From:	Johnny Titsworth
To:	Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD; Tucker, Shelly
Cc:	Kyle Adams; Leslie Garvis
Subject:	Jackson B 30 WIW
Date:	Friday, November 18, 2016 11:05:12 AM
Attachments:	6I13011 PBELSTD_NELAC_COC_PDF_NEW.rev1 (1) FINAL 09 19 16 1537 (1).pdf JB 30 Work Plan.pdf

All

Attached is the work plan and the analytical for the Jackson B 30 WIW. If there are any questions or concerns, feel free to contact us.

Johnny Titsworth HSE COORDINATOR

BURNETT OIL CO., INC. P.O. Box 188 CR 220 North Loco Hills, NM 88255 MOBILE: (432)-425-2891 EMAIL: jtitsworth@burnettoil.com

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November 18, 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. – Jackson B 30 WIW UL/N sec. 1 T17S R30E

Mr. Bratcher

The above location is located approximately 2 miles northeast of Loco Hills, New Mexico at UL/N sec.1 T17S R30E. The site is located in an area of no known groundwater.

On April 28, 2016, a release of 60 barrels of total fluid was discovered. The release occurred when a steel injection line coming into the well ruptured and come to surface. The release impacted a 165"x40'-20" area on the pad and various locations in the pasture area surrounding the pad location (API # 30-015-21386). The BLM and the NMOCD were both notified of the release on April 28, 2016 with the initial C-141 being filed on the same day.

Corrective Action Plan

To remediate the impacted soil, Burnett Oil Co., Inc. has hired Aspen Grow LLC. to apply their Detox chloride bonding agents to the impacted area in the pasture. The Detox remediation bonding agents will be applied with water and aid in the remediation of the impacted soil, as well as help move the chlorides 3' below surface level. There will be four applications of the bonding agents in each installation. After each installment of bonding agents, Burnett Oil Co., Inc. will collect samples for verification of remediation success. Once the hydrocarbons chlorides have been remediated and/or pushed below the root zone below and analytical is below regulatory standards the impacted pasture area will be reseeded with BLM #2 seed mix. The area will then be observed until sufficient regrowth occurs.



November 18, 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

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 8, 2011

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

Release Notification and Corrective Action

	OPERATOR	X Initial Report	Final Report
Name of Company Burnett Oil Co., Inc	Contact Leslie Garvis		
Address 801 Cherry Street, Ste 1500, Fort Worth, Texas 76102	Telephone No. 817-583-8730		
Facility Name Jackson B 30	Facility Type WIW		
		A.DI.No. 20.015-21	2000

Surface Owner BLM	Mineral Owner BLM	API No. 30-015-21386
	LOCATION OF RELEASE	

LUCATION OF RELEASE											
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County			
N	1	17S	30E	660	South	1980	West	Eddy			

Latitude 32.85804 Longitude -103.92752

NATURE OF RELEASE

Type of Release Oil/Water	Volume of Release 3 BO/57 BW	Volume Red				
Source of Release Steel injection line corroded & released fluid	Date and Hour of Occurrence	Date and He	our of Discovery 4/28/16/0800			
Was Immediate Notice Given?	If YES, To Whom?					
X Yes No Not Required	Phone Call to BLM - S. Tucker, OCD - H.Patterson					
By Whom? Leslie Garvis	Date and Hour 4/28/16 approx 1500					
Was a Watercourse Reached?	If YES, Volume Impacting the Wat	tercourse.				
🗌 Yes 🕅 No	N/A					
If a Watercourse was Impacted, Describe Fully.*	1	andarah panya danah merupakan				
N/A						
Describe Cause of Problem and Remedial Action Taken.*						
Steel Injection line corroded and release fluid. Line has been repaired and put bi	ack into service					
Steel injection line conoded and release huid, Line has been repaired and put of	IGN INTO SELVICE.					
			an a stand a stand a stand a stand a fan de fan			
Describe Area Affected and Cleanup Action Taken.*						
Please see attached diagram for description of areas on and off the pad that were impacted	1					
The impacted area will be assessed and remediated per regulatory standards.						
I hereby certify that the information given above is true and complete to t	he best of my knowledge and underst	and that pursu	ant to NMOCD rules and			
regulations all operators are required to report and/or file certain release n	otifications and perform corrective ac	ctions for relea	ses which may endanger			
public health or the environment. The acceptance of a C-141 report by th	e NMOCD marked as "Final Report"	does not relie	ve the operator of liability			
should their operations have failed to adequately investigate and remediat	e contamination that pose a threat to	ground water,	surface water, numan nearm			
or the environment. In addition, NMOCD acceptance of a C-141 report of federal, state, or local laws and/or regulations.	loes not reneve the operator of respon	sionity for cor	nphanee with any other			
	OIL CONSER	VATIONI	DIVISION			
Signature Serlie DARVS	OIL CONSER	11110111				
Signature SUU NURIS						
	Approved by Environmental Speciali	ist:				
Printed Name: Leslie Garvis						
Title. Regulatory Coordinator	Amproved Deter	Expiration D	ate.			
Title: Regulatory Coordinator	Approval Date:	Expiration D	aw.			
E-mail Address: lgarvis@burnettoil.com	Conditions of Approval:					
	Conditions of Approval Attached					
Date: 5/2/16 Phone:817-583-8730						

* Attach Additional Sheets If Necessary



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Rite in the Rain .



