory, Inc	•			Analytical Report Lab Order 2008844 Date Reported:	
CLIENT: Project: Lab ID:	Burnett Oil Co Inc GJSAU 22 (6-15-18) 2008844-002	Matrix: SOIL	Collec	ample II tion Dat ived Dat	<b>e: 8</b> /1		
Analyses	3	Result	RL Qua	Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS	ND	60	mg/Kg	20	Analyst 8/21/2020 9:33:43 PM	: <b>MRA</b> 54587

<b>Oualifiers:</b>	*	Value exceeds Maximum Contaminant Leve	l.
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- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank Е Value above quantitation range
- Analyte detected below quantitation limits T
- Sample pH Not In Range Р
- RL Reporting Limit

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Page 2 of 0

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	t T I and Tak				Analytical Report Lab Order 2008844	
Hall Environmental Analy	sis Laboratory, Inc				Date Reported:	
CLIENT: Burnett Oil Co Inc		Clie	nt Sample II	): SP	1 2'-3'	
<b>Project:</b> GJSAU 22 (6-15-18)		Co	ollection Date	e: 8/1	4/2020	
Lab ID: 2008844-003	Matrix: SOIL	R	leceived Date	e: 8/1	5/2020 7:55:00 AM	
Analyses	Result	RL (	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	ND	60	mg/Kg	20	8/21/2020 9:46:04 PM	54587

Qual	lifiers:
Qua	miers.

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit Н
- ND
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В Е Value above quantitation range
- Analyte detected below quantitation limits J
- Sample pH Not In Range Р
- RL Reporting Limit

Page 3 of 0

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	hais I shoustowy Inc				Analytical Report Lab Order 2008844	
Hall Environmental Ana	lysis Laboratory, inc	•			Date Reported:	
CLIENT: Burnett Oil Co Inc		Clie	ent Sample II	D: SP	1 3'-4'	
<b>Project:</b> GJSAU 22 (6-15-18)		C	ollection Dat	e: 8/1	4/2020	
Lab ID: 2008844-004	Matrix: SOIL	I	Received Date	e: 8/1	5/2020 7:55:00 AM	
Analyses	Result	RL (	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: MRA
Chloride	ND	60	mg/Kg	20	8/21/2020 9:58:26 PM	54587

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Oua	lifiers:

- Value exceeds Maximum Contaminant Level.
  Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method BlankE Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 0

Hall Environmental Analysi	s Laboratory, Inc.		Analytical Report Lab Order 2008844 Date Reported:	
CLIENT:      Burnett Oil Co Inc        Project:      GJSAU 22 (6-15-18)        Lab ID:      2008844-005	Matrix: SOIL	Client Sample II Collection Dat Received Dat		
Analyses	Result	RL Qual Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				t: MRA

EPA METHOD 300.0: ANIONS					Analyst.	MIL VI
Chloride	ND	60	mg/Kg	20	8/21/2020 10:10:46 PM	54587
EPA METHOD 8015D MOD: GASOLINE RANG	<b>BE</b>				Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/17/2020 1:39:47 AM	54440
Surr: BFB	103	70-130	%Rec	1	8/17/2020 1:39:47 AM	54440
FPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst:	BRM
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS ND	10	mg/Kg	1	Analyst: 8/19/2020 9:45:47 PM	<b>BRM</b> 54509
Diesel Range Organics (DRO)		10 50	mg/Kg mg/Kg	1 1	, , , , , , , , , , , , , , , , , , , ,	
	ND		0 0	1 1 1	8/19/2020 9:45:47 PM	54509

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Oualifiers</b> :	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank	
Quanners:	D	Sample Diluted Due to Matrix	E	Value above quantitation range	
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range	Page 5 of 0
	PQL	Practical Quanitative Limit	RL	Reporting Limit	rage 5 01 0
	S	% Recovery outside of range due to dilution or matrix			

