

**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' 43
Project Number: [none]
Location: Loco Hills ,NM
Lab Order Number: 6I13004



NELAP/TCEQ # T104704156-16-6

Report Date: 09/20/16

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP1 (0-1.0)	6I13004-01	Soil	09/13/16 00:00	09-13-2016 11:15
SP1 (1-1.5)	6I13004-02	Soil	09/13/16 00:00	09-13-2016 11:15
SP1 (2-2.5)	6I13004-03	Soil	09/13/16 00:00	09-13-2016 11:15
SP1 (3-3.5)	6I13004-04	Soil	09/13/16 00:00	09-13-2016 11:15
SP1 (4-4.5)	6I13004-05	Soil	09/13/16 00:00	09-13-2016 11:15
SP2 (0-1.0)	6I13004-07	Soil	09/13/16 00:00	09-13-2016 11:15
SP2 (1-1.5)	6I13004-08	Soil	09/13/16 00:00	09-13-2016 11:15
SP3 (0-1.0)	6I13004-12	Soil	09/13/16 00:00	09-13-2016 11:15
SP3 (1-1.5)	6I13004-13	Soil	09/13/16 00:00	09-13-2016 11:15
SP4 (0-1.0)	6I13004-16	Soil	09/13/16 00:00	09-13-2016 11:15
SP5 (0-1.0)	6I13004-20	Soil	09/13/16 00:00	09-13-2016 11:15
SP5 (1-1.5)	6I13004-21	Soil	09/13/16 00:00	09-13-2016 11:15
SP6 (0-1.0)	6I13004-25	Soil	09/13/16 00:00	09-13-2016 11:15
SP7 (0-1.0)	6I13004-29	Soil	09/13/16 00:00	09-13-2016 11:15
SP7 (1-1.5)	6I13004-30	Soil	09/13/16 00:00	09-13-2016 11:15
SP7 (2-2.5)	6I13004-31	Soil	09/13/16 00:00	09-13-2016 11:15
SP7 (3-3.5)	6I13004-32	Soil	09/13/16 00:00	09-13-2016 11:15
SP8 (0-1.0)	6I13004-35	Soil	09/13/16 00:00	09-13-2016 11:15
SP8 (1-1.5)	6I13004-36	Soil	09/13/16 00:00	09-13-2016 11:15

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP1 (0-1.0)
6I13004-01 (Soil)

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

Organics by GC

Benzene	ND	0.0227	mg/kg dry	20	P6I1901	09/17/16	09/18/16	EPA 8021B
Toluene	0.242	0.0455	mg/kg dry	20	P6I1901	09/17/16	09/18/16	EPA 8021B
Ethylbenzene	0.248	0.0227	mg/kg dry	20	P6I1901	09/17/16	09/18/16	EPA 8021B
Xylene (p/m)	1.52	0.0455	mg/kg dry	20	P6I1901	09/17/16	09/18/16	EPA 8021B
Xylene (o)	1.46	0.0227	mg/kg dry	20	P6I1901	09/17/16	09/18/16	EPA 8021B
Surrogate: 4-Bromofluorobenzene		82.7 %	75-125		P6I1901	09/17/16	09/18/16	EPA 8021B
Surrogate: 1,4-Difluorobenzene		76.7 %	75-125		P6I1901	09/17/16	09/18/16	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods

% Moisture	12.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	1960	284	mg/kg dry	10	P6I1507	09/13/16	09/15/16	TPH 8015M
>C12-C28	10400	284	mg/kg dry	10	P6I1507	09/13/16	09/15/16	TPH 8015M
>C28-C35	1750	284	mg/kg dry	10	P6I1507	09/13/16	09/15/16	TPH 8015M
Surrogate: 1-Chlorooctane		125 %	70-130		P6I1507	09/13/16	09/15/16	TPH 8015M
Surrogate: o-Terphenyl		115 %	70-130		P6I1507	09/13/16	09/15/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	14200	284	mg/kg dry	10	[CALC]	09/13/16	09/15/16	calc

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP1 (1-1.5)
6I13004-02 (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

