

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Johnny Titsworth
Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland, TX 79705

Project: Gissler A 2 Battery (GA2)

Project Number: 6

Location: Loco Hills, NM

Lab Order Number: 6F26010



NELAP/TCEQ # T104704156-13-3

Report Date: 07/06/16

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP1-0'-1'	6F26010-01	Soil	06/23/16 00:00	06-24-2016 17:00
SP1-1'-1.5'	6F26010-02	Soil	06/23/16 00:00	06-24-2016 17:00
SP1-2'-2.5'	6F26010-03	Soil	06/23/16 00:00	06-24-2016 17:00
SP1-3'-3.5'	6F26010-04	Soil	06/23/16 00:00	06-24-2016 17:00
SP2-0'-1'	6F26010-05	Soil	06/23/16 00:00	06-24-2016 17:00
SP3-0'-1'	6F26010-06	Soil	06/23/16 00:00	06-24-2016 17:00
SP4-0'-1'	6F26010-07	Soil	06/23/16 00:00	06-24-2016 17:00
SP5-0'-1'	6F26010-08	Soil	06/23/16 00:00	06-24-2016 17:00
SP5-1'-1.5'	6F26010-09	Soil	06/23/16 00:00	06-24-2016 17:00
SP5-2'-2.5'	6F26010-10	Soil	06/23/16 00:00	06-24-2016 17:00
SP5-3'-3.5'	6F26010-11	Soil	06/23/16 00:00	06-24-2016 17:00
SP5-4'-4.5'	6F26010-12	Soil	06/24/16 00:00	06-24-2016 17:00
SP5-5'-5.5'	6F26010-13	Soil	06/23/16 00:00	06-24-2016 17:00
SP6-0'-1'	6F26010-14	Soil	06/23/16 00:00	06-24-2016 17:00
SP6-1'-1.5'	6F26010-15	Soil	06/23/16 00:00	06-24-2016 17:00
SP6-2'-2.5'	6F26010-16	Soil	06/23/16 00:00	06-24-2016 17:00
SP6-3'-3.5'	6F26010-17	Soil	06/23/16 00:00	06-24-2016 17:00
SP6-4'-4.5'	6F26010-18	Soil	06/24/16 00:00	06-24-2016 17:00
SP6-5'-5.5'	6F26010-19	Soil	06/23/16 00:00	06-24-2016 17:00
SP7-0'-1'	6F26010-20	Soil	06/23/16 00:00	06-24-2016 17:00
SP7-1'-1.5'	6F26010-21	Soil	06/23/16 00:00	06-24-2016 17:00
SP7-2'-2.5'	6F26010-22	Soil	06/23/16 00:00	06-24-2016 17:00
SP7-3'-3.5'	6F26010-23	Soil	06/23/16 00:00	06-24-2016 17:00
SP7-4'-4.5'	6F26010-24	Soil	06/24/16 00:00	06-24-2016 17:00
SP7-5'-5.5'	6F26010-25	Soil	06/23/16 00:00	06-24-2016 17:00
SP7-6'-6.5'	6F26010-26	Soil	06/24/16 00:00	06-24-2016 17:00
SP7-7'-7.5'	6F26010-27	Soil	06/24/16 00:00	06-24-2016 17:00
SP8-0'-1'	6F26010-28	Soil	06/23/16 00:00	06-24-2016 17:00
SP8-1'-1.5'	6F26010-29	Soil	06/23/16 00:00	06-24-2016 17:00
SP8-2'-2.5'	6F26010-30	Soil	06/23/16 00:00	06-24-2016 17:00
SP8-3'-3.5'	6F26010-31	Soil	06/23/16 00:00	06-24-2016 17:00
SP8-4'-4.5'	6F26010-32	Soil	06/23/16 00:00	06-24-2016 17:00
SP8-5'-5.5'	6F26010-33	Soil	06/23/16 00:00	06-24-2016 17:00
SP8-6'-6.5'	6F26010-34	Soil	06/23/16 00:00	06-24-2016 17:00

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP8-7'-7.5'	6F26010-35	Soil	06/23/16 00:00	06-24-2016 17:00
SP8-8'-8.5'	6F26010-36	Soil	06/23/16 00:00	06-24-2016 17:00
SP8-9'-9.5'	6F26010-37	Soil	06/23/16 00:00	06-24-2016 17:00