Hall Environmental Analy	vsis Laboratory, Inc	•			Analytical Report Lab Order 2008844 Date Reported:	
CLIENT: Burnett Oil Co Inc			Sample II	D: SP	2 1'-2'	
<b>Project:</b> GJSAU 22 (6-15-18)		Coll	ection Dat	e: 8/1	4/2020	
Lab ID: 2008844-006	Matrix: SOIL	Ree	ceived Dat	<b>e:</b> 8/1	5/2020 7:55:00 AM	
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: MRA
Chloride	ND	60	mg/Kg	20	8/21/2020 10:23:09 PM	1 54587

<b>Oualifiers</b> :	*	Value exceeds Maximum Contaminant Level.
Quantitation of	100	

- Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded н
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit PQL
- % Recovery outside of range due to dilution or matrix S
- Е Value above quantitation range

Analyte detected in the associated Method Blank

- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Page 6 of 0

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Hall Environmental An	alysis Laboratory, Inc	•			Date Reported:	
CLIENT: Burnett Oil Co Inc		Client	Sample II	: SP	2 2'-3'	
<b>Project:</b> GJSAU 22 (6-15-18)		Coll	ection Date	e: 8/1	4/2020	
Lab ID: 2008844-007	Matrix: SOIL	Re	ceived Date	e: 8/1	5/2020 7:55:00 AM	
Analyses	Result	RL Qu	ial Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: MRA
Chloride	ND	60	mg/Kg	20	8/21/2020 11:00:10 PI	M 54587

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- Value exceeds Maximum Contaminant Level. \* Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit Н
- ND
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В Е Value above quantitation range
- Analyte detected below quantitation limits J
- Sample pH Not In Range Р
- RL Reporting Limit

Page 7 of 0

Hall Environmental Analy	vsis Laboratory, Inc	•			Analytical Report Lab Order 2008844 Date Reported:	
CLIENT:      Burnett Oil Co Inc        Project:      GJSAU 22 (6-15-18)        Lab ID:      2008844-008	Matrix: SOIL	Col	t Sample II lection Date eceived Date	e: 8/1		
Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Chloride	ND	60	mg/Kg	20	Analys 8/21/2020 11:12:32 Pl	t: <b>MRA</b> A 54587

lifiers:

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

Е Value above quantitation range

Analyte detected in the associated Method Blank

- Analyte detected below quantitation limits J
- Р Sample pH Not In Range
- RL Reporting Limit

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Page 8 of 0

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Analytical Report Lab Order 2008844

Date Reported:

# Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SP3 0'-1' CLIENT: Burnett Oil Co Inc Collection Date: 8/14/2020 GJSAU 22 (6-15-18) **Project:** Received Date: 8/15/2020 7:55:00 AM 2008844-009 Matrix: SOIL Lab ID: Batch **DF** Date Analyzed **RL** Qual Units Result Analyses Analyst: MRA EPA METHOD 300.0: ANIONS 110 60 mg/Kg 20 8/21/2020 11:24:53 PM 54587 Chloride Analyst: DJF EPA METHOD 8015D MOD: GASOLINE RANGE 1 8/17/2020 3:37:39 AM 54440 ND 5.0 mg/Kg Gasoline Range Organics (GRO) 8/17/2020 3:37:39 AM 54440 %Rec 1 70-130 Surr: BFB 105 Analyst: BRM EPA METHOD 8015M/D: DIESEL RANGE ORGANICS mg/Kg 8/19/2020 10:10:19 PM 54509 9.5 1 Diesel Range Organics (DRO) ND 8/19/2020 10:10:19 PM 54509 mg/Kg 1 ND 47 Motor Oil Range Organics (MRO) 8/19/2020 10:10:19 PM 54509 %Rec 1 92.6 30.4-154 Surr: DNOP

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

()110	ifiers:

- Value exceeds Maximum Contaminant Level.
  D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
  E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 9 of 0