% Moisture	17.0	0.1	%	1	P611509	09/15/16	09/15/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	2150	151	mg/kg dry	5	P611507	09/13/16	09/15/16	TPH 8015M
>C12-C28	5150	151	mg/kg dry	5	P611507	09/13/16	09/15/16	TPH 8015M
>C28-C35	809	151	mg/kg dry	5	P611507	09/13/16	09/15/16	TPH 8015M
Surrogate: 1-Chlorooctane		111 %	70-130		P611507	09/13/16	09/15/16	TPH 8015M
Surrogate: o-Terphenyl		97.8 %	70-130		P611507	09/13/16	09/15/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	8120	151	mg/kg dry	5	[CALC]	09/13/16	09/15/16	calc

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP1 (2-2.5)
6I13004-03 (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

% Moisture	17.0	0.1	%	1	P611509	09/15/16	09/15/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	3530	151	mg/kg dry	5	P611507	09/13/16	09/15/16	TPH 8015M
>C12-C28	8220	151	mg/kg dry	5	P611507	09/13/16	09/15/16	TPH 8015M
>C28-C35	1270	151	mg/kg dry	5	P611507	09/13/16	09/15/16	TPH 8015M
Surrogate: 1-Chlorooctane		120 %	70-130		P611507	09/13/16	09/15/16	TPH 8015M
Surrogate: o-Terphenyl		105 %	70-130		P611507	09/13/16	09/15/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	13000	151	mg/kg dry	5	[CALC]	09/13/16	09/15/16	calc

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP1 (3-3.5)
6I13004-04 (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

% Moisture	17.0	0.1	%	1	P611509	09/15/16	09/15/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	1170	151	mg/kg dry	5	P611507	09/13/16	09/15/16	TPH 8015M
>C12-C28	3910	151	mg/kg dry	5	P611507	09/13/16	09/15/16	TPH 8015M
>C28-C35	628	151	mg/kg dry	5	P611507	09/13/16	09/15/16	TPH 8015M
Surrogate: 1-Chlorooctane		118 %	70-130		P611507	09/13/16	09/15/16	TPH 8015M
Surrogate: o-Terphenyl		119 %	70-130		P611507	09/13/16	09/15/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	5710	151	mg/kg dry	5	[CALC]	09/13/16	09/15/16	calc

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP1 (4-4.5)
6I13004-05 (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

% Moisture	13.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	28.7	mg/kg dry	1	P6I1507	09/13/16	09/15/16	TPH 8015M
>C12-C28	81.6	28.7	mg/kg dry	1	P6I1507	09/13/16	09/15/16	TPH 8015M
>C28-C35	ND	28.7	mg/kg dry	1	P6I1507	09/13/16	09/15/16	TPH 8015M
Surrogate: 1-Chlorooctane		125 %	70-130		P6I1507	09/13/16	09/15/16	TPH 8015M
Surrogate: o-Terphenyl		121 %	70-130		P6I1507	09/13/16	09/15/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	81.6	28.7	mg/kg dry	1	[CALC]	09/13/16	09/15/16	calc

Burnett Oil Company, Inc.
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Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP2 (0-1.0)
6I13004-07 (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

% Moisture	8.0	0.1	%	1	P611509	09/15/16	09/15/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	4690	272	mg/kg dry	10	P611508	09/14/16	09/14/16	TPH 8015M
>C12-C28	14700	272	mg/kg dry	10	P611508	09/14/16	09/14/16	TPH 8015M
>C28-C35	2000	272	mg/kg dry	10	P611508	09/14/16	09/14/16	TPH 8015M
Surrogate: 1-Chlorooctane		110 %	70-130		P611508	09/14/16	09/14/16	TPH 8015M
Surrogate: o-Terphenyl		93.4 %	70-130		P611508	09/14/16	09/14/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	21400	272	mg/kg dry	10	[CALC]	09/14/16	09/14/16	calc

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP2 (1-1.5)
6I13004-08 (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

% Moisture	3.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	63.0	25.8	mg/kg dry	1	P6I1508	09/14/16	09/14/16	TPH 8015M
>C12-C28	257	25.8	mg/kg dry	1	P6I1508	09/14/16	09/14/16	TPH 8015M
>C28-C35	43.5	25.8	mg/kg dry	1	P6I1508	09/14/16	09/14/16	TPH 8015M
<i>Surrogate: 1-Chlorooctane</i>		83.3 %	70-130		P6I1508	09/14/16	09/14/16	TPH 8015M
<i>Surrogate: o-Terphenyl</i>		89.9 %	70-130		P6I1508	09/14/16	09/14/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	363	25.8	mg/kg dry	1	[CALC]	09/14/16	09/14/16	calc

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP3 (0-1.0)
6I13004-12 (Soil)

