



PHONE (575) 393-2326 • 101 E MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
YATES PETROLEUM CORPORATION
ATTN: MIKE STUBBLEFIELD
105 SOUTH 4TH STREET
ARTESIA, NM 88210
FAX TO: (575) 748-4635

Receiving Date: 11/19/07

Reporting Date: 11/21/07

Project Number: NOT GIVEN

Project Name: CREEK AL FEDERAL #12 36-015-27775

Project Location: UT. E 25-18S-30E

Sampling Date: 11/13/07

Sample Type: SOIL

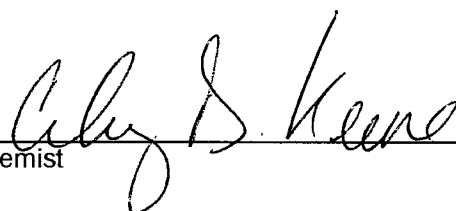
Sample Condition: INTACT

Sample Received By: SB

Analyzed By: AB

LAB NUME SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE	11/19/07	11/19/07	11/19/07	11/19/07
H13745-1 1. EXCAVATED AREA BOTTOM 12' DEPTH	<0.005	<0.005	<0.005	<0.015
H13745-2 2. EXCAVATED AREA NORTHSIDE WALL	<0.001	0.002	0.008	0.005
H13745-3 3. EXCAVATED AREA WESTSIDE WALL	<0.001	<0.001	0.004	<0.003
H13745-4 4. EXCAVATED AREA SOUTHSIDE WALL	<0.005	<0.005	<0.005	<0.015
H13745-5 5. EXCAVATED AREA EASTSIDE WALL	<0.001	<0.001	<0.001	<0.003
H13745-6 6. STOCKPILED SOIL	<0.005	<0.005	0.074	0.039
Quality Control	0.112	0.101	0.101	0.315
True Value QC	0.100	0.100	0.100	0.300
% Recovery	102	101	101	105
Relative Percent Difference	2.6	4.2	1.6	2.6

METHOD: EPA SW-846 8021B



Chemist

11/26/07

Date

H13745B YATES

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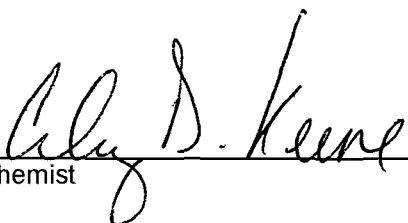
Receiving Date: 11/19/07
Reporting Date: 11/21/07
Project Number: NOT GIVEN
Project Name: CREEK AL FEDERAL #12
Project Location: UT. E 25-18S-30E

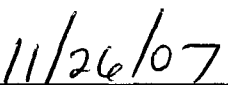
Sampling Date: 11/13/07
Sample Type: SOIL
Sample Condition: INTACT
Sample Received By: SB
Analyzed By: CK

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₂) (mg/kg)	DRO (>C ₁₂ -C ₂₈) (mg/kg)
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ANALYSIS DATE		11/20/07	11/20/07
H13745-1	1 EXCAVATED AREA BOTTOM 12' DEPTH	14.0	720
H13745-2	2 EXCAVATED AREA NORTHSIDE WALL	<10.0	<10.0
H13745-3	3 EXCAVATED AREA WESTSIDE WALL	<10.0	<10.0
H13745-4	4 EXCAVATED AREA SOUTHSIDE WALL	<10.0	407
H13745-5	5 EXCAVATED AREA EASTSIDE WALL	<10.0	38.9
H13745-6	6. STOCKPILED SOIL	24.2	1490
Quality Control		459	393
True Value QC		500	500
% Recovery		91.8	78.6
Relative Percent Difference		10.6	2.0

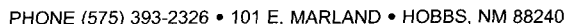
METHODS: TPH GRO & DRO: EPA SW-846 8015 M


Chemist


Date

H13745T YATES

PLEASE NOTE **Liability and Damages.** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



Analysis Date: 11/19/07
Sampling Date: 11/13/07
Sample Type: SOIL
Sample Condition: INTACT
Sample Received By: SB
Analyzed By: HM

Note: Analyses performed on 1:4 w:v aqueous extracts.

Date 11-26-07

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CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240

(325) 673-7001 Fax (325) 673-7020 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 2