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP1-0'-1'
6F26010-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	5000	5.38	mg/kg dry	5	P6F3008	06/30/16	06/30/16	EPA 300.0	
% Moisture	7.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP1-1'-1.5'
6F26010-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	1860	5.38	mg/kg dry	5	P6F3008	06/30/16	07/01/16	EPA 300.0	
% Moisture	7.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP1-2'-2.5'
6F26010-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	452	1.03	mg/kg dry	1	P6F3008	06/30/16	07/01/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP1-3'-3.5'
6F26010-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	4320	5.21	mg/kg dry	5	P6F3008	06/30/16	06/30/16	EPA 300.0	
% Moisture	4.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP2-0'-1'
6F26010-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	4800	27.8	mg/kg dry	25	P6F3008	06/30/16	07/01/16	EPA 300.0	
% Moisture	10.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP3-0'-1'
6F26010-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	514	1.06	mg/kg dry	1	P6F3008	06/30/16	07/01/16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP4-0'-1'
6F26010-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	1770	10.1	mg/kg dry	10	P6F3008	06/30/16	07/01/16	EPA 300.0	
% Moisture	1.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP5-0'-1
6F26010-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	1380	5.32	mg/kg dry	5	P6F3008	06/30/16	07/01/16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP5-1'-1.5'
6F26010-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	7270	27.5	mg/kg dry	25	P6F3008	06/30/16	07/01/16	EPA 300.0	
% Moisture	9.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP5-2'-2.5'
6F26010-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	2620	28.1	mg/kg dry	25	P6F3008	06/30/16	07/01/16	EPA 300.0	
% Moisture	11.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP5-3'-3.5'
6F26010-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	2080	11.1	mg/kg dry	10	P6F3008	06/30/16	07/01/16	EPA 300.0	
% Moisture	10.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP5-4'-4.5'
6F26010-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	262	1.12	mg/kg dry	1	P6F3008	06/30/16	07/01/16	EPA 300.0	
% Moisture	11.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP5-5'-5.5'
6F26010-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	286	1.14	mg/kg dry	1	P6F3008	06/30/16	07/01/16	EPA 300.0	
% Moisture	12.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP6-0'-1'
6F26010-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	3920	26.6	mg/kg dry	25	P6F3008	06/30/16	07/01/16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP6-1'-1.5'
6F26010-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	4270	26.6	mg/kg dry	25	P6F3008	06/30/16	07/01/16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP6-2'-2.5'
6F26010-16 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	5000	26.3	mg/kg dry	25	P6F3008	06/30/16	07/01/16	EPA 300.0	
% Moisture	5.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP6-3'-3.5'
6F26010-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	5650	30.9	mg/kg dry	25	P6F3008	06/30/16	07/01/16	EPA 300.0	
% Moisture	19.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP6-4'-4.5'
6F26010-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	6590	26.9	mg/kg dry	25	P6F3008	06/30/16	07/01/16	EPA 300.0	
% Moisture	7.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP6-5'-5.5'
6F26010-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	5270	26.6	mg/kg dry	25	P6F3008	06/30/16	07/01/16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP7-0'-1'
6F26010-20 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	4460	28.7	mg/kg dry	25	P6G0112	07/01/16	07/01/16	EPA 300.0	
% Moisture	13.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP7-1'-1.5'
6F26010-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	1930	10.3	mg/kg dry	10	P6G0112	07/01/16	07/01/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP7-2'-2.5'
6F26010-22 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	2840	10.4	mg/kg dry	10	P6G0112	07/01/16	07/01/16	EPA 300.0	
% Moisture	4.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP7-3'-3.5'
6F26010-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	1520	5.15	mg/kg dry	5	P6G0112	07/01/16	07/01/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP7-4'-4.5'
6F26010-24 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	1600	10.3	mg/kg dry	10	P6G0112	07/01/16	07/01/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP7-5'-5.5'
6F26010-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	1920	10.3	mg/kg dry	10	P6G0112	07/01/16	07/01/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP7-6'-6.5
6F26010-26 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	2020	10.3	mg/kg dry	10	P6G0112	07/01/16	07/01/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP7-7'-7.5'
6F26010-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	2200	10.4	mg/kg dry	10	P6G0112	07/01/16	07/01/16	EPA 300.0	
% Moisture	4.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP8-0'-1'
6F26010-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	1790	10.5	mg/kg dry	10	P6G0112	07/01/16	07/01/16	EPA 300.0	
% Moisture	5.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP8-1'-1.5'
6F26010-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	697	1.14	mg/kg dry	1	P6G0112	07/01/16	07/01/16	EPA 300.0	
% Moisture	12.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP8-2'-2.5'
6F26010-30 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	265	1.12	mg/kg dry	1	P6G0112	07/01/16	07/01/16	EPA 300.0	
% Moisture	11.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP8-3'-3.5'
6F26010-31 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	89.6	1.08	mg/kg dry	1	P6G0112	07/01/16	07/01/16	EPA 300.0	
% Moisture	7.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP8-4'-4.5'
6F26010-32 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	74.9	1.05	mg/kg dry	1	P6G0112	07/01/16	07/01/16	EPA 300.0	
% Moisture	5.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP8-5'-5.5'
6F26010-33 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	39.0	1.04	mg/kg dry	1	P6G0112	07/01/16	07/01/16	EPA 300.0	
% Moisture	4.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP8-6'-6.5
6F26010-34 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	19.4	1.03	mg/kg dry	1	P6G0112	07/01/16	07/01/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP8-7'-7.5'
6F26010-35 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	25.1	1.03	mg/kg dry	1	P6G0112	07/01/16	07/01/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP8-8'-8.5'
6F26010-36 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	26.6	1.03	mg/kg dry	1	P6G0112	07/01/16	07/02/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