Released to Imaging: 9/16/2024 9:30:39 AM

Location: Jackson B 30 WIW

Table 1 - Analytical Results

BTEX												
Xylene												
Toluene :thylbenzen												
Toluene												
Benzene												
TPH - DRO												
TPH - GRO TPH - DRO												
Chloride	1390	3480	4970	6910	15,900	15,700	2760	2180	2090	2610	2890	5440
Depth	0-1'	1'-1.5'	2'-2.5'	3'-3.5'	4'-4.5'	5'-5.5'	0-1'	1'-1.5'	2'-2.5'	3'-3.5'	4'-4.5'	5'-5.5'
Sample ID	SP-1						SP-2					
Date	9/13/2016											

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Location: Jackson B 30 WIW

Table 1 - Analytical Results

BTEX												
Xylene												
Toluene Ethylbenzen												
Toluene												
Benzene												
TPH - DRO												
TPH - GRO TPH - DRO												
Chloride	4760	2430	2710	929	1450	1280	464	408	3770	2960	3030	3160
Depth	6'-6.5'	0-1'	1'-1.5'	2'-2.5'	3'-3.5'	4'-4.5'	5'-5.5'	6'-6.5'	0-1'	1'-1.5'	2'-2.5'	3'-3.5'
Sample ID	SP-2	SP-3							SP-4			
Date	9/16/2016											

2

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000	B 30	
	Jackson	
	ocation:	

Table 1 - Analytical Results

	BTEX												
	Xylene												
	Toluene Ethylbenzen												
	Toluene												
ורכמורס	Benzene												
I anie T - Aliai) ricai Nesalio	TPH - DRO												
	TPH - GRO												
י מחום	Chloride	3250	3510	4030	46	35	37	213	1030	485	488	1940	3750
	Depth	4'-4.5'	5'-5.5'	6'-6.5'	0-1'	1'-1.5'	2'-2.5'	3'-3.5	4'-4.5	5'-5.5'	0-1'	1'-1.5'	2'-2.5'
	Sample ID	SP-4			SP-5						SP-6		
	Date	9/16/2016											

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Table 1 - Analytical Results

	BTEX											
	Xylene											
	Toluene Ethylbenzen											
	Toluene											
VEDUILD	Benzene											
y ucal I	TPH - DRO											
I anie T - Ailaiducai Nesalus	TPH - GRO TPH - DRO											
ומחוב	Chloride	4730	4310	316	18	10	532	2700	1630	329	217	
	Depth	3'-3.5'	4'-4.5	5'-5.5'	0-1'	1'-1.5'	2'-2.5	3'-3.5'	4'-4.5	5'-5.5'	6'-6.5'	
	Sample ID	SP-6			SP-7							
	Date	9/16/2016										

4

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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: Jackson 'B' -30 Project Number: [none] Location: Loco Hills ,NM

Lab Order Number: 6I13011



NELAP/TCEQ # T104704156-16-6

Report Date: 09/19/16

Fax:

Burnett Oil Company, Inc.	Project: Jackson 'B' -30
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 (0-1.0)	6113011-01	Soil	09/13/16 11:15	09-13-2016 11:15
SP1 (1-1.5)	6113011-02	Soil	09/13/16 11:15	09-13-2016 11:15
SP1 (2-2.5)	6113011-03	Soil	09/13/16 11:15	09-13-2016 11:15
SP1 (3-3.5)	6113011-04	Soil	09/13/16 11:15	09-13-2016 11:15
SP1 (4-4.5)	6113011-05	Soil	09/13/16 11:15	09-13-2016 11:15
SP1 (5-5.5)	6113011-06	Soil	09/13/16 11:15	09-13-2016 11:15
SP2 (0-1.0)	6113011-07	Soil	09/13/16 11:15	09-13-2016 11:15
SP2 (1-1.5)	6113011-08	Soil	09/13/16 11:15	09-13-2016 11:15
SP2 (2-2.5)	6113011-09	Soil	09/13/16 11:15	09-13-2016 11:15
SP2 (3-3.5)	6113011-10	Soil	09/13/16 11:15	09-13-2016 11:15
SP2 (4-4.5)	6113011-11	Soil	09/13/16 11:15	09-13-2016 11:15
SP2 (5-5.5)	6113011-12	Soil	09/13/16 11:15	09-13-2016 11:15
SP2 (6-6.5)	6113011-13	Soil	09/13/16 11:15	09-13-2016 11:15
SP3 (0-1.0)	6113011-14	Soil	09/13/16 11:15	09-13-2016 11:15
SP3 (1-1.5)	6113011-15	Soil	09/13/16 11:15	09-13-2016 11:15
SP3 (2-2.5)	6113011-16	Soil	09/13/16 11:15	09-13-2016 11:15
SP3 (3-3.5)	6113011-17	Soil	09/13/16 11:15	09-13-2016 11:15
SP3 (4-4.5)	6113011-18	Soil	09/13/16 11:15	09-13-2016 11:15
SP3 (5-5.5)	6I13011-19	Soil	09/13/16 11:15	09-13-2016 11:15
SP3 (6-6.5)	6I13011-20	Soil	09/13/16 11:15	09-13-2016 11:15
SP4 (0-1.0)	6113011-21	Soil	09/13/16 11:15	09-13-2016 11:15
SP4 (1-1.5)	6I13011-22	Soil	09/13/16 11:15	09-13-2016 11:15
SP4 (2-2.5)	6I13011-23	Soil	09/13/16 11:15	09-13-2016 11:15
SP4 (3-3.5)	6I13011-24	Soil	09/13/16 11:15	09-13-2016 11:15
SP4 (4-4.5)	6113011-25	Soil	09/13/16 11:15	09-13-2016 11:15
SP4 (5-5.5)	6I13011-26	Soil	09/13/16 11:15	09-13-2016 11:15
SP4 (6-6.6)	6I13011-27	Soil	09/13/16 11:15	09-13-2016 11:15
SP5 (0-1.0)	6113011-28	Soil	09/13/16 11:15	09-13-2016 11:15
SP5 (1-1.5)	6113011-29	Soil	09/13/16 11:15	09-13-2016 11:15
SP5 (2-2.5)	6113011-30	Soil	09/13/16 11:15	09-13-2016 11:15
SP5 (3-3.5)	6I13011-31	Soil	09/13/16 11:15	09-13-2016 11:15
SP5 (4-4.5)	6113011-32	Soil	09/13/16 11:15	09-13-2016 11:15
SP5 (5-5.5)	6113011-33	Soil	09/13/16 11:15	09-13-2016 11:15
SP6 (0-1.0)	6113011-34	Soil	09/13/16 11:15	09-13-2016 11:15