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

Organics by GC

Benzene	ND	0.00109	mg/kg dry	1	P6I1901	09/17/16	09/18/16	EPA 8021B	
Toluene	ND	0.00217	mg/kg dry	1	P6I1901	09/17/16	09/18/16	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P6I1901	09/17/16	09/18/16	EPA 8021B	
Xylene (p/m)	0.00265	0.00217	mg/kg dry	1	P6I1901	09/17/16	09/18/16	EPA 8021B	
Xylene (o)	0.00229	0.00109	mg/kg dry	1	P6I1901	09/17/16	09/18/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	75-125		P6I1901	09/17/16	09/18/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		77.3 %	75-125		P6I1901	09/17/16	09/18/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

% Moisture	8.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	996	136	mg/kg dry	5	P6I1508	09/14/16	09/14/16	TPH 8015M	
>C12-C28	7210	136	mg/kg dry	5	P6I1508	09/14/16	09/14/16	TPH 8015M	
>C28-C35	845	136	mg/kg dry	5	P6I1508	09/14/16	09/14/16	TPH 8015M	
Surrogate: 1-Chlorooctane		93.7 %	70-130		P6I1508	09/14/16	09/14/16	TPH 8015M	
Surrogate: o-Terphenyl		95.4 %	70-130		P6I1508	09/14/16	09/14/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	9050	136	mg/kg dry	5	[CALC]	09/14/16	09/14/16	calc	

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP3 (1-1.5)
6I13004-13 (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

% Moisture	2.0	0.1	%	1	P611509	09/15/16	09/15/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	118	25.5	mg/kg dry	1	P611508	09/14/16	09/14/16	TPH 8015M
>C12-C28	239	25.5	mg/kg dry	1	P611508	09/14/16	09/14/16	TPH 8015M
>C28-C35	41.1	25.5	mg/kg dry	1	P611508	09/14/16	09/14/16	TPH 8015M
Surrogate: 1-Chlorooctane		88.9 %	70-130		P611508	09/14/16	09/14/16	TPH 8015M
Surrogate: o-Terphenyl		94.7 %	70-130		P611508	09/14/16	09/14/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	398	25.5	mg/kg dry	1	[CALC]	09/14/16	09/14/16	calc

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP4 (0-1.0)
6I13004-16 (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

% Moisture	13.0	0.1	%	1	P611509	09/15/16	09/15/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	28.7	mg/kg dry	1	P611508	09/14/16	09/14/16	TPH 8015M
>C12-C28	ND	28.7	mg/kg dry	1	P611508	09/14/16	09/14/16	TPH 8015M
>C28-C35	ND	28.7	mg/kg dry	1	P611508	09/14/16	09/14/16	TPH 8015M
Surrogate: 1-Chlorooctane		86.8 %	70-130		P611508	09/14/16	09/14/16	TPH 8015M
Surrogate: o-Terphenyl		96.6 %	70-130		P611508	09/14/16	09/14/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	28.7	mg/kg dry	1	[CALC]	09/14/16	09/14/16	calc

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP5 (0-1.0)
6I13004-20 (Soil)

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

Organics by GC

Benzene	ND	0.0215	mg/kg dry	20	P611901	09/17/16	09/18/16	EPA 8021B	
Toluene	0.0447	0.0430	mg/kg dry	20	P611901	09/17/16	09/18/16	EPA 8021B	
Ethylbenzene	1.47	0.0215	mg/kg dry	20	P611901	09/17/16	09/18/16	EPA 8021B	
Xylene (p/m)	2.54	0.0430	mg/kg dry	20	P611901	09/17/16	09/18/16	EPA 8021B	
Xylene (o)	1.13	0.0215	mg/kg dry	20	P611901	09/17/16	09/18/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		116 %	75-125		P611901	09/17/16	09/18/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		120 %	75-125		P611901	09/17/16	09/18/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

% Moisture	7.0	0.1	%	1	P611509	09/15/16	09/15/16	% calculation	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	1980	269	mg/kg dry	10	P611508	09/14/16	09/14/16	TPH 8015M	
>C12-C28	6950	269	mg/kg dry	10	P611508	09/14/16	09/14/16	TPH 8015M	
>C28-C35	841	269	mg/kg dry	10	P611508	09/14/16	09/14/16	TPH 8015M	
Surrogate: 1-Chlorooctane		101 %	70-130		P611508	09/14/16	09/14/16	TPH 8015M	
Surrogate: o-Terphenyl		86.0 %	70-130		P611508	09/14/16	09/14/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	9770	269	mg/kg dry	10	[CALC]	09/14/16	09/14/16	calc	