SP8-9'-9.5'
6F26010-37 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	36.2	1.03	mg/kg dry	1	P6G0112	07/01/16	07/02/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6F2901	06/29/16	06/29/16	% calculation	

Burnett Oil Company, Inc.
 24 Smith Road Suite 100
 Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
 Project Number: 6
 Project Manager: Johnny Titsworth

Fax:

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6F2901 - *** DEFAULT PREP ***										
Blank (P6F2901-BLK1) Prepared & Analyzed: 06/29/16										
% Moisture	ND	0.1	%							
Duplicate (P6F2901-DUP1) Source: 6F26010-37 Prepared & Analyzed: 06/29/16										
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P6F2901-DUP2) Source: 6F26008-08 Prepared & Analyzed: 06/29/16										
% Moisture	11.0	0.1	%		12.0			8.70	20	
Duplicate (P6F2901-DUP3) Source: 6F26008-12 Prepared & Analyzed: 06/29/16										
% Moisture	7.0	0.1	%		7.0			0.00	20	
Batch P6F3008 - *** DEFAULT PREP ***										
Blank (P6F3008-BLK1) Prepared: 06/30/16 Analyzed: 07/01/16										
Chloride	ND	1.00	mg/kg wet							
LCS (P6F3008-BS1) Prepared: 06/30/16 Analyzed: 07/01/16										
Chloride	181	1.00	mg/kg wet	200		90.5	80-120			
LCS Dup (P6F3008-BSD1) Prepared: 06/30/16 Analyzed: 07/01/16										
Chloride	179	1.00	mg/kg wet	200		89.3	80-120	1.38	20	
Duplicate (P6F3008-DUP1) Source: 6F24005-18 Prepared: 06/30/16 Analyzed: 07/01/16										
Chloride	8580	56.2	mg/kg dry		8430			1.79	20	
Duplicate (P6F3008-DUP2) Source: 6F26010-10 Prepared: 06/30/16 Analyzed: 07/01/16										
Chloride	2720	28.1	mg/kg dry		2620			3.50	20	

Burnett Oil Company, Inc.
 24 Smith Road Suite 100
 Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
 Project Number: 6
 Project Manager: Johnny Titsworth

Fax:

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6F3008 - *** DEFAULT PREP ***										
Matrix Spike (P6F3008-MS1)		Source: 6F24005-18			Prepared: 06/30/16		Analyzed: 07/01/16			
Chloride	17600	56.2	mg/kg dry	8990	8430	102	80-120			
Batch P6G0112 - *** DEFAULT PREP ***										
Blank (P6G0112-BLK1)		Prepared & Analyzed: 07/01/16								
Chloride	ND	1.00	mg/kg wet							
LCS (P6G0112-BS1)		Prepared & Analyzed: 07/01/16								
Chloride	185	1.00	mg/kg wet	200		92.7	80-120			
LCS Dup (P6G0112-BSD1)		Prepared: 07/01/16 Analyzed: 07/06/16								
Chloride	181	1.00	mg/kg wet	200		90.5	80-120	2.45	20	
Duplicate (P6G0112-DUP1)		Source: 6F26010-20			Prepared & Analyzed: 07/01/16					
Chloride	4440	28.7	mg/kg dry		4460			0.336	20	
Duplicate (P6G0112-DUP2)		Source: 6F26010-30			Prepared & Analyzed: 07/01/16					
Chloride	267	1.12	mg/kg dry		265			0.726	20	
Matrix Spike (P6G0112-MS1)		Source: 6F26010-20			Prepared: 07/01/16 Analyzed: 07/06/16					
Chloride	8850	28.7	mg/kg dry	4600	4460	95.5	80-120			

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler A 2 Battery (GA2)
Project Number: 6
Project Manager: Johnny Titsworth

Fax:

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:



Date:

7/6/2016

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Pernian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701

Phone: 432-686-7235

Project Name: Gissler A 2 Battery (GA2)

Project Manager: Kevin Freeman & Johnny Trisworth

Company Name: Burnett Oil Company, Inc.