Burnett Oil Company, Inc.	Project: Jackson 'B' -30	Fax:
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
SP6 (1-1.5)	6I13011-35	Soil	09/13/16 11:15	09-13-2016 11:15
SP6 (2-2.5)	6I13011-36	Soil	09/13/16 11:15	09-13-2016 11:15
SP6 (3-3.5)	6I13011-37	Soil	09/13/16 11:15	09-13-2016 11:15
SP6 (4-4.5)	6I13011-38	Soil	09/13/16 11:15	09-13-2016 11:15
SP6 (5-5.5)	6I13011-39	Soil	09/13/16 11:15	09-13-2016 11:15
SP7 (0-1.0)	6I13011-40	Soil	09/13/16 11:15	09-13-2016 11:15
SP7 (1-1.5)	6I13011-41	Soil	09/13/16 11:15	09-13-2016 11:15
SP7 (2-2.5)	6I13011-42	Soil	09/13/16 11:15	09-13-2016 11:15
SP7 (3-3.5)	6I13011-43	Soil	09/13/16 11:15	09-13-2016 11:15
SP7 (4-4.5)	6I13011-44	Soil	09/13/16 11:15	09-13-2016 11:15
SP7 (5-5.5)	6113011-45	Soil	09/13/16 11:15	09-13-2016 11:15
SP7 (6-6.5)	6113011-46	Soil	09/13/16 11:15	09-13-2016 11:15

Permian Basin Environmental Lab, L.P.

Burnett Oil Company, Inc.	Project:	Jackson 'B' -30	Fax:
24 Smith Road Suite 100	Project Number:	[none]	
Midland TX, 79705	Project Manager:	Johnny Titsworth	

SP1 (0-1.0) 6I13011-01 (Soil)

		01130	11-01 (501	1)							
Analyte	F Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes		
	Permian Basin Environmental Lab, L.P.										
General Chemistry Parameters by H	EPA / Standard Methods										
Chloride	1390	10.6	mg/kg dry	10	P6I1504	09/15/16	09/16/16	EPA 300.0			
% Moisture	6.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation			

Permian Basin Environmental Lab, L.P.

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100	I	Project Num	ber: [none]						
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth					
		SI	P1 (1-1.5)						
		6113	011-02 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin F	Environme	ntal Lab, I	P.				
General Chemistry Parameters by El	PA / Standard Methods								
Chloride	3480	26.3	mg/kg dry	25	P6I1504	09/15/16	09/16/16	EPA 300.0	
% Moisture	5.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:		
24 Smith Road Suite 100	I	roject Num	ber: [none]							
Midland TX, 79705	P	roject Mana	ger: Johnny	Titsworth						
		SI	P1 (2-2.5)							
6113011-03 (Soil)										
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permi	an Basin F	Invironme	ntal Lab, I	P.					
General Chemistry Parameters by El	PA / Standard Methods									
Chloride	4970	26.3	mg/kg dry	25	P6I1504	09/15/16	09/16/16	EPA 300.0		
% Moisture	5.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:		
24 Smith Road Suite 100	I	roject Num	ber: [none]							
Midland TX, 79705	P	oject Mana	ger: Johnny	Titsworth						
		SI	P1 (3-3.5)							
6113011-04 (Soil)										
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permi	an Basin F	Cnvironme	ntal Lab, I	P.					
General Chemistry Parameters by El	PA / Standard Methods									
Chloride	6910	26.9	mg/kg dry	25	P6I1504	09/15/16	09/16/16	EPA 300.0		
% Moisture	7.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100	Ι	Project Num	ber: [none]						
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth					
		SI	P1 (4-4.5)						
		6113	011-05 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin F	Environme	ntal Lab, I	P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	15900	56.2	mg/kg dry	50	P6I1504	09/15/16	09/16/16	EPA 300.0	
% Moisture	11.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100	1	Project Num	ber: [none]						
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth					
		SI	21 (5-5.5)						
		6113	011-06 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	ian Basin I	Environme	ntal Lab, I	P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	15700	56.2	mg/kg dry	50	P6I1504	09/15/16	09/16/16	EPA 300.0	
% Moisture	11.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100	I	Project Num	ber: [none]						
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth					
		SI	P2 (0-1.0)						
		6113	011-07 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin F	Invironme	ntal Lab, I	P.				
General Chemistry Parameters by El	PA / Standard Methods								
Chloride	2760	10.5	mg/kg dry	10	P6I1504	09/15/16	09/16/16	EPA 300.0	
% Moisture	5.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100	I	Project Num	ber: [none]						
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth					
		SI	2 (1-1.5)						
		6113	011-08 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin F	Environme	ntal Lab, I	P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	2180	10.3	mg/kg dry	10	P6I1504	09/15/16	09/16/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100	1	Project Num	ber: [none]						
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth					
		SI	22 (2-2.5)						
		6113	011-09 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin I	Environme	ntal Lab, I	L .P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	2090	10.4	mg/kg dry	10	P6I1504	09/15/16	09/16/16	EPA 300.0	
% Moisture	4.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100	I	Project Num	per: [none]						
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth					
		SI	2 (3-3.5)						
		6113)11-10 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin F	nvironme	ntal Lab, I	P.				
General Chemistry Parameters by El	PA / Standard Methods								
Chloride	2610	10.3	mg/kg dry	10	P6I1504	09/15/16	09/16/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc.	Project: Jackson 'B' -30 Fax:									
24 Smith Road Suite 100	I	roject Num	ber: [none]							
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth						
		SI	22 (4-4.5)							
		6113	011-11 (Soi	l)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permi	an Basin F	Environme	ntal Lab, I	P.					
General Chemistry Parameters by El	PA / Standard Methods									
Chloride	2890	10.3	mg/kg dry	10	P6I1504	09/15/16	09/16/16	EPA 300.0		
% Moisture	3.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc.	Project: Jackson 'B' -30 Fax:									
24 Smith Road Suite 100	I	roject Num	ber: [none]							
Midland TX, 79705	P	roject Mana	ger: Johnny	Titsworth						
		SI	P2 (5-5.5)							
		6113	011-12 (Soi	il)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permi	an Basin F	Invironme	ntal Lab, I	P.					
General Chemistry Parameters by El	PA / Standard Methods									
Chloride	5440	26.3	mg/kg dry	25	P6I1504	09/15/16	09/16/16	EPA 300.0		
% Moisture	5.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100]	Project Num	ber: [none]						
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth					
		SI	P2 (6-6.5)						
		6113	011-13 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin F	Environme	ntal Lab, l	L .P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	4760	26.0	mg/kg dry	25	P6I1504	09/15/16	09/16/16	EPA 300.0	
% Moisture	4.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc. 24 Smith Road Suite 100 Midland TX, 79705		Project: Jackson 'B' -30 Fax: Project Number: [none] Project Manager: Johnny Titsworth									
Midland 1X, 79705	FT	5	P3 (0-1.0)	Insworth							
		6 I 13	011-14 (Soi	il)							
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes		
	Permi	an Basin I	Environme	ntal Lab, l	L .P.						
General Chemistry Parameters by El	PA / Standard Methods										
Chloride % Moisture	2430 5.0	10.5 0.1	mg/kg dry %	10 1	P6I1504 P6I1509	09/15/16 09/15/16	09/16/16 09/15/16	EPA 300.0 % calculation			