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP5 (1-1.5)
6I13004-21 (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

% Moisture	7.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.9	mg/kg dry	1	P6I1508	09/14/16	09/14/16	TPH 8015M
>C12-C28	90.0	26.9	mg/kg dry	1	P6I1508	09/14/16	09/14/16	TPH 8015M
>C28-C35	ND	26.9	mg/kg dry	1	P6I1508	09/14/16	09/14/16	TPH 8015M
Surrogate: 1-Chlorooctane		86.2 %	70-130		P6I1508	09/14/16	09/14/16	TPH 8015M
Surrogate: o-Terphenyl		97.7 %	70-130		P6I1508	09/14/16	09/14/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	90.0	26.9	mg/kg dry	1	[CALC]	09/14/16	09/14/16	calc

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP6 (0-1.0)
6I13004-25 (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

% Moisture	9.0	0.1	%	1	P611509	09/15/16	09/15/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	150	27.5	mg/kg dry	1	P611508	09/14/16	09/15/16	TPH 8015M
>C12-C28	818	27.5	mg/kg dry	1	P611508	09/14/16	09/15/16	TPH 8015M
>C28-C35	87.9	27.5	mg/kg dry	1	P611508	09/14/16	09/15/16	TPH 8015M
Surrogate: 1-Chlorooctane		94.6 %	70-130		P611508	09/14/16	09/15/16	TPH 8015M
Surrogate: o-Terphenyl		104 %	70-130		P611508	09/14/16	09/15/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	1060	27.5	mg/kg dry	1	[CALC]	09/14/16	09/15/16	calc

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP7 (0-1.0)
6I13004-29 (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

% Moisture	13.0	0.1	%	1	P611509	09/15/16	09/15/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	1860	144	mg/kg dry	5	P611510	09/14/16	09/15/16	TPH 8015M
>C12-C28	5120	144	mg/kg dry	5	P611510	09/14/16	09/15/16	TPH 8015M
>C28-C35	644	144	mg/kg dry	5	P611510	09/14/16	09/15/16	TPH 8015M
Surrogate: 1-Chlorooctane		85.6 %	70-130		P611510	09/14/16	09/15/16	TPH 8015M
Surrogate: o-Terphenyl		88.4 %	70-130		P611510	09/14/16	09/15/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	7620	144	mg/kg dry	5	[CALC]	09/14/16	09/15/16	calc

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP7 (1-1.5)
6I13004-30 (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

% Moisture	15.0	0.1	%	1	P611509	09/15/16	09/15/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	1930	147	mg/kg dry	5	P611510	09/14/16	09/15/16	TPH 8015M
>C12-C28	4150	147	mg/kg dry	5	P611510	09/14/16	09/15/16	TPH 8015M
>C28-C35	609	147	mg/kg dry	5	P611510	09/14/16	09/15/16	TPH 8015M
Surrogate: 1-Chlorooctane		91.4 %	70-130		P611510	09/14/16	09/15/16	TPH 8015M
Surrogate: o-Terphenyl		92.7 %	70-130		P611510	09/14/16	09/15/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	6680	147	mg/kg dry	5	[CALC]	09/14/16	09/15/16	calc

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP7 (2-2.5)
6I13004-31 (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

% Moisture	10.0	0.1	%	1	P611509	09/15/16	09/15/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	880	139	mg/kg dry	5	P611510	09/14/16	09/15/16	TPH 8015M
>C12-C28	2040	139	mg/kg dry	5	P611510	09/14/16	09/15/16	TPH 8015M
>C28-C35	320	139	mg/kg dry	5	P611510	09/14/16	09/15/16	TPH 8015M
<i>Surrogate: 1-Chlorooctane</i>		103 %	70-130		P611510	09/14/16	09/15/16	TPH 8015M
<i>Surrogate: o-Terphenyl</i>		97.9 %	70-130		P611510	09/14/16	09/15/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	3240	139	mg/kg dry	5	[CALC]	09/14/16	09/15/16	calc

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP7 (3-3.5)
6I13004-32 (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

% Moisture	10.0	0.1	%	1	P611509	09/15/16	09/15/16	% calculation	
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Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP8 (0-1.0)
6I13004-35 (Soil)