Company Name: <u>Valco Petroleum Corporation</u>		BILL TO		ANALYSIS REQUEST																
Project Manager: <u>Mike Stubblefield</u>		P.O. #:																		
Address: <u>105 South 4th Street</u>		Company: <u>Valco Petro Corp.</u>																		
City: <u>Artesia</u> State: <u>N.M.</u> Zip: <u>88210</u>		Attn: <u>M. Ke Stubblefield</u>																		
Phone #: <u>505-513-1912</u> Fax #: <u>505-748-4335</u>		Address: <u>105 South 4th Street</u>																		
Project #: _____ Project Owner: <u>Mike Stubblefield</u>		City: <u>Artesia</u>																		
Project Name: <u>Creek AL Federal #12</u>		State: <u>N.M.</u> Zip: <u>88210</u>																		
Project Location: <u>vt. E 25-18-30c</u>		Phone #: <u>505-748-4500</u>																		
Sampler Name: <u>Mike Stubblefield</u>		Fax #: <u>505-748-4635</u>																		
FOR LAB USE ONLY				MATRIX				PRESERV.		SAMPLING										
Lab I.D.	Sample I.D.	(GRAB OR COMP.)	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	Chloride					
<u>1413745-1</u>	<u>1 Excavated area Bottom 12' depth</u>	<u>C</u>				<u>✓</u>					<u>✓</u>		<u>11/13/2007</u>	<u>2:00 PM</u>	<u>✓</u>					
<u>-2</u>	<u>2 Excavated Area Northside wall.</u>	<u>C</u>				<u>✓</u>					<u>✓</u>		<u>11/13/2007</u>	<u>2:10 PM</u>	<u>✓</u>					
<u>-3</u>	<u>3 Excavated area Westside wall.</u>	<u>C</u>				<u>✓</u>					<u>✓</u>		<u>11/13/2007</u>	<u>2:20 PM</u>	<u>✓</u>					
<u>-4</u>	<u>4 Excavated Area Southside wall.</u>	<u>C</u>				<u>✓</u>					<u>✓</u>		<u>11/13/2007</u>	<u>2:30 PM</u>	<u>✓</u>					
<u>-5</u>	<u>5 Excavated area Eastside wall.</u>	<u>C</u>				<u>✓</u>					<u>✓</u>		<u>11/13/2007</u>	<u>2:40 PM</u>	<u>✓</u>					
<u>-6</u>	<u>6 Stockpiled soil.</u>	<u>C</u>				<u>✓</u>					<u>✓</u>		<u>11/13/2007</u>	<u>2:50 PM</u>	<u>✓</u>					

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished:		Date: <u>11/16/2007</u>	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No
<u>Mike Stubblefield</u>		Time: <u>11:30 AM</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No
Relinquished By:		Date: <u>11/16/2007</u>	Received By: (Lab Staff)	REMARKS:
<u>Mike Stubblefield</u>		Time: <u>11:30 AM</u>	<u>See Barnes 11/19/07 1:35 PM</u>	
Delivered By: (Circle One)		Sample Condition:	Temp. °C	Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sampler - UPS - <input checked="" type="checkbox"/> Bus - Other:		Checked By: <u>SB</u>		

† Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 2

Company Name: <u>Valdes Petroleum Corporation</u>		BILL TO		ANALYSIS REQUEST																	
Project Manager: <u>Mike Stubblefield</u>		P.O. #:																			
Address: <u>105 South 4th Street</u>		Company: <u>Valdes Petco Corp.</u>																			
City: <u>Astoria</u> State: <u>N.M.</u> Zip: <u>88210</u>		Attn: <u>Mike Stubblefield</u>																			
Phone #: <u>505-913-1712</u> Fax #: <u>505-748-4335</u>		Address: <u>105 South 4th Street</u>																			
Project #: Project Owner: <u>Mike Stubblefield</u>		City: <u>Astoria</u>																			
Project Name: <u>Creek AL Federal #12</u>		State: <u>N.M.</u> Zip: <u>88210</u>																			
Project Location: <u>US. E 25-18-30c</u>		Phone #: <u>505-748-4500</u>																			
Sampler Name: <u>Mike Stubblefield</u>		Fax #: <u>505-748-4635</u>																			
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING													
Lab I.D.	Sample I.D.	(GRAB OR C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE	ICE / COOL	OTHER :	DATE	TIME	TPH	B-TX					
<u>H13745-1</u>	<u>1. Excavated Area Bottom 12' depth.</u>	<u>C</u>				<u>✓</u>				<u>✓</u>			<u>11/13/2007</u>	<u>2:00 PM</u>	<u>✓</u>	<u>✓</u>					
<u>-2</u>	<u>2. Excavated Area North side wall.</u>	<u>C</u>				<u>✓</u>				<u>✓</u>			<u>11/13/2007</u>	<u>2:10 PM</u>	<u>✓</u>	<u>✓</u>					
<u>-3</u>	<u>3. Excavated Area West side wall.</u>	<u>C</u>				<u>✓</u>				<u>✓</u>			<u>11/13/2007</u>	<u>2:20 PM</u>	<u>✓</u>	<u>✓</u>					
<u>-4</u>	<u>4. Excavated Area south side wall.</u>	<u>C</u>				<u>✓</u>				<u>✓</u>			<u>11/13/2007</u>	<u>2:30 PM</u>	<u>✓</u>	<u>✓</u>					
<u>-5</u>	<u>5. Excavated Area East side wall.</u>	<u>C</u>				<u>✓</u>				<u>✓</u>			<u>11/13/2007</u>	<u>2:40 PM</u>	<u>✓</u>	<u>✓</u>					
<u>-6</u>	<u>6. Stock piled soil</u>	<u>C</u>				<u>✓</u>				<u>✓</u>			<u>11/13/2007</u>	<u>2:50 PM</u>	<u>✓</u>	<u>✓</u>					

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Sampler Relinquished:		Date:	Received By:	Phone Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No
<u>Mike Stubblefield</u>		<u>11/16/2007</u>		Fax Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Time:				REMARKS:	
<u>11:30 am.</u>					
Relinquished By:		Date:	Received By: (Lab Staff)		
<u>Mike Stubblefield</u>		<u>11/16/2007</u>			
Time:					
<u>11:30 am</u>			<u>Sue Barnes 11/19/07 1:35pm</u>		
Delivered By: (Circle One)		Sample Condition/	Checked		
Sampler - UPS - <u>Bus</u> - Other:		Temp. °C	Intact?		
		<input checked="" type="checkbox"/> Yes	By:		
		<input type="checkbox"/> No	(In/Out)		
			<u>SB</u>		

† Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.