Burnett Oil Company, Inc.	Project: Jackson 'B' -30 Fax:									
24 Smith Road Suite 100	I	Project Num	ber: [none]							
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth						
		SI	23 (1-1.5)							
		6113	011-15 (Soi	il)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permi	an Basin I	Environme	ntal Lab, I	P.					
General Chemistry Parameters by E	PA / Standard Methods									
Chloride	2710	10.3	mg/kg dry	10	P6I1511	09/15/16	09/16/16	EPA 300.0		
% Moisture	3.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc.	Inc. Project: Jackson 'B' -30 Fax:										
24 Smith Road Suite 100]	Project Num	ber: [none]								
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth							
		SI	23 (2-2.5)								
		6113	011-16 (Soi	il)							
		Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes		
	Permi	an Basin I	Environme	ntal Lab, I	P.						
General Chemistry Parameters by El	PA / Standard Methods										
Chloride	929	5.05	mg/kg dry	5	P6I1511	09/15/16	09/16/16	EPA 300.0			
% Moisture	1.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation			

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100	I	roject Num	per: [none]						
Midland TX, 79705	Р	roject Manaş	ger: Johnny	Titsworth					
		SF	23 (3-3.5)						
		6113)11-17 (Soi	l)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin E	nvironme	ntal Lab, I	P.				
General Chemistry Parameters by El	PA / Standard Methods								
Chloride	1450	5.10	mg/kg dry	5	P6I1511	09/15/16	09/16/16	EPA 300.0	
% Moisture	2.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc.	Project: Jackson 'B' -30 Fax:										
24 Smith Road Suite 100	I	Project Num	ber: [none]								
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth							
		SI	23 (4-4.5)								
		6113	011-18 (Soi	il)							
		Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes		
	Permi	an Basin F	Environme	ntal Lab, I	P.						
General Chemistry Parameters by El	PA / Standard Methods										
Chloride	1280	5.15	mg/kg dry	5	P6I1511	09/15/16	09/16/16	EPA 300.0			
% Moisture	3.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation			

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100]	Project Num	ber: [none]						
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth					
		SI	P3 (5-5.5)						
		6113	011-19 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin F	Cnvironme	ntal Lab, I	P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	464	1.02	mg/kg dry	1	P6I1511	09/15/16	09/16/16	EPA 300.0	
% Moisture	2.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc.	Project: Jackson 'B' -30 Fax:										
24 Smith Road Suite 100	F	roject Num	ber: [none]								
Midland TX, 79705	P	Project Manager: Johnny Titsworth									
		SI	23 (6-6.5)								
		6I13	011-20 (Soi	il)							
		Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes		
	Permi	an Basin F	Environme	ntal Lab, l	L .P.						
General Chemistry Parameters by El	PA / Standard Methods										
Chloride	408	1.03	mg/kg dry	1	P6I1511	09/15/16	09/16/16	EPA 300.0			
% Moisture	3.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation			