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

Organics by GC

Benzene	ND	0.0215	mg/kg dry	20	P6I1901	09/17/16	09/18/16	EPA 8021B	
Toluene	0.359	0.0430	mg/kg dry	20	P6I1901	09/17/16	09/18/16	EPA 8021B	
Ethylbenzene	0.697	0.0215	mg/kg dry	20	P6I1901	09/17/16	09/18/16	EPA 8021B	
Xylene (p/m)	2.55	0.0430	mg/kg dry	20	P6I1901	09/17/16	09/18/16	EPA 8021B	
Xylene (o)	3.25	0.0215	mg/kg dry	20	P6I1901	09/17/16	09/18/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	75-125		P6I1901	09/17/16	09/18/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.5 %	75-125		P6I1901	09/17/16	09/18/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

% Moisture	7.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	1540	134	mg/kg dry	5	P6I1510	09/14/16	09/15/16	TPH 8015M	
>C12-C28	5470	134	mg/kg dry	5	P6I1510	09/14/16	09/15/16	TPH 8015M	
>C28-C35	824	134	mg/kg dry	5	P6I1510	09/14/16	09/15/16	TPH 8015M	
Surrogate: 1-Chlorooctane		82.1 %	70-130		P6I1510	09/14/16	09/15/16	TPH 8015M	
Surrogate: o-Terphenyl		92.0 %	70-130		P6I1510	09/14/16	09/15/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	7830	134	mg/kg dry	5	[CALC]	09/14/16	09/15/16	calc	

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP8 (1-1.5)
6I13004-36 (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

% Moisture	6.0	0.1	%	1	P611509	09/15/16	09/15/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	1670	133	mg/kg dry	5	P611510	09/14/16	09/15/16	TPH 8015M
>C12-C28	2750	133	mg/kg dry	5	P611510	09/14/16	09/15/16	TPH 8015M
>C28-C35	475	133	mg/kg dry	5	P611510	09/14/16	09/15/16	TPH 8015M
Surrogate: 1-Chlorooctane		120 %	70-130		P611510	09/14/16	09/15/16	TPH 8015M
Surrogate: o-Terphenyl		92.2 %	70-130		P611510	09/14/16	09/15/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	4900	133	mg/kg dry	5	[CALC]	09/14/16	09/15/16	calc

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P6I1901 - General Preparation (GC)

Blank (P6I1901-BLK1)

Prepared: 09/17/16 Analyzed: 09/18/16

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.0621		"	0.0500		124	75-125			
Surrogate: 1,4-Difluorobenzene	0.0570		"	0.0500		114	75-125			

LCS (P6I1901-BS1)

Prepared: 09/17/16 Analyzed: 09/18/16

Benzene	0.0917	0.00100	mg/kg wet	0.100		91.7	70-130			
Toluene	0.0894	0.00200	"	0.100		89.4	70-130			
Ethylbenzene	0.102	0.00100	"	0.100		102	70-130			
Xylene (p/m)	0.217	0.00200	"	0.200		109	70-130			
Xylene (o)	0.109	0.00100	"	0.100		109	70-130			
Surrogate: 1,4-Difluorobenzene	0.0471		"	0.0500		94.2	75-125			
Surrogate: 4-Bromofluorobenzene	0.0609		"	0.0500		122	75-125			

LCS Dup (P6I1901-BSD1)

Prepared: 09/17/16 Analyzed: 09/18/16

Benzene	0.104	0.00100	mg/kg wet	0.100		104	70-130	12.8	20	
Toluene	0.102	0.00200	"	0.100		102	70-130	13.5	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	70-130	6.50	20	
Xylene (p/m)	0.230	0.00200	"	0.200		115	70-130	5.43	20	
Xylene (o)	0.114	0.00100	"	0.100		114	70-130	4.83	20	
Surrogate: 1,4-Difluorobenzene	0.0525		"	0.0500		105	75-125			
Surrogate: 4-Bromofluorobenzene	0.0591		"	0.0500		118	75-125			

Matrix Spike (P6I1901-MS1)

Source: 6I13007-09

Prepared: 09/17/16 Analyzed: 09/18/16

Benzene	0.169	0.00101	mg/kg dry	0.202	ND	83.5	80-120			
Toluene	0.130	0.00202	"	0.202	ND	64.6	80-120			QM-07
Ethylbenzene	0.0503	0.00101	"	0.202	ND	24.9	80-120			QM-07
Xylene (p/m)	0.176	0.00202	"	0.404	ND	43.6	80-120			QM-07
Xylene (o)	0.118	0.00101	"	0.202	ND	58.5	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.0603		"	0.0505		119	75-125			
Surrogate: 1,4-Difluorobenzene	0.0531		"	0.0505		105	75-125			