Hall Envi	ironmental Analy	sis Laboratory, Inc.	,			Analytical Report Lab Order 2008844 Date Reported:	
Project: GJ	urnett Oil Co Inc JSAU 22 (6-15-18) 08844-010	Matrix: SOIL	C	ent Sample ID ollection Date Received Date	<b>e:</b> 8/1		
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHC	DD 300.0: ANIONS	100	60	mg/Kg	20	Analyst: 8/21/2020 11:28:49 AM	

<b>Oualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
Quanners.	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range

- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- on limits
- RL Reporting Limit

Page 10 of 0

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					Analytical Report Lab Order 2008844	
Hall Environmental Anal	ysis Laboratory, Inc.		Date Reported:			
CLIENT: Burnett Oil Co Inc		Client S	ample II	): SP	3 2'-3'	
<b>Project:</b> GJSAU 22 (6-15-18)		Collec	tion Dat	e: 8/1	4/2020	
Lab ID: 2008844-011	Matrix: SOIL	Recei	ved Dat	e: 8/1	5/2020 7:55:00 AM	
Analyses	Result	RL Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: MRA
Chloride	180	60	mg/Kg	20	8/21/2020 12:05:51 PM	1 54594

lifiers:

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit Н
- ND
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank Value above quantitation range Е
- Analyte detected below quantitation limits J
- Р Sample pH Not In Range
- RL Reporting Limit

Page 11 of 0

Hall Environmental Analy	vsis Laboratory, Inc	•			Analytical Report Lab Order 2008844 Date Reported:	
CLIENT: Burnett Oil Co Inc Project: GJSAU 22 (6-15-18)		Clien Col	it Sample II llection Date	e: 8/1	4/2020	
Lab ID: 2008844-012	Matrix: SOIL	R	eceived Date	e: 8/1	5/2020 7:55:00 AM	
Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Chloride	96	61	mg/Kg	20	Analyst 8/21/2020 12:18:11 PM	

Qual	ifiers:
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- Value exceeds Maximum Contaminant Level.
  D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
  E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 12 of 0

CLIENT:      Burnett Oil Co Inc      Client Sample ID: SP4 0'-1'        Project:      GJSAU 22 (6-15-18)      Collection Date: 8/14/2020        Lab ID:      2008844-013      Matrix: SOIL      Received Date: 8/15/2020 7:5	55:00 AM
Project:      GJSAU 22 (6-15-18)      Collection Date: 8/14/2020	
CENERT: Danied on come	
Hall Environmental Analysis Laboratory, Inc. Date Repor	rted:
Analytica    Lab Order 1	-

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	ND	60	mg/Kg	20	8/21/2020 12:30:32 PM	54594
EPA METHOD 8015D MOD: GASOLINE RANG	E				Analyst	DJF
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	8/17/2020 5:36:07 AM	54440
Surr: BFB	107	70-130	%Rec	1	8/17/2020 5:36:07 AM	54440
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	BRM
Diesel Range Organics (DRO)	28	9.3	mg/Kg	1	8/20/2020 8:33:23 PM	54509
Motor Oil Range Organics (MRO)	180	46	mg/Kg	1	8/20/2020 8:33:23 PM	54509
Surr: DNOP	118	30.4-154	%Rec	1	8/20/2020 8:33:23 PM	54509

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Oua	lifiers:
Qua	mici 5.

- Value exceeds Maximum Contaminant Level. \* D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

Е Value above quantitation range

Analyte detected in the associated Method Blank

- Analyte detected below quantitation limits I
- Sample pH Not In Range Ρ
- RL Reporting Limit

В

Page 13 of 0

Hall Er	nvironmental Analy	sis Laboratory, Inc.				Analytical Report Lab Order 2008844 Date Reported:	
CLIENT: Project:	Burnett Oil Co Inc GJSAU 22 (6-15-18)		Client Sa Collect	ample II tion Dat			
Lab ID:	2008844-014	Matrix: SOIL		·		5/2020 7:55:00 AM	
Analyses		Result	RL Qual	Units	DF	Date Analyzed	Batch
EPA MET Chloride	HOD 300.0: ANIONS	ND	60	mg/Kg	20	Analyst 8/21/2020 12:42:53 PM	