Burnett Oil Company, Inc. 24 Smith Road Suite 100	Project: Jackson 'B' -30 Fax: Project Number: [none]									
Midland TX, 79705	Pı	Project Manager: Johnny Titsworth								
		SI	P4 (0-1.0)							
		6I13	011-21 (Soi	il)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permi	an Basin F	Environme	ntal Lab, l	L .P.					
General Chemistry Parameters by El	PA / Standard Methods									
Chloride	3770	25.8	mg/kg dry	25	P6I1511	09/15/16	09/16/16	EPA 300.0		
% Moisture	3.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc.		Project: Jackson 'B' -30						Fax:		
24 Smith Road Suite 100	I	Project Num	ber: [none]							
Midland TX, 79705	Р	roject Manager: Johnny Titsworth								
		SI	P4 (1-1.5)							
6I13011-22 (Soil)										
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permi	an Basin F	Invironme	ntal Lab, I	P .					
General Chemistry Parameters by El	PA / Standard Methods									
Chloride	2960	25.5	mg/kg dry	25	P6I1511	09/15/16	09/16/16	EPA 300.0		
% Moisture	2.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc.		Project: Jackson 'B' -30						Fax:		
24 Smith Road Suite 100	I	Project Num	ber: [none]							
Midland TX, 79705	P	roject Manager: Johnny Titsworth								
		SI	P4 (2-2.5)							
6I13011-23 (Soil)										
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permi	an Basin F	Invironme	ntal Lab, I	P.					
General Chemistry Parameters by El	PA / Standard Methods									
Chloride	3030	25.5	mg/kg dry	25	P6I1511	09/15/16	09/16/16	EPA 300.0		
% Moisture	2.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc.		Project: Jackson 'B' -30						Fax:		
24 Smith Road Suite 100	F	roject Num	ber: [none]							
Midland TX, 79705	P	roject Manager: Johnny Titsworth								
		SI	24 (3-3.5)							
6113011-24 (Soil)										
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permi	an Basin H	Environme	ntal Lab, I	P .					
General Chemistry Parameters by El	PA / Standard Methods									
Chloride	3160	25.8	mg/kg dry	25	P6I1511	09/15/16	09/16/16	EPA 300.0		
% Moisture	3.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		
Burnett Oil Company, Inc.	Project: Jackson 'B' -30 Fax:									
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24 Smith Road Suite 100	I	roject Num	per: [none]							
Midland TX, 79705	Р	roject Manaş	ger: Johnny	Titsworth						
		SF	94 (4-4.5)							
		6113)11-25 (Soi	il)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permi	an Basin E	nvironme	ntal Lab, I	P .					
General Chemistry Parameters by El	PA / Standard Methods									
Chloride	3250	25.8	mg/kg dry	25	P6I1511	09/15/16	09/16/16	EPA 300.0		
% Moisture	3.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc.	Project: Jackson 'B' -30 Fax:									
24 Smith Road Suite 100	F	roject Num	ber: [none]							
Midland TX, 79705	P	oject Mana	ger: Johnny	Titsworth						
		SI	P4 (5-5.5)							
		6113	011-26 (Soi	il)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permi	an Basin F	Cnvironme	ntal Lab, I	P.					
General Chemistry Parameters by E	PA / Standard Methods									
Chloride	3510	25.8	mg/kg dry	25	P6I1511	09/15/16	09/16/16	EPA 300.0		
% Moisture	3.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc.	Project: Jackson 'B' -30 Fax:									
24 Smith Road Suite 100	F	roject Num	ber: [none]							
Midland TX, 79705	P	oject Mana	ger: Johnny	Titsworth						
		SI	24 (6-6.6)							
		6113	011-27 (Soi	il)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permi	an Basin H	Environme	ntal Lab, I	P .					
General Chemistry Parameters by El	A / Standard Methods									
Chloride	4030	25.8	mg/kg dry	25	P6I1511	09/15/16	09/16/16	EPA 300.0		
% Moisture	3.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc.	Project: Jackson 'B' -30 Fax:									
24 Smith Road Suite 100]	Project Num	ber: [none]							
Midland TX, 79705	Р	Project Manager: Johnny Titsworth								
		SI	P5 (0-1.0)							
		6113	011-28 (Soi	il)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Perm	ian Basin F	Environme	ntal Lab, I	P.					
General Chemistry Parameters by E	PA / Standard Methods									
Chloride	46.7	1.04	mg/kg dry	1	P6I1511	09/15/16	09/16/16	EPA 300.0		
% Moisture	4.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc. 24 Smith Road Suite 100	I	Project: Jackson 'B' -30 Fa Project Number: [none]									
Midland TX, 79705	P	Project Manager: Johnny Titsworth									
		SI	P5 (1-1.5)								
		6113	011-29 (Soi	il)							
		Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes		
	Permi	an Basin F	Environme	ntal Lab, I	P.						
General Chemistry Parameters by El	PA / Standard Methods										
Chloride	34.6	1.03	mg/kg dry	1	P6I1511	09/15/16	09/16/16	EPA 300.0			
% Moisture	3.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation			