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P6I1901 - General Preparation (GC)

Matrix Spike Dup (P6I1901-MSD1)

Source: 6I13007-09

Prepared: 09/17/16 Analyzed: 09/18/16

Benzene	0.163	0.00101	mg/kg dry	0.202	ND	80.8	80-120	3.24	20	
Toluene	0.128	0.00202	"	0.202	ND	63.4	80-120	1.82	20	QM-07
Ethylbenzene	0.0494	0.00101	"	0.202	ND	24.4	80-120	1.84	20	QM-07
Xylene (p/m)	0.167	0.00202	"	0.404	ND	41.4	80-120	5.20	20	QM-07
Xylene (o)	0.102	0.00101	"	0.202	ND	50.7	80-120	14.3	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.0642		"	0.0505		127	75-125			S-GC
Surrogate: 1,4-Difluorobenzene	0.0549		"	0.0505		109	75-125			

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

Project: Gissler 'A' 43
Project Number: [none]
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 P6I1509 - *** DEFAULT PREP ***										
Blank (P6I1509-BLK1)				Prepared & Analyzed: 09/15/16						
% Moisture	ND	0.1	%							
Blank (P6I1509-BLK2)				Prepared & Analyzed: 09/15/16						
% Moisture	ND	0.1	%							
Duplicate (P6I1509-DUP1)				Source: 6I13003-01		Prepared & Analyzed: 09/15/16				
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P6I1509-DUP2)				Source: 6I13004-27		Prepared & Analyzed: 09/15/16				
% Moisture	16.0	0.1	%		15.0			6.45	20	
Duplicate (P6I1509-DUP3)				Source: 6I13007-07		Prepared & Analyzed: 09/15/16				
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P6I1509-DUP4)				Source: 6I13011-19		Prepared & Analyzed: 09/15/16				
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P6I1509-DUP5)				Source: 6I13011-44		Prepared & Analyzed: 09/15/16				
% Moisture	11.0	0.1	%		11.0			0.00	20	
Duplicate (P6I1509-DUP6)				Source: 6I13011-46		Prepared & Analyzed: 09/15/16				
% Moisture	9.0	0.1	%		10.0			10.5	20	

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P6I1507 - TX 1005

Blank (P6I1507-BLK1)

Prepared: 09/13/16 Analyzed: 09/15/16

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	113		"	100		113	70-130			
Surrogate: o-Terphenyl	52.7		"	50.0		105	70-130			

LCS (P6I1507-BS1)

Prepared: 09/13/16 Analyzed: 09/15/16

C6-C12	1060	25.0	mg/kg wet	1000		106	75-125			
>C12-C28	1200	25.0	"	1000		120	75-125			
Surrogate: 1-Chlorooctane	129		"	100		129	70-130			
Surrogate: o-Terphenyl	53.1		"	50.0		106	70-130			

LCS Dup (P6I1507-BSD1)

Prepared: 09/13/16 Analyzed: 09/15/16

C6-C12	1100	25.0	mg/kg wet	1000		110	75-125	4.05	20	
>C12-C28	1100	25.0	"	1000		110	75-125	8.25	20	
Surrogate: 1-Chlorooctane	108		"	100		108	70-130			
Surrogate: o-Terphenyl	56.0		"	50.0		112	70-130			

Duplicate (P6I1507-DUP1)

Source: 6I13004-06

Prepared: 09/13/16 Analyzed: 09/15/16

C6-C12	147	147	mg/kg dry		166			11.6	20	
>C12-C28	1580	147	"		1560			1.27	20	
Surrogate: 1-Chlorooctane	136		"	118		116	70-130			
Surrogate: o-Terphenyl	66.2		"	58.8		112	70-130			

Batch P6I1508 - TX 1005

Blank (P6I1508-BLK1)

Prepared & Analyzed: 09/14/16

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	73.4		"	100		73.4	70-130			
Surrogate: o-Terphenyl	39.9		"	50.0		79.8	70-130			

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P6I1508 - TX 1005

LCS (P6I1508-BS1)

