

March 17, 2016

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

RE: Corrective Action Plan
Burnett Oil Co., Inc. - Gissler A 13
UL/B sec. 14 T17S R30E

Mr. Bratcher

The above location is located approximately 2 miles northeast of Loco Hills, New Mexico at UL/B sec. 14 T17S R30E. The site is located in an area of no known groundwater.

On December 10, 2015 a release was discovered of 40 barrels of produced water. The release occurred when a steel injection line going to the Gissler A 13 WIW (API # 30-015-25683) ruptured and come to surface. The release impacted a 20'x30' area around the wellhead and a 75'x2' with a 15' pooling area. The BLM and the NMOCD were both notified of the release on December 10, 2015 with the initial C-141 being filed on the same day.

On February 8, 2016, Burnett Oil Co., Inc. collected initial samples at three different sample points. The samples were taken to a commercial laboratory for testing.

Corrective Action Plan

To remediate the chloride impacted soil, Burnett Oil Co., Inc. would like to work the impacted area with chloride bonding agents, flush the area with fresh water and drive the chlorides approximately 3' below surface level allowing for regrowth of vegetation. After each installment of binding agents, Burnett Oil Co., Inc. will collect samples for verification of remediation success. Once chlorides have been pushed below the root zone the area will be reseeded with BLM #2 seed mix, and the area will be observed until sufficient regrowth occurs.



March 17, 2016

Following the approval of the plan and after the remediation has taken place, Burnett Oil Co., Inc. will submit all proper closure documentation to the NMOCD and the BLM in accordance to the State and Federal Guidelines set forth.

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

Sincerely,

Johnny Titsworth

HSE Coordinator

Burnett Oil Co., Inc.

P.O. Box 188 / CR 220 North

Loco Hills, NM 88255

(432)-425-2891

Email: jtitsworth@burnettoil.com

District 1 1625 N. French Dr., Hobbs, NM 88240 District II

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

Revised August 8, 2011

Form C-141

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

			Rele	ease Notific	ation	and Co	rrective A	ction		
						OPERAT		X Initia	l Report	Final Report
Name of Co	mpany Bu	urnett Oil Co. In	C.			Contact Les				
AddressBurr	ett Plaza -St	e 1500, 801 Ch	erry St - U	nit 9, Ft. Worth, TX			No. 817-583-8730 e Injection Well)		
Facility Nar	ne Gissler	A 13				Facility Typ	e injection wen			
Surface Ow	ner BLM			Mineral C)wner	BLM		API No	. 30-015-2	5683
				LOCA	ATION	OF REI	LEASE			
Unit Letter	Section	Township	Range	Feet from the	-	South Line	Feet from the	East/West Line	County	
В	14	175	30E	660	No	orth	1980	East	Eddy	
			La	titude		_ Longitud	le	System sind delimination of the second of th		
				NAT	URE	OF REL				
Type of Rele	ase Produ	ced Water				Volume of	Release 40 bbls	Volume F ed 2/10/15 080 Date and		35 bls
		k in Injection Lir	16			If YES, To		gerions wordate and	riour or Disc	20 very 12 10/13 0000
Was Immedi	ate Notice (Jiven?	Yes [] No □ Not R	equired	BLM - S.Ti	icker, OCD - H. Pa	tterson		
By Whom?	Leslie Garvi	S		-			Iour 1249 12/10/			
Was a Water		ched?				If YES, V	olume Impacting	the Watercourse.		
			Yes [No No		IND				
If a Waterco	urse was Im	pacted, Descr	ibe Fully.	*						
N/A										
		1 17	11 1 4 at	T-1 8						
Describe Ca One inch bu	use of Probl ried injection	lem and Reme	flood to inje	on Taken.* ection well ruptured	Operator	was on site w	hen pipe ruptured a	and the pump at the v	vater station v	vas immediately turned
off. The line	was repaired	and well was r	eturned to	injection.						
Dagariba Ar	an Affected	and Cleanup	Action Ta	ken *	***************************************					
Shallow berr	ns were dua	in order to cont	ain the rele	ase on the location	therefore	the produced	water did not leave	the well pad. A vac t	ruck was used	d to collect the produced
water and 35	bbls were re	ecovered. Reme	ediation wil	l begin as per BLM	& OCD st	andards once	remediation plan ha	as been approved.		
I hereby cer	ify that the	information g	iven abov	e is true and com	plete to t	he best of my	knowledge and	understand that pur	suant to NM	OCD rules and
1-4	II amanatan	ore required	to ranget o	ind/or file certain	release r	otifications a	ind perform corre	ctive actions for re-	eases which	may changer
1.11 1	a an elea arre	ironmont Th	a accoming	oce of a C-141 rer	wart hy th	e NMOCD n	narked as Tinai i	keport does not re	leve the ope	rator or madinity
should their	operations	have failed to	adequatei	y investigate and	remedia	le comamna loes not relie	ve the operator of	reat to ground water responsibility for o	compliance v	with any other
federal state	onment. III	aws and/or reg	ulations.	planee of a c 11	· · cporr ·					
rederat, state	//			1.			OIL CON	ISERVATION	DIVISIO	<u>ON</u>
9	fall.	;	ari	6						
Signature:	any					Ammorrad b	y Environmental	Spacialist:		
Printed Nan	Leslie G	arvis				Approved by	y Environmental	эрссіаны.		
5-	gulatory Coor	rdinator				Approval D	ate:	Expiration	Date:	
Title: Re										
E-mail Add	ress: lgarv	is@burnettoil.c	om			Conditions	of Approval:		Attached	1 🗆
12/10	7/15		Phon	e. 817-583-8730	niphi papan					