Burnett Oil Company, Inc.	Project: Jackson 'B' -30 Fax:									
24 Smith Road Suite 100	I	roject Num	ber: [none]							
Midland TX, 79705	P	roject Mana	ger: Johnny	Titsworth						
		SI	P 5 (2-2.5)							
		6I13	011-30 (Soi	il)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permi	an Basin F	Invironme	ntal Lab, I	P.					
General Chemistry Parameters by E	PA / Standard Methods									
Chloride	37.4	1.03	mg/kg dry	1	P6I1511	09/15/16	09/16/16	EPA 300.0		
% Moisture	3.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc.	Project: Jackson 'B' -30 Fax:									
24 Smith Road Suite 100	I	roject Num	ber: [none]							
Midland TX, 79705	P	Project Manager: Johnny Titsworth								
		SI	25 (3-3.5)							
		6113	011-31 (Soi	il)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permi	an Basin F	Environme	ntal Lab, I	P.					
General Chemistry Parameters by El	PA / Standard Methods									
Chloride	213	1.08	mg/kg dry	1	P6I1511	09/15/16	09/16/16	EPA 300.0		
% Moisture	7.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc.	Project: Jackson 'B' -30 Fax:									
24 Smith Road Suite 100	1	Project Num	ber: [none]							
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth						
		SI	P5 (4-4.5)							
		6113	011-32 (Soi	il)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permi	ian Basin I	Environme	ntal Lab, I	P.					
General Chemistry Parameters by E	PA / Standard Methods									
Chloride	1030	5.56	mg/kg dry	5	P6I1511	09/15/16	09/16/16	EPA 300.0		
% Moisture	10.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc.	Project: Jackson 'B' -30 Fax:									
24 Smith Road Suite 100]	Project Num	ber: [none]							
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth						
		SI	25 (5-5.5)							
		6113	011-33 (Soi	il)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permi	an Basin F	Environme	ntal Lab, I	P.					
General Chemistry Parameters by E	PA / Standard Methods									
Chloride	485	1.09	mg/kg dry	1	P6I1511	09/15/16	09/16/16	EPA 300.0		
% Moisture	8.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc.	Project: Jackson 'B' -30 Fax:									
24 Smith Road Suite 100	I	Project Num	ber: [none]							
Midland TX, 79705	P	roject Mana	ger: Johnny	Titsworth						
		SI	P6 (0-1.0)							
		6113	011-34 (Soi	il)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permi	an Basin F	Invironme	ntal Lab, I	P.					
General Chemistry Parameters by El	PA / Standard Methods									
Chloride	488	1.03	mg/kg dry	1	P6I1511	09/15/16	09/16/16	EPA 300.0		
% Moisture	3.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc.	Project: Jackson 'B' -30 Fax:									
24 Smith Road Suite 100]	Project Num	ber: [none]							
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth						
		SI	P6 (1-1.5)							
		6113	011-35 (Soi	il)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Perm	ian Basin F	Environme	ntal Lab, l	L. P.					
General Chemistry Parameters by E	PA / Standard Methods									
Chloride	1940	10.4	mg/kg dry	10	P6I1512	09/15/16	09/16/16	EPA 300.0		
% Moisture	4.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100]	Project Num	ber: [none]						
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth					
		SF	P 6 (2-2.5)						
		6113	011-36 (So	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin F	Invironme	ntal Lab, l	L. P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	3750	26.0	mg/kg dry	25	P6I1512	09/15/16	09/16/16	EPA 300.0	
% Moisture	4.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100	I	roject Num	ber: [none]						
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth					
		SI	26 (3-3.5)						
		6113	011-37 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin F	Environme	ntal Lab, I	P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	4730	26.9	mg/kg dry	25	P6I1512	09/15/16	09/16/16	EPA 300.0	
% Moisture	7.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100	Р	roject Num	per: [none]						
Midland TX, 79705	Pr	oject Mana	ger: Johnny	Titsworth					
		SI	P6 (4-4.5)						
		6113)11-38 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin F	nvironme	ntal Lab, I	P.				
General Chemistry Parameters by EF	A / Standard Methods								
Chloride	4310	25.0	mg/kg dry	25	P6I1512	09/15/16	09/16/16	EPA 300.0	
% Moisture	ND	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100	Р	roject Num	ber: [none]						
Midland TX, 79705	Pr	oject Mana	ger: Johnny	Titsworth					
		SI	26 (5-5.5)						
		6113	011-39 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin F	Environme	ntal Lab, l	L .P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	316	1.08	mg/kg dry	1	P6I1512	09/15/16	09/16/16	EPA 300.0	
% Moisture	7.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc. 24 Smith Road Suite 100	Project: Jackson 'B' -30 Project Number: [none] Project Manager: Johnny Titsworth							Fax:		
Midland TX, 79705	P	oject Mana	ger: Johnny	Titsworth						
		SI	27 (0-1.0)							
		6I13	011-40 (Soi	il)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Permi	an Basin H	Environme	ntal Lab, l	L .P.					
General Chemistry Parameters by El	PA / Standard Methods									
Chloride	18.1	1.08	mg/kg dry	1	P6I1512	09/15/16	09/16/16	EPA 300.0		
% Moisture	7.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation		

Burnett Oil Company, Inc.		Proje	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100	Ι	Project Numb	er: [none]						
Midland TX, 79705	P	roject Manag	ger: Johnny	Titsworth					
		SP	7 (1-1.5)						
		61130)11-41 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin E	nvironme	ntal Lab, I	P.				
General Chemistry Parameters by EI	PA / Standard Methods								
Chloride	10.5	1.12	mg/kg dry	1	P6I1512	09/15/16	09/16/16	EPA 300.0	
% Moisture	11.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100]	Project Num	ber: [none]						
Midland TX, 79705	Р	roject Manag	ger: Johnny	Titsworth					
		SF	7 (2-2.5)						
		6113	011-42 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin E	Invironme	ntal Lab, I	L .P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	532	1.14	mg/kg dry	1	P6I1512	09/15/16	09/16/16	EPA 300.0	
% Moisture	12.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100	Р	roject Num	ber: [none]						
Midland TX, 79705	Pı	oject Mana	ger: Johnny	Titsworth					
		SI	27 (3-3.5)						
		6113	011-43 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin F	Environme	ntal Lab, l	L .P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	2700	27.8	mg/kg dry	25	P6I1512	09/15/16	09/16/16	EPA 300.0	
% Moisture	10.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100	F	roject Num	ber: [none]						
Midland TX, 79705	P	oject Mana	ger: Johnny	Titsworth					
		SI	27 (4-4.5)						
		6113	011-44 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin F	Environme	ntal Lab, I	L .P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	1630	11.2	mg/kg dry	10	P6I1512	09/15/16	09/16/16	EPA 300.0	
% Moisture	11.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100	I	roject Num	ber: [none]						
Midland TX, 79705	Р	roject Mana	ger: Johnny	Titsworth					
		SI	27 (5-5.5)						
		6113	011-45 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin F	Environme	ntal Lab, I	P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	329	1.08	mg/kg dry	1	P6I1512	09/15/16	09/16/16	EPA 300.0	
% Moisture	7.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc.		Proj	ect: Jackson	n 'B' -30				Fax:	
24 Smith Road Suite 100]	Project Num	ber: [none]						
Midland TX, 79705	F	roject Mana	ger: Johnny	Titsworth					
		SI	27 (6-6.5)						
		6113	011-46 (Soi	il)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin I	Environme	ntal Lab, I	P.				
General Chemistry Parameters by E	PA / Standard Methods								
Chloride	217	1.11	mg/kg dry	1	P6I1512	09/15/16	09/16/16	EPA 300.0	
% Moisture	10.0	0.1	%	1	P6I1509	09/15/16	09/15/16	% calculation	