Prepared & Analyzed: 09/14/16

C6-C12	692	25.0	mg/kg wet	700		98.8	75-125			
>C12-C28	700	25.0	"	700		99.9	75-125			
Surrogate: 1-Chlorooctane	79.4		"	100		79.4	70-130			
Surrogate: o-Terphenyl	36.2		"	50.0		72.4	70-130			

LCS Dup (P6I1508-BSD1)

Prepared & Analyzed: 09/14/16

C6-C12	687	25.0	mg/kg wet	700		98.2	75-125	0.584	20	
>C12-C28	779	25.0	"	700		111	75-125	10.7	20	
Surrogate: 1-Chlorooctane	93.5		"	100		93.5	70-130			
Surrogate: o-Terphenyl	44.7		"	50.0		89.5	70-130			

Duplicate (P6I1508-DUP1)

Source: 6I13004-26

Prepared: 09/14/16 Analyzed: 09/15/16

C6-C12	ND	29.4	mg/kg dry		19.2				20	
>C12-C28	ND	29.4	"		24.9				20	
Surrogate: 1-Chlorooctane	119		"	118		101	70-130			
Surrogate: o-Terphenyl	65.0		"	58.8		110	70-130			

Batch P6I1510 - TX 1005

Blank (P6I1510-BLK1)

Prepared: 09/14/16 Analyzed: 09/15/16

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	73.5		"	100		73.5	70-130			
Surrogate: o-Terphenyl	39.2		"	50.0		78.4	70-130			

LCS (P6I1510-BS1)

Prepared: 09/14/16 Analyzed: 09/15/16

C6-C12	737	25.0	mg/kg wet	700		105	75-125			
>C12-C28	833	25.0	"	700		119	75-125			
Surrogate: 1-Chlorooctane	78.4		"	100		78.4	70-130			
Surrogate: o-Terphenyl	37.0		"	50.0		73.9	70-130			

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P6I1510 - TX 1005

LCS Dup (P6I1510-BSD1)

Prepared: 09/14/16 Analyzed: 09/15/16

C6-C12	759	25.0	mg/kg wet	700		108	75-125	2.95	20	
>C12-C28	796	25.0	"	700		114	75-125	4.59	20	
Surrogate: 1-Chlorooctane	76.0		"	100		76.0	70-130			
Surrogate: o-Terphenyl	35.4		"	50.0		70.9	70-130			

Duplicate (P6I1510-DUP1)

Source: 6I13020-05

Prepared: 09/14/16 Analyzed: 09/15/16

C6-C12	34.2	28.4	mg/kg dry		28.6			18.1	20	
>C12-C28	147	28.4	"		116			23.7	20	
Surrogate: 1-Chlorooctane	104		"	114		91.2	70-130			
Surrogate: o-Terphenyl	57.8		"	56.8		102	70-130			

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

Project: Gissler 'A' 43
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

Notes and Definitions

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

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:

9/20/2016

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

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

Phone: 432-686-7235

CH


Project Manager: Johnny Titworth

Company Name: Burnett Oil Company

Company Address: P.O. Box 188 / 87 Square Lake Road

City/State/Zip: Loco Hills, Texas 88255

Telephone No: 432-425-2891

Sampler Signature: 

Fax No:
e-mail: jtitworth@burnettoil.com
d.holt@aspengrow.us
k.treeman@aspengrow.us
nesq@cox.net

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Project Name: Gissler 'A' 43

Project #:

Project Loc: LOCO HILLS, NM

PO #:

ORDER #: 6113004

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Dept	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	HNO ₃ 250,ml Poly	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O 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:
	SP1	0	1.0	09/13/16			1									X			
	SP1	1	1.5	09/13/16			1									X			
	SP1	2	2.5	09/13/16			1									X			
	SP1	3	3.5	09/13/16			1									X			
	SP1	4	4.5	09/13/16			1									X			
	SP1	5	5.5	09/13/16			1									X			
	SP1	0	1.0	09/13/16			1									X			
	SP2	1	1.5	09/13/16			1									X			
	SP2	2	2.5	09/13/16			1									X			
	SP2	3	3.5	09/13/16			1									X			

