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. Project: Gissler 'B'-5 TB

24 Smith Road Suite 100 Project Number: [none]

Midland TX, 79705 Project Manager: Johnny Titsworth

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

Fax:

Burnett Oil Company, Inc. Project: Gissler 'B'-5 TB Fax:

24 Smith Road Suite 100 Project Number: [none]

Midland TX, 79705 Project Manager: Johnny Titsworth

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin I	Environmen	ıtal 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 %	70-1	30	P6K2906	11/28/16	11/29/16	TX 1005	
Surrogate: o-Terphenyl		110 %	70-1	30	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 EI	PA / Standard Methods	8							
% Moisture	3.0	0.1	%	1	P6K2901	11/29/16	11/29/16	% calculation	

Burnett Oil Company, Inc. Project: Gissler 'B'-5 TB Fax:

24 Smith Road Suite 100 Project Number: [none]

Midland TX, 79705 Project Manager: Johnny Titsworth

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin F	Environmen	ıtal 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 %	70-1.	30	P6K2906	11/28/16	11/29/16	TX 1005	
Surrogate: o-Terphenyl		108 %	70-1.	30	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 El	PA / Standard Method	S							
% Moisture	13.0	0.1	%	1	P6K2901	11/29/16	11/29/16	% calculation	

Burnett Oil Company, Inc. Project: Gissler 'B'-5 TB

24 Smith Road Suite 100 Project Number: [none]

Midland TX, 79705 Project Manager: Johnny Titsworth

Fax:

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

Analysis	D14	Reporting	T I i.e	Spike	Source	0/DEC	%REC	DDD	RPD	NI-4
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P6K2906 - TX 1005										
Blank (P6K2906-BLK1)				Prepared:	11/28/16 Aı	nalyzed: 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: 1	11/28/16 Aı	nalyzed: 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: 1	11/28/16 Aı	nalyzed: 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. Project: Gissler 'B'-5 TB

24 Smith Road Suite 100 Project Number: [none]

Midland TX, 79705 Project Manager: Johnny Titsworth

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

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		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P6K2901 - *** DEFAULT PREP ***										
Blank (P6K2901-BLK1)				Prepared &	Analyzed:	11/29/16				
% Moisture	ND	0.1	%							
Blank (P6K2901-BLK2)				Prepared &	z Analyzed:	11/29/16				
% Moisture	ND	0.1	%							
Duplicate (P6K2901-DUP1)	Sou	rce: 6K23005-	04	Prepared &	Analyzed:	11/29/16				
% Moisture	19.0	0.1	%	·	19.0	·	·	0.00	20	·
Duplicate (P6K2901-DUP2)	Sou	rce: 6K23005-	31	Prepared &	Analyzed:	11/29/16				
% Moisture	15.0	0.1	%		15.0			0.00	20	
Duplicate (P6K2901-DUP3)	Sou	rce: 6K23010-	07	Prepared &	. Analyzed:	11/29/16				
% Moisture	8.0	0.1	%		8.0			0.00	20	

Fax:

Burnett Oil Company, Inc. Project: Gissler 'B'-5 TB Fax:

24 Smith Road Suite 100 Project Number: [none]

Midland TX, 79705 Project Manager: Johnny Titsworth

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

	Drew	Darron			
Report Approved By:			Date:	12/6/2016	

Brent Barron, Laboratory Director/Technical Director

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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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