0	ualifiers:	
v	uanners:	

\*

- Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank Е Value above quantitation range
- Analyte detected below quantitation limits J
- P Sample pH Not In Range
- Reporting Limit RL

B

Page 14 of 0

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Hall Environmental Analy	ysis Laboratory, Inc	•			Analytical Report Lab Order 2008844 Date Reported:	
CLIENT:      Burnett Oil Co Inc        Project:      GJSAU 22 (6-15-18)        Lab ID:      2008844-015	Matrix: SOIL	Col	t Sample II lection Date ceived Dat	e: 8/1		
Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Chloride	ND	60	mg/Kg	20	Analys 8/21/2020 1:19:55 PM	t: <b>MRA</b> 54594

Oua	lifiers:
	mici 5.

- Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В Е Value above quantitation range
- Analyte detected below quantitation limits J
- Sample pH Not In Range Р
- RL Reporting Limit

Page 15 of 0

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Hall Environmental Analy	sis Laboratory, Inc	2.			Analytical Report Lab Order 2008844 Date Reported:	
CLIENT:      Burnett Oil Co Inc        Project:      GJSAU 22 (6-15-18)        Lab ID:      2008844-016	Matrix: SOIL	Coll	t Sample II ection Date ceived Date	e: 8/1		
Analyses	Result	RL Qu	ial Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Chloride	ND	60	mg/Kg	20	Analys 8/21/2020 1:32:15 PM	t: <b>MRA</b> 54594

<b>Oualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank	
Quanners.	D	Sample Diluted Due to Matrix	E	Value above quantitation range	
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range	Daga

- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- RL Reporting Limit

Page 16 of 0

Hall Enviro	onmental Analys	sis Laboratory	, Inc.			Analytical Report Lab Order 2008844 Date Reported:	
<b>j</b> -	ett Oil Co Inc LU 22 (6-15-18) 844-017	Client Sample ID: SP5 0'-1'Collection Date: 8/14/2020Matrix: SOILReceived Date: 8/15/2020 7:55:00 AM					
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD : Chloride	300.0: ANIONS	82	60	mg/Kg	20	Analyst 8/21/2020 1:44:36 PM	: <b>MRA</b> 54594
EPA METHOD 8015D MOD: GASOLINE RANGE		IE RANGE				Analyst	DJF
Gasoline Range Surr: BFB	e Organics (GRO)	ND 105	5.0 70-130	mg/Kg %Rec	1 1	8/17/2020 7:34:04 AM 8/17/2020 7:34:04 AM	54440 54440

ND

ND

94.9

9.9

49

30.4-154

mg/Kg

mg/Kg

%Rec

1

1

1

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

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Ou	12	lif	ier	·S:

Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix

EPA METHOD 8015M/D: DIESEL RANGE ORGANICS

Diesel Range Organics (DRO)

Surr: DNOP

Motor Oil Range Organics (MRO)

- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit POL
- % Recovery outside of range due to dilution or matrix S
- Е Value above quantitation range
- J Analyte detected below quantitation limits

Analyte detected in the associated Method Blank

- Р Sample pH Not In Range
- RL Reporting Limit

В

Page 17 of 0

Analyst: BRM

54511

54511

54511

8/19/2020 1:56:47 PM

8/19/2020 1:56:47 PM

8/19/2020 1:56:47 PM

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Hall Environmental Analy	vsis Laboratory, Inc				Analytical Report Lab Order 2008844 Date Reported:	
CLIENT:      Burnett Oil Co Inc        Project:      GJSAU 22 (6-15-18)        Lab ID:      2008844-018	Matrix: SOIL	Colle	Sample II ction Dat eived Dat	e: 8/1		
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Chloride	120	60	mg/Kg	20	Analys 8/21/2020 1:56:57 PM	t: <b>MRA</b> 54594

0	11.01
Oua	lifiers:

- Value exceeds Maximum Contaminant Level.
  D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

