

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

(Revised 3/94)

PIT REMEDIATION AND CLOSURE REPORT

Operator: UNOCAL

Telephone: 801-686-7604

Address: P.O. Box 760 Moab, Utah 84532

Facility Or: Rincon Unit 99A Mesa Verde

Well Name

Location: Unit or Qtr/Qtr Sec E Sec 27 T 27N R 6W County Rio ArribaPit Type: Separator X Deyhydrator Other Land Type: BLM X State Fee Other Pit Location:
(Attach diagram)Pit dimensions: Length 27' width 20' depth 5'Reference: well head X Other Footage from reference: 25'Direction from reference: 90 Degrees East of North X
X West of South

Depth To Ground Water:

(Vertical distance from
contaminants to seasonal
high water elevation of
ground water)Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (0 points) 0

Wellhead Protection Area:

(Less than 200 feet from a private
domestic water source, or: less than
1000 feet from all water sources)Yes (20 points)
No (0 points) 0

Distance To Surface Water:

(Horizontal distance to perennial
lakes, ponds, rivers, streams, creeks,
irrigation canals and ditches)Less than 200 feet (20 points)
200 feet to 1000 feet (10 points)
Greater than 1000 feet (0 points) 10RANKING SCORE (TOTAL POINTS) : 10

Date Remediation Started: 09/27/94

Date completed: 09/30/94

Remediation Method: Excavation ☒

Approx. cubic yards 85

(Check all appropriate sections)

Landfarmed ☒

Insitu Bioramediaiton

Other

Remediation Location: Onsite ☒

Offsite

(ie. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: Contaminated soil was removed to a depth of 11'.

Equipment configuration kept pit from being excavated any deeper. TPH and BTEX samples from the 12' level indicated that closure regulations were not met. A Pit Closure Approval is requested based upon the remaining contaminated soil possesses no threat to groundwater. Double walled tank installed

A PIT CLOSURE APPROVAL IS REQUESTED based on the attached test results from the landfarm.

TPH = 34.0 mg/kg BTEX = Non-detect with PID for organic vapors.

Ground Water Encountered:

No ☒

Yes

Depth

Final Pit:

Closure Sampling:

(if multiple samples,

attach sample results

and diagram of sample

locations and depths)

Sample location Center of pit at 12' deep.

Sample depth 12'

Sample date 09/30/94

Sample time

Sample Results

Benzene (ppm) .3

Total BTEX (ppm) 8.3

Field headspace (ppm) 918

TPH 12,050 ppm

Ground Water Sample: Yes

No ☒

(if yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE 11/20/95

SIGNATURE

Mike Tabet

PRINTED NAME
AND TITLE

Mike Tabet
Staff HES Coordinator

ON SITE

TECHNOLOGIES, LTD.

OFF: (505) 325-8786

LAB: (505) 325-5667

Mike Tabet
UNOCAL
P.O. Box 850
Bloomfield, NM.

November 7, 1995

RE: Landfarm Closure of Phase I (1994 Operations) on the Rincon Lease

Mr. Tabet,

On Wednesday the November 26, 1995 landfarms constructed in 1994 were sampled. Five point composite samples were taken and analyzed using EPA Method 8015 for TPH (Total Petroleum Hydrocarbons). Laboratory results for the sampling are included with this report. Soils were checked using a PID (Photoionization Detector) for organic vapor. All landfarms constructed in 1994 were nondetect for organic vapors. The following is a list of landfarms sampled during this sampling event.

Rincon 150, Rincon 123, Rincon 99, Rincon 99A, Rincon 29A, Rincon 78,
Rincon 253, Rincon 149,

This closes the landfarms constructed in the summer of 1994. If there are any questions concerning this information or the status of the 1995 landfarming event please call Jon Little with On Site Technologies, Ltd.