Burnett Oil Company, Inc.	Project:	Jackson 'B' -30	Fax:
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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P611504 - *** DEFAULT PREP ***										
Blank (P6I1504-BLK1)				Prepared: (09/15/16 Ai	nalyzed: 09	0/16/16			
Chloride	ND	1.00	mg/kg wet							
LCS (P6I1504-BS1)				Prepared: (09/15/16 Ai	nalyzed: 09	0/16/16			
Chloride	396	1.00	mg/kg wet	400		98.9	80-120			
LCS Dup (P6I1504-BSD1)				Prepared: (09/15/16 Ai	nalyzed: 09	0/16/16			
Chloride	423	1.00	mg/kg wet	400		106	80-120	6.61	20	
Duplicate (P6I1504-DUP1)	Sou	rce: 6I13002-	-23	Prepared: ()9/15/16 Ai	nalyzed: 09	0/16/16			
Chloride	ND	1.03	mg/kg dry		99.8				20	
Duplicate (P6I1504-DUP2)	Sou	rce: 6I13011-	05	Prepared: (09/15/16 Ai	nalyzed: 09	0/16/16			
Chloride	15900	56.2	mg/kg dry		15900			0.311	20	
Matrix Spike (P6I1504-MS1)	Sou	rce: 6I13002-	-23	Prepared: (09/15/16 Ai	nalyzed: 09	0/16/16			
Chloride	1040	1.03	mg/kg dry	1030	99.8	91.0	80-120			
Batch P6I1509 - *** DEFAULT PREP ***										
Blank (P6I1509-BLK1)				Prepared &	Analyzed:	09/15/16				
% Moisture	ND	0.1	%		-					
Blank (P611509-BLK2)				Prepared &	Analyzed:	09/15/16				
% Moisture	ND	0.1	%							
Duplicate (P6I1509-DUP1)	Sou	rce: 6I13003-	-01	Prepared &	Analyzed:	09/15/16				
% Moisture	6.0	0.1	%		6.0			0.00	20	

Permian Basin Environmental Lab, L.P.

Burnett Oil Company, Inc.	Project: Jackson 'B' -30	Fax:
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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6I1509 - *** DEFAULT PREP ***			0.000	20101	Ttoball	, ville		iu b		1.0005
Duplicate (P6I1509-DUP2)	Sour	rce: 6I13004-2	27	Prepared &	z Analyzed:	09/15/16				
% Moisture	16.0	0.1	%		15.0			6.45	20	
Duplicate (P6I1509-DUP3)	Sour)7	Prepared &	Analyzed:	09/15/16				
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P6I1509-DUP4)	Sour		9	Prepared &	Analyzed:	09/15/16				
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P6I1509-DUP5)	Sour	rce: 6I13011-4	4	Prepared &	Analyzed:	09/15/16				
% Moisture	11.0	0.1	%		11.0			0.00	20	
Duplicate (P6I1509-DUP6)	Sour	ce: 6I13011-4	6	Prepared &	Analyzed:	09/15/16				
% Moisture	9.0	0.1	%		10.0			10.5	20	
Batch P6I1511 - *** DEFAULT PREP ***										
Blank (P6I1511-BLK1)				Prepared: (09/15/16 A	nalyzed: 09	/16/16			
Chloride	ND	1.00	mg/kg wet							
LCS (P6I1511-BS1)				Prepared: ()9/15/16 A	nalyzed: 09	/16/16			
Chloride	401	1.00	mg/kg wet	400		100	80-120			
LCS Dup (P611511-BSD1)				Prepared: ()9/15/16 A	nalyzed: 09	/16/16			
Chloride	400	1.00	mg/kg wet	400		100	80-120	0.230	20	
Duplicate (P6I1511-DUP1)	Sour	rce: 6I13011-1	5	Prepared: ()9/15/16 A	nalyzed: 09	/16/16			
Chloride	2720	10.3	mg/kg dry		2710			0.486	20	

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Burnett Oil Company, Inc. 24 Smith Road Suite 100 Midland TX, 79705		Project N	roject: Jacl umber: [non nager: Joh		th				Fax	x:
General	Chemistry Para Permi	meters by an Basin	·			-	lity Cont	trol		
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P6I1511 - *** DEFAULT PREI	P ***									
Duplicate (P6I1511-DUP2)	Sour	ce: 6I13011-	25	Prepared: 0	09/15/16 A	nalyzed: 09	/16/16			
Chloride	3290	25.8	mg/kg dry		3250			1.20	20	
Matrix Spike (P6I1511-MS1)	Sour	ce: 6I13011-	15	Prepared: ()9/15/16 A	nalyzed: 09	/16/16			
Chloride	3830	10.3	mg/kg dry	1030	2710	109	80-120			
Batch P6I1512 - *** DEFAULT PRE	P ***									
Blank (P6I1512-BLK1)				Prepared: 0	09/15/16 A	nalyzed: 09	/16/16			
Chloride	ND	1.00	mg/kg wet							
LCS (P6I1512-BS1)				Prepared: ()9/15/16 A	nalyzed: 09	/16/16			
Chloride	407	1.00	mg/kg wet	400		102	80-120			
LCS Dup (P6I1512-BSD1)				Prepared: ()9/15/16 A	nalyzed: 09	/16/16			
Chloride	408	1.00	mg/kg wet	400		102	80-120	0.272	20	
Duplicate (P6I1512-DUP1)	Sour	ce: 6I13011-	35	Prepared: ()9/15/16 A	nalyzed: 09	/16/16			
Chloride	1970		mg/kg dry	1	1940			1.39	20	
Duplicate (P6I1512-DUP2)	Sour	ce: 6I13011-	45	Prepared ()9/15/16 A	nalyzed: 09	/16/16			
Chloride	319		mg/kg dry	pured. (329		. 10/10	3.11	20	
Matrix Spike (P6I1512-MS1)	Saure	ce: 6I13011-	35	Prepared ()9/15/16 A	analyzed: 09	/16/16			
Chloride	2920		mg/kg dry	1040	1940	94.2	80-120			

Burnett Oil Company, Inc.	Project: Ja	ackson 'B' -30	Fax:
24 Smith Road Suite 100	Project Number: [ne	none]	
Midland TX, 79705	Project Manager: Jo	ohnny Titsworth	

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

	Rin Barron		
:		Date:	9/19/2016

Report Approved By:

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.