E Value above quantitation range

Analyte detected in the associated Method Blank

- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

В

Page 18 of 0

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Hall En	vironmental Analys	sis Laboratory, Inc.					Analytical Report Lab Order 2008844 Date Reported:	
CLIENT: Project: Lab ID:	Burnett Oil Co Inc GJSAU 22 (6-15-18) 2008844-019	Matrix: SOIL	С	ollecti		e: 8/1	5 2'-3' 4/2020 5/2020 7:55:00 AM	
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA MET Chloride	HOD 300.0: ANIONS	170	60		mg/Kg	20	Analys 8/21/2020 2:09:18 PM	t: MRA 54594

Qua	lifiers:
Qua	miller 5.

- Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix D
- н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В Value above quantitation range Е
- Analyte detected below quantitation limits
- J P Sample pH Not In Range
- RL Reporting Limit

Page 19 of 0

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Hall Environmental Analy	vsis Laboratory, Inc.				Analytical Report Lab Order 2008844 Date Reported:	
CLIENT: Burnett Oil Co Inc Project: GJSAU 22 (6-15-18)		Client Sa Collect	ample II tion Dat			
Lab ID: 2008844-020	Matrix: SOIL	Matrix: SOIL Received Date: 8/15/2020 7:55:00 AM				
Analyses	Result	RL Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS Chloride	69	60	mg/Kg	20	Analysi 8/21/2020 2:21:40 PM	t: <b>MRA</b> 54594

Qualifiers:

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S
- Analyte detected in the associated Method Blank В Value above quantitation range Е
- Analyte detected below quantitation limits J
- P Sample pH Not In Range
- RL Reporting Limit

Page 20 of 0

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Page 6 Oil Conservation Division

	Page 38 of 40.
Incident ID	NAB1816438422
District RP	2RP-4805
Facility ID	
Application ID	

# 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:Bryan Burns		Title: <u>HSE and Security Coordinator</u>	
Signature: By Bun	Date: _	9-11-20	
email:wburns@burnettoil.com		Telephone: <u>575-706-5999</u>	
OCD Only			
Received by: <u>Robert Hamlet</u>		Date: 2/23/2021	
Closure approval by the OCD does not relieve the responsible party or remediate contamination that poses a threat to groundwater, surface w party of compliance with any other federal, state, or local laws and/or	vater, hu	uman health, or the environment nor does not relieve the respo	
Closure Approved by: <u>Robert Hamlet</u>		Date: 2/23/2021	
Printed Name: Robert Hamlet	_	Title: <u>Environmental Specialist</u> - Advanced	1

. •

From:	Hamlet, Robert, EMNRD
To:	"William Bryan Burns"
Cc:	Bratcher, Mike, EMNRD; Eads, Cristina, EMNRD; Hensley, Chad, EMNRD
Subject:	Closure Approval - Burnett Oil - Grayburg Jackson San Andreas Unit 22 Inj. Line - (Incident #NAB1816438422)
Date:	Tuesday, February 23, 2021 11:18:00 AM
Attachments:	Closure Approval - Burnett Oil - Grayburg Jackson San Andreas Unit 22 Inj. Line - (NAB1816438422).pdf

### William,

We have received your closure report and final C-141 for <u>Incident #NAB1816438422</u> Grayburg Jackson San Andreas Unit 22 Inj. Line, thank you. This closure is approved.

Please let me know if you have any further questions.

Regards,

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau EMNRD - Oil Conservation Division 811 S. First Street | Artesia, NM 88210 575.909.0302 | robert.hamlet@state.nm.us http://www.emnrd.state.nm.us/OCD/



CONDITIONS

Action 10160

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 OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
BURNETT OIL CO INC 801 Cherry Street Unit #9	3080	10160	C-141
Suite 1500 Fort Worth, TX76102			
OCD Reviewer Condition			

rhamlet We have received your closure report and final C-141 for Incident #NAB1816438422 Grayburg Jackson San Andreas Unit 22 Inj. Line, thank you. This closure is approved.