Sincerely,



Jon Little
Project Geologist
On Site Technologies, Ltd

File: 4-1188

P. O. BOX 2606 • FARMINGTON, NM 87499

— TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT —

OFF: (505) 325-8786



LAB: (505) 325-5667

TOTAL PETROLEUM HYDROCARBONS

Attn: *Cindy Gray*
 Company: *On Site Technologies, Ltd.*
 Address: *657 W. Maple*
 City, State: *Farmington, NM 87401*

Date: *1-Nov-95*
 COC No.: *3612*
 Sample No. *8915*
 Job No. *4-1122*

Project Name: *Unocal Rincon Lease*
 Project Location: *Rincon 99A*
 Sampled by: *JL / Nov 1995*
 Analyzed by: *DC*
 Type of Sample: *Soil*

Date: *25-Oct-95* Time: *13:24*
 Date: *1-Nov-95*

Laboratory Analysis

Analyte	Result	Units of Measure	Detection Limit	Units of Measure
Gasoline Range (C5 - C9)	< 5.0	mg/kg	5.0	mg/kg
Diesel Range (C10 - C28)	489.1	mg/kg	5.0	mg/kg
	TOTAL	489.1		mg/kg

Quality Assurance ReportGRO QC No.: *0429-STD*DRO QC No.: *0430-STD***Calibration Check**

Analyte	Method Blank	Units of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	< 1	ppm	1,351	1,406	4.1	15%
Diesel Range (C10 - C28)	< 5	ppm	2,000	2,143	7.1	15%

Matrix Spike

Analyte	1- Percent Recovered	2- Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	89	111	(70-130)	16	20%
Diesel Range (C10-C28)	93	88	(70-130)	4	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: *[Signature]*Date: *11/1/95*

P. O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-8786

ON SITE
TECHNOLOGIES, LTD.

LAB: (505) 325-5667

TOTAL PETROLEUM HYDROCARBONS

Attn: *Jon Little*
Company: *On Site Technologies, Ltd.*
Address: *657 W. Maple*
City, State: *Farmington, NM 87401*

Date: *10/3/94*
Lab ID: *2151*
Sample No. *3365*
Job No. *4-1122*

Project Name: *Unocal Corporation / Pit Remediations Phase II*
Project Location: *Rincon 99A Pit Center @12'*
Sampled by: *JL* Date: *9/30/94* Time: *13:41*
Analyzed by: *DC* Date: *10/3/94*
Type of Sample: *Soil*

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
<i>3365-2151</i>	<i>Unocal Corporation / Pit Remediations Phase II Rincon 99A Pit Center @12'</i>	<i>12,050 mg/kg</i>

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by:

Date:

[Signature]
10/3/94

P. O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-8786

ON SITE
TECHNOLOGIES, LTD.

LAB: (505) 325-5667

AROMATIC VOLATILE ORGANICS

Attn: *Jon Little*
Company: *On Site Technologies, Ltd.*
Address: *657 W. Maple*
City, State: *Farmington, NM 87401*

Date: *10/1/94*
Lab ID: *2151*
Sample ID: *3365*
Job No. *4-1122*

Project Name: *Unocal Corporation / Pit Remediations Phase II*
Project Location: *Rincon 99A Pit Center @ 12'*
Sampled by: *JL* Date: *9/30/94*
Analyzed by: *DLA* Date: *10/1/94*
Sample Matrix: *Soil*

Time: *13:41*

Aromatic Volatile Organics

Component	Measured Concentration ug/kg	Detection Limit Concentration ug/kg
<i>Benzene</i>	<i>318</i>	<i>0.2</i>
<i>Toluene</i>	<i>288</i>	<i>0.2</i>
<i>Ethylbenzene</i>	<i>964</i>	<i>0.2</i>
<i>m,p-Xylene</i>	<i>6,340</i>	<i>0.2</i>
<i>o-Xylene</i>	<i>387</i>	<i>0.2</i>
<i>TOTAL 8,297 ug/kg</i>		

ND - Not Detectable

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by:

Date:

DLA
10/3/94

P. O. BOX 2606 • FARMINGTON, NM 87499

— TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT —

OFF: (505) 325-8786

ON SITE

TECHNOLOGIES, LTD.

