



AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pGRL1312639922

1RP - 2915

FASKEN OIL & RANCH LTD



1,000 500 0 1,000 2,000
 Distance in Feet

Figure 1
Site Location Map
Fasken Oil & Ranch, Ltd.
Denton SWD #3
Lea County, New Mexico



Basin Environmental Service Technologies, LLC
 3100 Plains Hwy.
 Lovington, NM 88260

Drawn By: BJA	Checked By: JWL
June 6, 2013	Scale: 1" = 2000'

2915

OCT 10 2013

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TABLE 2
FIELD-TEST RESULTS

FASKEN OIL & RANCH, LTD.
DENTON #3 SWD
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	Hach Quantab
				CHLORIDE (PPM)
TT-3 A	2.5'	10/7/2013	In-Situ	600
TT-3 B	2.5'	10/7/2013	In-Situ	652
TT-3 C	2.5'	10/7/2013	In-Situ	768
TT-3 D	2.5'	10/7/2013	In-Situ	768
TT-3 E	2.5'	10/7/2013	In-Situ	420
TT-4 A	2'	10/7/2013	In-Situ	2,496
TT-4 B	2'	10/7/2013	In-Situ	1,296
TT-4 C	2'	10/7/2013	In-Situ	280
TT-4 D	2'	10/7/2013	In-Situ	384
TT-5 A	2'	10/7/2013	In-Situ	1,724
TT-5 B	2'	10/7/2013	In-Situ	312
TT-6 A	2'	10/7/2013	In-Situ	<120
TT-6 B	2'	10/7/2013	In-Situ	<120
TT-6 C	2'	10/7/2013	In-Situ	<120
TT-7 A	2'	10/7/2013	In-Situ	120
TT-7 B	2'	10/7/2013	In-Situ	1,992
TT-8 A	2'	10/7/2013	In-Situ	768
TT-8 B	2'	10/8/2013	In-Situ	192
TT-9 A	2'	10/8/2013	In-Situ	<120
TT-9 B	2'	10/8/2013	In-Situ	<120
TT-9 C	2'	10/8/2013	In-Situ	<120
TT-10 A	2'	10/8/2013	In-Situ	164
TT-10 B	2'	10/8/2013	In-Situ	5,700
TT-11 A	2'	10/8/2013	In-Situ	3,860
TT-11 B	2'	10/8/2013	In-Situ	1,608
TT-11 C	2'	10/8/2013	In-Situ	384
TT-12 A	2'	10/8/2013	In-Situ	4,516
TT-12 B	2'	10/8/2013	In-Situ	964
TT-12 C	2'	10/8/2013	In-Situ	1,120
TT-13 A	2'	10/8/2013	In-Situ	192
TT-13 B	2'	10/8/2013	In-Situ	652
TT-13 C	2'	10/8/2013	In-Situ	2,304
TT-13 D	2'	10/8/2013	In-Situ	1,040

HOBBS OCD

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TABLE 2
FIELD-TEST RESULTSFASKEN OIL & RANCH, LTD.
DENTON #3 SWD
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	Hach Quantab
				CHLORIDE (PPM)
TT-14	2'	10/8/2013	In-Situ	140
TT-15	2'	10/8/2013	In-Situ	280
TT-16	2'	10/8/2013	In-Situ	120
TT-17 A	2'	10/8/2013	In-Situ	5,700
TT-17 B	2'	10/8/2013	In-Situ	6,164
TT-17 C	2'	10/8/2013	In-Situ	140

TABLE 1

HOBBS OCD

CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

OCT 10 2013

FASKEN OIL & RANCH, LTD.
DENTON SWD #3
LEA COUNTY, NEW MEXICO

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SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M			TOTAL TPH C ₆ -C ₂₈ (mg/Kg)	EPA: 300 CHLORIDE (mg/Kg)
				BENZENE E (mg/Kg)	TOLUENE (mg/Kg)	ETHYL- BENZENE E (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	ORO C ₂₈ -C ₃₅ (mg/Kg)		
TT-1 @ Surface	Surface	5/13/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	23.6	<10.0	<10.0	23.6	6,400
TT-1 @ 3.5'	3.5'	5/13/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	3,960
TT-2 @ Surface	Surface	5/13/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
TT-2 @ 2'	2'	5/13/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	3,000
NMOCD Standard				10				50				1,000	250

- = Not analyzed.