^{*} Attach Additional Sheets If Necessary

APT 30-015-25683 2/8/16 Gissler A 13 70-5 A 11-1 buried in line 8 75' 32, 83995 32, 83984 32, 83975 103,94040 -103,9465> -103,94076 QH-1 0-1 1-0 5-4A AH-3 0-1 1-1,5' 1-1.5' 1-15 2-2.5 2'-2.5' 2'7.5' 2,5'-3' 3'-35 3-3,5 41-45 3,5-4 * Refusal 5-55 * Relusal * Refuse1

Rite in the Rain.



Table 1 - Analytical Results

г			_		T	Т				$\overline{}$	$\neg \tau$	7		
BTEX														
Xylene													*	
thylbenzen														
Toluene E														
Benzene														
TPH - DRO														
TPH - GRO TPH - DRO							5						2	
Chloride	1330	0 0	TPPO	1800	3080	512	672	1380		1340	7120	3960	160	1320
Depth	-1-0	1 .	11.5	2'-2.5'	2.5'-3'	0-1,	1'-1.5'	7'_2 5'		3'-3.5'	3.5'-4'	0-1		2'-2.5'
Sample ID		1	AH-1	AH-1	AH-1	AH-2	AH-2	C = <	AII-2	AH-2	AH-2	VH-3	S-HV	AH-3
Date	3100/0/0	7/0/2010	2/8/2016	2/8/2016	2/8/2016	2/2/2/2	2/2/2/2	2101/0/2	7/0/7010	2/8/2016	2/8/2016	3100/0/6	2/0/2016	2/8/2016



Table 1 - Analytical Results

_			1				 		
ВТЕХ				ż					
Xylene									
Toluene :thylbenzen Xylene								,	
Toluene									-
Benzene									
TPH - DRO									
Chloride TPH - GRO TPH - DRO									
Chloride	1390	1230	2920						
Depth	3'-3.5'	4'-4.5'	5'-5.5'						
Sample ID	AH-3	AH-3	AH-3						
Date	2/8/2016	2/8/2016	2/8/2016						



February 14, 2016

JOHNNY TITSWORTH
Burnett Oil Co., Inc
P. O. BOX 188
LOCO HILLS, NM 88255

RE: GISSLER A #13 WIW

Enclosed are the results of analyses for samples received by the laboratory on 02/09/16 13:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Burnett Oil Co., Inc JOHNNY TITSWORTH P. O. BOX 188 LOCO HILLS NM, 88255 Fax To: None

Received:

02/09/2016

02/14/2016

Project Name:

Reported:

GISSLER A #13 WIW

Project Number:

NONE GIVEN

Project Location:

Analyte

Analyte

Analyte

Analyte

EDDY COUNTY, NM

Sampling Date:

BS

432

BS

432

432

02/08/2016

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: AH-1 0-1' (H600286-01)

Chloride, SM4500Cl-B

mg/kg

Result

1330

Analyzed By: AP

Reporting Limit

16.0

Method Blank Analyzed

02/12/2016

Analyzed

% Recovery 108

True Value QC 400

Qualifier

0.00

RPD

Sample ID: AH-1 1-1.5' (H600286-02)