LAB: (505) 325-5667

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 10/1/94

Internal QC No.: 0222-STD

Surrogate QC No.: 0223-STD

Reference Standard QC No.: 0355-STD

Method Blank

Analytes in Blank	Amount
Average Amount of All Analytes in Blank	<0.1 ppb

Calibration Check

Calibration Standards	Units of Measure	*True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20	20	1	15%
Toluene	ppb	20	20	0	15%
Ethylbenzene	ppb	20	19	6	15%
m,p-Xylene	ppb	40	38	5	15%
o-Xylene	ppb	20	19	4	15%

Spike Results

Analyte	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	37	38	(39-150)	2	20%
Toluene	36	36	(46-148)	0	20%
Ethylbenzene	37	37	(32-160)	0	20%
m,p-Xylene	38	38	(35-145)	1	20%
o-Xylene	37	38	(35-145)	2	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered	S3 Percent Recovered
Limits	(70-130)		
3365-2151	102		

S1: Fluorobenzene

P. O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

ON SITE

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
I.A.B: (505) 325-5667 • FAX: (505) 325-6256

Date: 1-10-1911

of

[illegible]

**ON SITE
TECHNOLOGIES, LTD.**

TOTAL PETROLEUM HYDROCARBONS

Attn: *Mike Tabet*
Company: *Unocal Corporation*
Address: *P.O. Box 760*
City, State: *Moab, UT 84532*

Date: *7/21/94*
Lab ID: *1668*
Sample No. *2032*
Job No. *4-1107*

Project Name: *Unocal Corporation Pit Assessments*
Project Location: *Rincon 99A; 3ft. Composite*
Sampled by: *JL/ML* Date: *7/19/94* Time: *NR*
Analyzed by: *DC* Date: *7/20/94*
Type of Sample: *Soil*

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
<i>2032-1668</i>	<i>Unocal Corporation Pit Assessments Rincon 99A; 3ft. Composite</i>	<i>81,125 mg/kg</i>

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: *[Signature]*
Date: *7/21/95*