Company Address: 24 Smith Road, Suite 100
Midland, TX 70705

City/State/Zip: Midland, TX 70705

Telephone No: 432-425-2891

Fax No: 817-332-2438

Report Format: Standard TRRP NPDES

ORDER #: 6F26010

Preservation & # of Containers
Ice
HNO₃ 250, ml Poly
HCl
H₂SO₄
NaOH
Na₂S₂O₈
None 1L Poly
NaOH/ZnAc

Matrix

Analyze For: Chloride
BTEX by 8021B
Rush 24 48 72 (Please call)
Standard

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃ 250, ml Poly	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₈	None 1L Poly	NaOH/ZnAc	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH by TX 1005 8015B 8015M	Chloride	BTEX by 8021B
-01	SP1-0-1'	S	1'	06/23/16														X	
-02	SP1-1-1.5'	S	1.5'	06/23/16														X	
-03	SP1-2-2.5'	S	2.5'	06/23/16														X	
-04	SP1-3-3.5"	S	3.5"	06/23/16														X	
-05	SP2-0-1'	S	1'	06/23/16														X	
-06	SP3-0-1'	S	1'	06/23/16														X	
-07	SP4-0-1'	S	1'	06/23/16														X	

Special Instructions: If total TPH exceeds 5,000 mg/kg, run deeper samples. If total BTEX exceeds 50 mg/kg or Benzene exceeds 10 mg/kg run deeper samples.

Relinquished by: [Signature] Date: 6-24-16 Time: 1:00 PM Received by: [Signature] Date: 6/24/16 Time: 1:00 PM

Relinquished by: [Signature] Date: [] Time: [] Received by: [Signature] Date: [] Time: []

Relinquished by: [Signature] Date: [] Time: [] Received by: [Signature] Date: [] Time: []

Laboratory Comments: Sample Containers Intact? VOCS Free of Headspace? Labels on container(s) Custody seals on container(s) Sample Hand Delivered by Sampler/Client Rep? Temperature Upon Receipt: [] °C [] °F Adjusted: []



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701

Phone: 432-686-7235

Project Manager: Kevin Freeman & Johnny Trisworth

Project Name: Gissler A 2 Battery (GA2)

Company Name: Burnett Oil Company, Inc.

Project #: 6

Company Address: 24 Smith Road, Suite 100

Project Loc: Loop Hills, NM

City/State/Zip: Midland, TX 70705

PO #:

Telephone No: 432-425-2891

Report Format: Standard TRRP NPDES

Sampler Signature: *Kevin Freeman*

Fax No: 817-332-2438

e-mail: jtrisworth@burnettoil.com

ORDER #: 6F26610

k.freeman@aspengrow.us
mesq@cox.net
d.holl@aspengrow.us

Prescription & # of Containers

Matrix

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃ 250 ml Poly	HCl	H ₂ SO ₄	NaOH	Na ₂ SO ₃	None 1L Poly	NaOH/ZnAc	DW=Drinking Water SL=Sludge	GW=Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	TPH by TX 1005 8015B 8015M	Chloride	BTEX by 8021B	Analyze For		
-20	SP7-0-1'	S	1'	06/23/16																				
-21	SP7-1-1.5'	S	1.5'	06/23/16																				
-22	SP7-2-2.5'	S	2.5'	06/23/16																				
-23	SP7-3-3.5'	S	3.5'	06/23/16																				
-24	SP7-4-4.5'	S	4.5'	06/24/16																				
-25	SP7-5-5.5'	S	5.5'	06/23/16																				
-26	SP7-6-6.5'	S	6.5'	06/24/16																				
-27	SP7-7-7.5'	S	7.5'	06/25/16																				

Special Instructions: If total TPH exceeds 5,000 mg/kg, run deeper samples. If total BTEX exceeds 50 mg/kg or Benzene exceeds 10 mg/kg run deeper samples.

Laboratory Comments: *[Handwritten notes]*

Relinquished by: *[Signature]* Date: 6/24/16 Time: 17:00

Received by: *[Signature]* Date: 6/24/16 Time: 17:00

Temperature Upon Receipt: *90* °C

Adjusted: *Yes*

VOCS: Free of Headspace? *N*

Labels on container(s) *N*

Custody seals on container(s) *N*

Sample Hand Delivered? *N*

by Sampler/Client/Rep? *N*

by Courier? *N*

UPS *N*

DHL *N*

FedEx *N*

Lone Star *N*