Rush 24 48 72 (Please call)
Standard

Special Instructions:	If requested and total TPH exceeds 5,000 mg/kg - run deeper sample. If requested and total BTEX exceeds 50 mg/kg -run deeper sample If requested test and total Benzene exceeds 10 mg/kg -run deeper sample																		
Relinquished by:	Date	Time	Received by:	Date	Time	Laboratory Comments:													
Relinquished by:	9-13-16	11:16	Received by:			Sample Containers: Infract?													
Relinquished by:			Received by:			VOCs Free of Headspace?													
Relinquished by:			Received by:			Labels on container(s)?													
Relinquished by:			Received by:			Custody seals on container(s)?													
Relinquished by:			Received by:			Sample Hand Delivered													
Relinquished by:			Received by:			by Sampler/Client Rep.?													
Relinquished by:			Received by:			Temperature Upon Receipt:													
Relinquished by:			Received by:			UPS DHL FedEx Lone Star													
Relinquished by:			Received by:			Adjusted:													

Project Manager: Johnny Titsworth

Company Name Burnett Oil Company

Company Address: P.O. Box 188 / 87 Square Lake Road

City/State/Zip: Loco Hills, Texas 88255

Telephone No: 432-425-2891

Sampler Signature:

Fax No:

e-mail:

jlitsworth@burnettoil.com

d.holt@aspengrow.us

nesq@cox.net

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

PO #

Project Loc: LOCO HILLS, NM

Project Name: Gissler 'A' 43

Project #:

Page 30 of 33

[illegible]

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235


Project Manager: Johnny Titsworth

Company Name: Burnett Oil Company

Company Address: P.O. Box 188 / 87 Square Lake Road

City/State/Zip: Loco Hills, Texas 88255

Telephone No: 432-425-2891

Sample Signature: 

Fax No:

e-mail:

j.titsworth@burnettoil.com

d.holt@aspengrow.us

k.freeman@aspengrow.us

nesq@cox.net

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

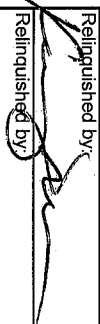
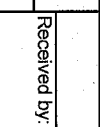
Project Name: Gissler 'A' 43

Project Loc: LOCO HILLS, NM

PO #:

LAB # (lab use only)		FIELD CODE		Beginning Depth	Ending Dept	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers							Matrix	Analyze For:						
LAB #	FIELD CODE	Beginning Depth	Ending Dept	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	HNO ₃ 250,ml Poly	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O 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				
31	SP7	2 2.5	09/13/16	1																				
32	SP7	3 3.5	09/13/16	1																				
33	SP7	4 4.5	09/13/16	1																				
34	SP7	5 5.5	09/13/16	1																				
35	SP8	0 1.0	09/13/16	1																				
36	SP8	1 1.5	09/13/16	1																				
37	SP8	2 2.5	09/13/16	1																				
38	SP8	3 3.5	09/13/16	1																				
39	SP8	4 4.5	09/13/16	1																				
40	SP8	5 5.5	09/13/16	1																				

Special Instructions:
If requested and total TPH exceeds 5,000 mg/kg - run deeper sample.
If requested and total BTEX exceeds 50 mg/kg -run deeper sample
If requested test and total Benzene exceeds 10 mg/kg -run deeper sample

Relinquished by:	Date	Time	Received by:	Date	Time
	9.13.16	11:16		9.13.16	11:15
Relinquished by:	Date	Time	Received by:	Date	Time

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

Rush 24 48 72 (Please call)
Standard

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager: Johnny Tisworth

Company Name: Burnett Oil Company

Company Address: P.O. Box 188 / 87 Square Lake Road

City/State/Zip: Loco Hills, Texas 88255

Telephone No: 432-425-2891

Sampler Signature: *[Signature]*

e-mail:

jtisworth@burnettoil.com
d.holt@aspengrow.us
k.freeman@aspengrow.us
nesq@cox.net

ORDER #: 6213004

Preservation & # of Containers

Matrix

Analyze For:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Project Name: Gissler 'A' 43

Project #:

Project Loc: LOCO HILLS, NM

PO #:

LAB # (lab use only)

FIELD CODE

SP8

Beginning Depth

Ending Dept

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

HNO₃ 250,ml Poly

HCl

H₂SO₄

NaOH

Na₂S₂O₃

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

Rush 24 48 72 (Please call)

Standard

Special Instructions:

If requested and total TPH exceeds 5,000 mg/kg - run deeper sample.
If requested and total BTEX exceeds 50 mg/kg -run deeper sample
If requested test and total Benzene exceeds 10 mg/kg -run deeper sample

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers intact?

VOCS Free of Headspace?

Labels on container(s)

Custody seals on container(s)

Sample Hand Delivered

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:

Adjusted: 100 °C Factor: MFC1