Chloride, SM4500Cl-B

Analyzed By: AP

ND

Method Blank

ND

ND

% Recovery

Qualifier

Chloride

Chloride

Chloride

Chloride

Result 1560

Result

1800

Result

3080

16.0

Reporting Limit

Reporting Limit

16.0

Reporting Limit

16.0

02/12/2016

108

True Value QC 400

RPD 0.00

Sample ID: AH-1 2-2.5' (H600286-03)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Analyzed

02/12/2016

BS Method Blank

% Recovery 108

True Value QC

400

RPD

0.00

Qualifier

Sample ID: AH-1 2.5-3' (H600286-04)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Analyzed

02/12/2016

Method Blank

ND

BS 432 % Recovery 108

True Value QC 400

RPD 0.00 Qualifier

Cardinal Laboratories

*=Accredited Analyte

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Celey Theena



Burnett Oil Co., Inc JOHNNY TITSWORTH P. O. BOX 188 LOCO HILLS NM, 88255 None

Fax To:

Received:

02/09/2016

Reported:

02/14/2016

Project Name:

GISSLER A #13 WIW

Project Number:

Project Location:

Analyte

Analyte

Analyte

Analyte

Analyte

NONE GIVEN

EDDY COUNTY, NM

Reporting Limit

16.0

Reporting Limit

Reporting Limit

16.0

Reporting Limit

16.0

Reporting Limit

16.0

Sampling Date:

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

02/08/2016

Sample ID: AH-2 0-1' (H600286-05)

Chloride,	SM4500Cl-B
-----------	------------

mg/kg

Result

512

Analyzed By: AP

Method Blank

ND

BS

432

% Recovery

108

True Value QC 400

RPD

0.00

Qualifier

Sample ID: AH-2 1-1.5' (H600286-06)

Chi	lori	do	SM	450	oct	-R

Analyzed

Analyzed

02/12/2016

Analyzed

02/12/2016

Analyzed By: AP

Method Blank

% Recovery

True Value QC

RPD

Qualifier

Chloride

Chloride

Chloride

Chloride

Chloride

672

Result

1380

Result

1340

Result

02/12/2016 16.0

ND

ND

BS 432

400

0.00

Sample ID: AH-2 2-2.5' (H600286-07)

Chloride, SM4500Cl-B

Analyzed By: AP

Method Blank BS

432

% Recovery 108

108

True Value QC 400

RPD

Qualifier

0.00

Sample ID: AH-2 3-3.5' (H600286-08)

Chloride, SM4500Cl-B

Analyzed By: AP

Analyzed 02/12/2016

Analyzed

02/12/2016

Method Blank ND

BS 432

432

% Recovery 108

108

True Value QC

Qualifier

0.00

RPD

Sample ID: AH-2 3.5-4' (H600286-09)

Chloride, SM4500Cl-B

Result

7120

Analyzed By: AP

Method Blank

ND

BS % Recovery True Value QC

400

400

RPD

0.00

Qualifier

Cardinal Laboratories

*=Accredited Analyte

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Celeg to treene

Celey D. Keene, Lab Director/Quality Manager



Burnett Oil Co., Inc JOHNNY TITSWORTH P. O. BOX 188 LOCO HILLS NM, 88255 None

Fax To:

Received:

02/09/2016

Reported:

02/14/2016

Project Name:

GISSLER A #13 WIW

Project Number:

Analyte

NONE GIVEN

Project Location:

EDDY COUNTY, NM

Sampling Date:

Sampling Type:

02/08/2016 Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: AH-3 0-1' (H600286-10)

Chloride,	SM4500Cl-B

Chloride

mg/kg

Result

3960

160

Analyzed By: AP

Analyzed

02/12/2016

Analyzed

Analyzed

Analyzed

02/12/2016

Analyzed

02/12/2016

Method Blank

ND

Method Blank

BS

% Recovery True Value QC RPD

Qualifier

Sample ID: AH-3 1-1.5' (H600286-11)

Chloride, SM4500Cl-B

Reporting Limit

16.0

Reporting Limit

Reporting Limit

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed By: AP

108

400

0.00

Analyte Result

Chloride

02/12/2016 16.0

ND

BS 432

432

% Recovery 108

True Value QC 400

Qualifier

RPD 0.00

Sample ID: AH-3 2-2.5' (H600286-12)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Chloride