CHAIN OF CUSTODY RECORD

142 1000

Date: _____ of _____ Page _____ of _____

657 W. Maple • P. O. Box 2606 • Farmington, NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Purchase Order No.:		Reference No.:		Name		Title	
SEND INVOICE TO		Company		Mailing Address		City, State, Zip	
Address		City, State, Zip		Telephone No.		Telefax No.	
Special Instructions:							
ANALYSIS REQUESTED							
Sampler:							
SAMPLE IDENTIFICATION		DATE/TIME SAMPLED		COMPOSITE/ GRAB		PRESERVATIVES	
1		1/1/00		C		V.C.	
2		1/2/00		C		V.C.	
3		1/3/00		C		V.C.	
4		1/4/00		C		V.C.	
5		1/5/00		C		V.C.	
6		1/6/00		C		V.C.	
7		1/7/00		C		V.C.	
8		1/8/00		C		V.C.	
9		1/9/00		C		V.C.	
10		1/10/00		C		V.C.	
11		1/11/00		C		V.C.	
12		1/12/00		C		V.C.	
13		1/13/00		C		V.C.	
14		1/14/00		C		V.C.	
15		1/15/00		C		V.C.	
16		1/16/00		C		V.C.	
17		1/17/00		C		V.C.	
18		1/18/00		C		V.C.	
19		1/19/00		C		V.C.	
20		1/20/00		C		V.C.	
21		1/21/00		C		V.C.	
22		1/22/00		C		V.C.	
23		1/23/00		C		V.C.	
24		1/24/00		C		V.C.	
25		1/25/00		C		V.C.	
26		1/26/00		C		V.C.	
27		1/27/00		C		V.C.	
28		1/28/00		C		V.C.	
29		1/29/00		C		V.C.	
30		1/30/00		C		V.C.	
31		1/31/00		C		V.C.	
32		2/1/00		C		V.C.	
33		2/2/00		C		V.C.	
34		2/3/00		C		V.C.	
35		2/4/00		C		V.C.	
36		2/5/00		C		V.C.	
37		2/6/00		C		V.C.	
38		2/7/00		C		V.C.	
39		2/8/00		C		V.C.	
40		2/9/00		C		V.C.	
41		2/10/00		C		V.C.	
42		2/11/00		C		V.C.	
43		2/12/00		C		V.C.	
44		2/13/00		C		V.C.	
45		2/14/00		C		V.C.	
46		2/15/00		C		V.C.	
47		2/16/00		C		V.C.	
48		2/17/00		C		V.C.	
49		2/18/00		C		V.C.	
50		2/19/00		C		V.C.	
51		2/20/00		C		V.C.	
52		2/21/00		C		V.C.	
53		2/22/00		C		V.C.	
54		2/23/00		C		V.C.	
55		2/24/00		C		V.C.	
56		2/25/00		C		V.C.	
57		2/26/00		C		V.C.	
58		2/27/00		C		V.C.	
59		2/28/00		C		V.C.	
60		2/29/00		C		V.C.	
61		2/30/00		C		V.C.	
62		3/1/00		C		V.C.	
63		3/2/00		C		V.C.	
64		3/3/00		C		V.C.	
65		3/4/00		C		V.C.	
66		3/5/00		C		V.C.	
67		3/6/00		C		V.C.	
68		3/7/00		C		V.C.	
69		3/8/00		C		V.C.	
70		3/9/00		C		V.C.	
71		3/10/00		C		V.C.	
72		3/11/00		C		V.C.	
73		3/12/00		C		V.C.	
74		3/13/00		C		V.C.	
75		3/14/00		C		V.C.	
76		3/15/00		C		V.C.	
77		3/16/00		C		V.C.	
78		3/17/00		C		V.C.	
79		3/18/00		C		V.C.	
80		3/19/00		C		V.C.	
81		3/20/00		C		V.C.	
82		3/21/00		C		V.C.	
83		3/22/00		C		V.C.	
84		3/23/00		C		V.C.	
85		3/24/00		C		V.C.	
86		3/25/00		C		V.C.	
87		3/26/00		C		V.C.	
88		3/27/00		C		V.C.	
89		3/28/00		C		V.C.	
90		3/29/00		C		V.C.	
91		3/30/00		C		V.C.	
92		3/31/00		C		V.C.	
93		4/1/00		C		V.C.	
94		4/2/00		C		V.C.	
95		4/3/00		C		V.C.	
96		4/4/00		C		V.C.	
97		4/5/00		C		V.C.	
98		4/6/00		C		V.C.	
99		4/7/00		C		V.C.	
100		4/8/00		C		V.C.	
101		4/9/00		C		V.C.	
102		4/10/00		C		V.C.	
103		4/11/00		C		V.C.	
104		4/12/00		C		V.C.	
105		4/13/00		C		V.C.	
106		4/14/00		C		V.C.	
