



ARDINAL LABORATORIES

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

MAR 27 2008

OCD-ARTESIA

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

Receiving Date: 03/18/08
Reporting Date: 03/20/08
Project Number: NOT GIVEN
Project Name: LOVING AIB STATE #16
Project Location: UT L 16-23S-28E

Sampling Date: 03/18/08
Sample Type: SOIL
Sample Condition: INTACT
Sample Received By: ML
Analyzed By: AB/CK

30-015-35449

LAB NO.	SAMPLE ID	GRO (C ₈ -C ₁₀) (mg/kg)	DRO (C ₁₀ -C ₂₈) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:		03/19/08	03/19/08	03/19/08	03/19/08	03/19/08	03/19/08
H14474-1	L1 IMPACTED AREA ON LOCATION SURFACE	<10.0	1,070	<0.020	0.116	<0.020	<0.060
H14474-5	O1 IMPACTED AREA OFF LOCATION SURFACE	<10.0	296	<0.020	0.118	<0.020	<0.060
Quality Control		429	570	0.102	0.098	0.092	0.292
True Value QC		500	500	0.100	0.100	0.100	0.300
% Recovery		85.8	114	102	98.1	91.5	97.3
Relative Percent Difference		5.3	5.6	2.3	0.1	0.2	<0.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B.

Chemist

Date

H14474AB 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 analysis. 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. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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Analysis Date: 03/19/08
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Sample Type: SOIL
Sample Condition: INTACT
Sample Received By: ML
Analyzed By: KS

LAB NUMBER SAMPLE ID		Cl ⁻ (mg/kg)
H14474-1	L1 IMPACTED AREA ON LOC. SURFACE	23,600
H14474-2	L2 IMPACTED AREA ON LOC. 1' DEPTH	2,720
H14474-3	L3 IMPACTED AREA ON LOC. 2' DEPTH	1,440
H14474-4	L4 IMPACTED AREA ON LOC. 3' DEPTH	144
H14474-5	O1 IMPACTED AREA OFF LOC. SURFACE	20,400
H14474-6	O2 IMPACTED AREA OFF LOC. 1' DEPTH	1250
H14474-7	O3 IMPACTED AREA OFF LOC. 2' DEPTH	496
H14474-8	O4 IMPACTED AREA OFF LOC. 3' DEPTH	208
H14474-9	O5 BACKGROUND	256
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		2.0

METHOD: Standard Methods

4500-Cl⁻B

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

Kerith Supraker
Chemist

03/21/08
Date

3/27/08 Per Meeting w/ Mike Stubblefield: Yates will excavate the 2' of impacted material - haul & replace with clean soils.
MS

H14474 YATES

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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