Permian Basin Environmental Lab, L.P.

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			If requeste	If requeste	SP2	SP2	SP2	SP2	SP1	SP1	SP1	SP1	SP1	SP1					432-425-2891	Loco Hills,		Burnett O	Johnny Titsworth	U
Date	Date	9.13.10	If requested test and total Benzene exceeds 10 mg/kg -run deeper sample	If requested test and total TPH exceeds 5,000 mg/kg -run deeper sample If requested and total BTEX exceeds 50 mg/kg -run deeper sample															891	Texas 88255	P.O. Box 188 / 87 Square Lake Road	Burnett Oil Company	tsworth	CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST Permian Bi 1400 Rank
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Date	Date	7.13.16	Date	and total BTI test and tota	test and tota															91	Loco Hills, Texas 88255	P.O. Box 188 / 87 Square Lake Road	Company	sworth	CHAIN OF C
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From:	Patterson, Heather, EMNRD
To:	<u>"Tucker, Shelly"; Johnny Titsworth</u>
Cc:	Bratcher, Mike, EMNRD; Kyle Adams; Leslie Garvis; Crystal EMNRD Weaver (Crystal.Weaver@state.nm.us)
Subject:	RE: Jackson B 30 WIW
Date:	Tuesday, November 29, 2016 10:42:00 AM

RE: Burnett Oil * Jackson B #30 * 30-015-21386 * 2RP-3670

Johnny,

The OCD concurs with the BLM approval with one exception. We would like to see further delineation at SP1 and SP4 if possible.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, and for notification, please contact me.

Heather Patterson Environmental Specialist NMOCD District II Office (575)748-1283 ext.101 Cell (575)703-0228

From: Tucker, Shelly [mailto:stucker@blm.gov]
Sent: Monday, November 21, 2016 4:09 PM
To: Johnny Titsworth
Cc: Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD; Kyle Adams; Leslie Garvis
Subject: Re: Jackson B 30 WIW

BLM approves your work plan as written.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Shelly J Tucker

Environmental Protection Specialist O&G Spill/Release Coordinator

Bureau of Land Management 620 E. Greene St Carlsbad, NM 88220

575.234.5905 - Direct 575.361.0084 - Cellular 575.234.6235 - Emergency Spill Number

stucker@blm.gov

The **BLM acceptance/approval does not** relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state or local laws/regulations.

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On Fri, Nov 18, 2016 at 11:04 AM, Johnny Titsworth <<u>itisworth@burnettoil.com</u>> wrote:

All

Attached is the work plan and the analytical for the Jackson B 30 WIW. If there are any questions or concerns, feel free to contact us.

Johnny Titsworth HSE COORDINATOR

BURNETT OIL CO., INC. P.O. Box 188 CR 220 North Loco Hills, NM 88255 MOBILE: (432)-425-2891 EMAIL: jtitsworth@burnettoil.com

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From:	Johnny Titsworth
To:	Patterson, Heather, EMNRD
Cc:	Tucker, Shelly; Bratcher, Mike, EMNRD; Kyle Adams; Leslie Garvis; Weaver, Crystal, EMNRD
Subject:	Re: Jackson B 30 WIW
Date:	Tuesday, November 29, 2016 10:46:35 AM

I actually have diversified out this week delineating various locations. I do have this one on the list to be delineated at those two sample points.

Johnny Titsworth HSE Coordinator 432-425-2891 Sent from my iPhone

On Nov 29, 2016, at 10:42 AM, Patterson, Heather, EMNRD <<u>Heather.Patterson@state.nm.us</u>> wrote:

RE: Burnett Oil * Jackson B #30 * 30-015-21386 * 2RP-3670

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The OCD concurs with the BLM approval with one exception. We would like to see further delineation at SP1 and SP4 if possible.

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If you have any questions or concerns, and for notification, please contact me.

Heather Patterson Environmental Specialist NMOCD District II Office (575)748-1283 ext.101 Cell (575)703-0228

From: Tucker, Shelly [mailto:stucker@blm.gov]
Sent: Monday, November 21, 2016 4:09 PM
To: Johnny Titsworth
Cc: Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD; Kyle Adams; Leslie Garvis
Subject: Re: Jackson B 30 WIW

BLM approves your work plan as written.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Shelly J'Tucker

Environmental Protection Specialist O&G Spill/Release Coordinator

Bureau of Land Management 620 E. Greene St Carlsbad, NM 88220

575.234.5905 - Direct 575.361.0084 - Cellular 575.234.6235 - Emergency Spill Number

stucker@blm.gov

The **BLM acceptance/approval does not** relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state or local laws/regulations.

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On Fri, Nov 18, 2016 at 11:04 AM, Johnny Titsworth <<u>jtitsworth@burnettoil.com</u>> wrote:

All

Attached is the work plan and the analytical for the Jackson B 30 WIW. If there are any questions or concerns, feel free to contact us.

Johnny Titsworth HSE COORDINATOR

BURNETT OIL CO., INC. P.O. Box 188 CR 220 North Loco Hills, NM 88255 MOBILE: (432)-425-2891 EMAIL: jtitsworth@burnettoil.com

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replying to the message and deleting it from your computer. Any disclosure, copying, distribution, or the taking of any action concerning the contents of this message and any attachment(s) by anyone other than the named recipient(s) is strictly prohibited.

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District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

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EOG RESOURCES INC	7377
5509 Champions Drive	Action Number:
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