Chloride

Chloride

Result 1620

02/12/2016 16.0

Method Blank ND

BS 432 % Recovery 108

True Value QC

RPD

Qualifier

Analyte

Analyte

Analyte

Result

1390

Result

1230

400

0.00

Sample ID: AH-3 3-3.5' (H600286-13)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP Method Blank

ND

Method Blank

ND

BS

432

BS

432

% Recovery

108

True Value QC

RPD

0.00

Oualifier

Analyzed By: AP

400

0.00

Sample ID: AH-3 4-4.5' (H600286-14)

Chloride, SM4500Cl-B

% Recovery

108

True Value QC

400

RPD Qualifier

Cardinal Laboratories

*=Accredited Analyte

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Celeg Theene

Celey D. Keene, Lab Director/Quality Manager



Burnett Oil Co., Inc JOHNNY TITSWORTH P. O. BOX 188 LOCO HILLS NM, 88255 None

Fax To:

Received:

02/09/2016

Reported:

02/14/2016

NONE GIVEN

Project Name:

GISSLER A #13 WIW

Project Number: Project Location:

Analyte

EDDY COUNTY, NM

Sampling Date:

02/08/2016

Soil

Sampling Type: Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: AH-3 5-5.5' (H600286-15)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Reporting Limit

Analyzed

Method Blank

BS

% Recovery

True Value QC

Qualifier

Chloride

Result

400

2920

16.0

02/12/2016

ND

432

108

RPD 0.00

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



ND

Notes and Definitions

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Analyte NOT DETECTED at or above the reporting limit

Cardinal Laboratories

*=Accredited Analyte

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Celey & Keene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name: Bushett Oct Co Inc	BILL TO	ANALYSIS REQUEST
Project Manager: Jahrany 1764-2017	P.O. #:	
Address: P.O Ben 158	Company:	
City: Low Hill State: NM Zip: 88255	Altn:	
Phone #: (432) 425 - 2841 Fax #:	Address:	
Project #: Project Owner:	City:	
Project Name: Chasher A 13 WIW	State: Zip:	
(C. 2)	Phone #:	
Sampler Name: Johnson Tres worth	Fax #:	
на дення поставляння на поставляння на пределення на пределения на преде	PRESERV. SAMPLING	
TER	1145	801
TAINE	ASE OOL	PH
W608286 G)RAE # CON GROUWASTE SOIL OIL SLUDGE	OTHER ACID/E ICE / C OTHER DATE TIME	
AH-1 0-1 Gme X	_ ×.	
3 AH-1 2:2.53		
2.40		
7H-2		
Q AH 2 3.5.4		
PLEASE NOTE: I saliday and Camagos Cardinada saladay and damits or classes remains for any class returns who have been available to the	action to final to finally to the ancount good by the clean tell the	
out of or regard to the performance of the following to	s, bras et use, or bask et proléte espréed by client, as authoritisses on is bahari upon any et the above statest receives or otherwise. Phone Result:	Yes
<i>a</i>	HEMARKS:	□ Yes □ No
Time:		

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

proc 2

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

(3/3) 333-6360 : 73 (3/3) 333 647 3		
Company Name: Report On Co Inc.	BILL TO	ANALYSIS REQUES!
Project Manager: Johnny Stable ort.	P.O. #:	
Address: P.O. Box 188	Company:	
City: Luco 1411 b State: NM Zip: 88255	Altn:	
Phone #: (432) 475-786/1 Fax #:	Address:	
Project 0wner:	City:	
Project Name: Gassive A 13 WIW	State: Zip:	
Project Location: Eddy C. N.A.	Phone #:	
Sampler Name: Johnson 1995 1909 th	1	
	PRESERV SAMPLING	
Lab I.D. Sample I.D. (G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER ACID/BASE: ICE COOL OTHER	Chloridys TPH BUI
4	× 2181°	
PLEASE NOTE. Collety and Demaglia. Calcitant's beliefly met id-well, surfaces accounting to any claim action about to control to lot shall be hailed in the account food by the off of the same plants. The collection is a surface of the collection and the surface of the collection and the surface of the collection and	At the text attail to landed to the amount speed by the clear it was necessarily content to the clear the content to the clear to the clea	15 MC 20 Mc
Albique or successors unora out of an industrial to the participance of screeness becoming by Godfond, organises of industrial to the Repeived By: Refinquished By: Time:	Phone Result: Fax Result: REMARKS:	esult: Yes No Add'l Phone #: .lt: Yes No Add'l Fax #: (S)

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: