

**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 'B'-5 TB

Project Number: [none]

Location: Loco Hills NM

Lab Order Number: 6K23010



NELAP/TCEQ # T104704156-16-6

Report Date: 12/06/16

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

Project: Gissler 'B'-5 TB
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP1-0'-1'	6K23010-01	Soil	11/22/16 00:00	11-23-2016 12:17
SP2 0'-1'	6K23010-04	Soil	11/22/16 00:00	11-23-2016 12:17

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

Project: Gissler 'B'-5 TB
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP1-0'-1'
6K23010-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

C6-C12	ND	25.773	mg/kg dry	1	P6K2906	11/28/16	11/29/16	TX 1005
>C12-C28	1248.2	25.773	mg/kg dry	1	P6K2906	11/28/16	11/29/16	TX 1005
>C28-C35	234.28	25.773	mg/kg dry	1	P6K2906	11/28/16	11/29/16	TX 1005
Surrogate: 1-Chlorooctane		101 %	70-130		P6K2906	11/28/16	11/29/16	TX 1005
Surrogate: o-Terphenyl		110 %	70-130		P6K2906	11/28/16	11/29/16	TX 1005
Total Hydrocarbon nC6-nC35	1482.5	25.773	mg/kg dry	1	[CALC]	11/28/16	11/29/16	[CALC]

General Chemistry Parameters by EPA / Standard Methods

% Moisture	3.0	0.1	%	1	P6K2901	11/29/16	11/29/16	% calculation
------------	-----	-----	---	---	---------	----------	----------	---------------

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

Project: Gissler 'B'-5 TB
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

SP2 0'-1'
6K23010-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

Organics by GC

C6-C12	ND	28.736	mg/kg dry	1	P6K2906	11/28/16	11/29/16	TX 1005
>C12-C28	51.805	28.736	mg/kg dry	1	P6K2906	11/28/16	11/29/16	TX 1005
>C28-C35	ND	28.736	mg/kg dry	1	P6K2906	11/28/16	11/29/16	TX 1005
Surrogate: 1-Chlorooctane		99.7 %	70-130		P6K2906	11/28/16	11/29/16	TX 1005
Surrogate: o-Terphenyl		108 %	70-130		P6K2906	11/28/16	11/29/16	TX 1005
Total Hydrocarbon nC6-nC35	51.805	28.736	mg/kg dry	1	[CALC]	11/28/16	11/29/16	[CALC]

General Chemistry Parameters by EPA / Standard Methods

% Moisture	13.0	0.1	%	1	P6K2901	11/29/16	11/29/16	% calculation
------------	------	-----	---	---	---------	----------	----------	---------------

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

Project: Gissler 'B'-5 TB
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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch P6K2906 - TX 1005

Blank (P6K2906-BLK1)

Prepared: 11/28/16 Analyzed: 11/29/16

C6-C12	ND	25.000	mg/kg wet							
>C12-C28	ND	25.000	"							
>C28-C35	ND	25.000	"							
Surrogate: 1-Chlorooctane	88.6		"	100		88.6	70-130			
Surrogate: o-Terphenyl	48.0		"	50.0		96.0	70-130			

LCS (P6K2906-BS1)

Prepared: 11/28/16 Analyzed: 11/29/16

C6-C12	1080	25.000	mg/kg wet	1000		108	75-125			
>C12-C28	1050	25.000	"	1000		105	75-125			
Surrogate: 1-Chlorooctane	121		"	100		121	70-130			
Surrogate: o-Terphenyl	54.9		"	50.0		110	70-130			

LCS Dup (P6K2906-BSD1)

Prepared: 11/28/16 Analyzed: 11/29/16

C6-C12	1080	25.000	mg/kg wet	1000		108	75-125	0.171	20	
>C12-C28	1080	25.000	"	1000		108	75-125	2.58	20	
Surrogate: 1-Chlorooctane	122		"	100		122	70-130			
Surrogate: o-Terphenyl	51.6		"	50.0		103	70-130			

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

Project: Gissler 'B'-5 TB
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 P6K2901 - * DEFAULT PREP *****

Blank (P6K2901-BLK1)

Prepared & Analyzed: 11/29/16

% Moisture	ND	0.1	%
------------	----	-----	---

Blank (P6K2901-BLK2)

Prepared & Analyzed: 11/29/16

% Moisture	ND	0.1	%
------------	----	-----	---

Duplicate (P6K2901-DUP1)

Source: 6K23005-04

Prepared & Analyzed: 11/29/16

% Moisture	19.0	0.1	%	19.0	0.00	20
------------	------	-----	---	------	------	----

Duplicate (P6K2901-DUP2)

Source: 6K23005-31

Prepared & Analyzed: 11/29/16

% Moisture	15.0	0.1	%	15.0	0.00	20
------------	------	-----	---	------	------	----

Duplicate (P6K2901-DUP3)

Source: 6K23010-07

Prepared & Analyzed: 11/29/16

% Moisture	8.0	0.1	%	8.0	0.00	20
------------	-----	-----	---	-----	------	----

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

Project: Gissler 'B'-5 TB
Project Number: [none]
Project Manager: Johnny Titsworth

Fax:

Notes and Definitions

BULK Samples received in Bulk soil containers
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:

12/6/2016

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.

