

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



Analytical Report

Prepared for:

Aaron Pachlhofer
Fasken Oil and Ranch, LTD
6101 Holiday Hill Road
Midland, TEXAS 79707

Project: Cabot Q SWD
Project Number: None Given
Location: Lea County, NM
Lab Order Number: 6F08001



NELAP/TCEQ # T104704156-13-3

Report Date: 06/08/16

Fasken Oil and Ranch, LTD
6101 Holiday Hill Road
Midland TEXAS, 79707

Project: Cabot Q SWD
Project Number: None Given
Project Manager: Aaron Pachlhofer

Fax: (432) 687-1777

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S1	6F08001-01	Soil	06/07/16 14:00	06-08-2016 11:38
S2	6F08001-02	Soil	06/07/16 14:07	06-08-2016 11:38

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S1
6F08001-01 (Soil)

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

General Chemistry Parameters by EPA / Standard Methods

Chloride	2260	11.9	mg/kg dry	10	P6F0803	06/08/16	06/08/16	EPA 300.0
% Moisture	16.0	0.1	%	1	P6F0804	06/08/16	06/08/16	% calculation

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S2

6F08001-02 (Soil)

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

General Chemistry Parameters by EPA / Standard Methods

Chloride	2240	11.2	mg/kg dry	10	P6F0803	06/08/16	06/08/16	EPA 300.0	
% Moisture	11.0	0.1	%	1	P6F0804	06/08/16	06/08/16	% calculation	

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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
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Batch P6F0803 - * DEFAULT PREP *****

Blank (P6F0803-BLK1)

Prepared & Analyzed: 06/08/16

Chloride	ND	1.00	mg/kg wet						
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LCS (P6F0803-BS1)

Prepared & Analyzed: 06/08/16

Chloride	183	1.00	mg/kg wet	200		91.7	80-120		
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LCS Dup (P6F0803-BSD1)

Prepared & Analyzed: 06/08/16

Chloride	185	1.00	mg/kg wet	200		92.4	80-120	0.793	20
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Duplicate (P6F0803-DUP1)

Source: 6F08001-02

Prepared & Analyzed: 06/08/16

Chloride	2290	11.2	mg/kg dry		2240			2.25	20
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Batch P6F0804 - * DEFAULT PREP *****

Blank (P6F0804-BLK1)

Prepared & Analyzed: 06/08/16

% Moisture	ND	0.1	%						
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Duplicate (P6F0804-DUP1)

Source: 6F08001-01

Prepared & Analyzed: 06/08/16

% Moisture	17.0	0.1	%		16.0			6.06	20
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Notes and Definitions

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

Report Approved By:



Date: 6/8/2016

Brent Barron, Laboratory Director/Technical Director

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