107		4/15/00		C		V.C.	
108		4/16/00		C		V.C.	
109		4/17/00		C		V.C.	
110		4/18/00		C		V.C.	
111		4/19/00		C		V.C.	
112		4/20/00		C		V.C.	
113		4/21/00		C		V.C.	
114		4/22/00		C		V.C.	
115		4/23/00		C		V.C.	
116		4/24/00		C		V.C.	
117		4/25/00		C		V.C.	
118		4/26/00		C		V.C.	
119		4/27/00		C		V.C.	
120		4/28/00		C		V.C.	
121		4/29/00		C		V.C.	
122		4/30/00		C		V.C.	
123		5/1/00		C		V.C.	
124		5/2/00		C		V.C.	
125		5/3/00		C		V.C.	
126		5/4/00		C		V.C.	
127		5/5/00		C		V.C.	
128		5/6/00		C		V.C.	
129		5/7/00		C		V.C.	
130		5/8/00		C		V.C.	
131		5/9/00		C		V.C.	
132		5/10/00		C		V.C.	
133		5/11/00		C		V.C.	
134		5/12/00		C		V.C.	
135		5/13/00		C		V.C.	
136		5/14/00		C		V.C.	
137		5/15/00		C		V.C.	
138		5/16/00		C		V.C.	
139		5/17/00		C		V.C.	
140		5/18/00		C		V.C.	
141		5/19/00		C		V.C.	
142		5/20/00		C		V.C.	
143		5/21/00		C		V.C.	
144		5/22/00		C		V.C.	
145		5/23/00		C		V.C.	
146		5/24/00		C		V.C.	
147		5/25/00		C		V.C.	
148		5/26/00		C		V.C.	
149		5/27/00		C		V.C.	
150		5/28/00		C		V.C.	
151		5/29/00		C		V.C.	
152		5/30/00		C		V.C.	
153		5/31/00		C		V.C.	
154		6/1/00		C		V.C.	
155		6/2/00		C		V.C.	
156		6/3/00		C		V.C.	
157		6/4/00		C		V.C.	
158		6/5/00		C		V.C.	
159		6/6/00		C		V.C.	
160		6/7/00		C		V.C.	
161		6/8/00		C		V.C.	
162		6/9/00		C		V.C.	
163		6/10/00		C		V.C.	
164		6/11/00		C		V.C.	
165		6/12/00		C		V.C.	
166		6/13/00		C		V.C.	
167		6/14/00		C		V.C.	
168		6/15/00		C		V.C.	
169		6/16/00		C		V.C.	
170		6/17/00		C		V.C.	
171		6/18/00		C		V.C.	
172		6/19/00		C		V.C.	
173		6/20/00		C		V.C.	
174		6/21/00		C		V.C.	
175		6/22/00		C		V.C.	
176		6/23/00		C		V.C.	
177		6/24/00		C		V.C.	
178		6/25/00		C		V.C.	
179		6/26/00		C		V.C.	
180		6/27/00		C		V.C.	
181		6/28/00		C		V.C.	
182		6/29/00		C		V.C.	
183		6/30/00		C		V.C.	
184		7/1/00		C		V.C.	
185		7/2/00		C		V.C.	
186		7/3/00		C		V.C.	
187		7/4/00		C		V.C.	
188		7/5/00		C		V.C.	
189		7/6/00		C		V.C.	
190		7/7/00		C		V.C.	
191		7/8/00		C		V.C.	
192		7/9/00		C		V.C.	
193		7/10/00		C		V.C.	
194		7/11/00		C		V.C.	
195		7/12/00		C		V.C.	
196		7/13/00		C		V.C.	
197		7/14/00		C		V.C.	
198		7/15/00		C		V.C.	
199		7/16/00		C		V.C.	
200		7/17/00		C		V.C.	
201		7/18/00		C		V.C.	
202		7/19/00		C		V.C.	
203		7/20/00		C		V.C.	
204		7/21/00		C		V.C.	
205		7/22/00		C		V.C.	
206		7/23/00		C		V.C.	
207		7/24/00		C		V.C.	
208		7/25/00		C		V.C.	
209		7/26/00		C		V.C.	
210		7/27/00		C		V.C.	
211		7/28/00		C		V.C.	
212		7/29/00		C		V.C.	
213		7/30/00		C		V.C.	
214		7/31/00		C		V.C.	
215		8/1/00		C		V.C.	
216		8/2/00		C		V.C.	
217		8/3/00		C		V.C.	
218		8/4/00		C		V.C.	
219		8/5/00		C		V.C.	
220		8/6/00		C		V.C.	
221		8/7/00		C		V.C.	
222		8/8/00		C		V.C.	
223		8/9/00		C		V.C.	
224		8/10/00		C		V.C.	
225		8/11/00		C		V.C.	
226		8/12/00		C		V.C.	
227		8/13/00		C		V.C.	
228		8/14/00		C		V.C.	
229		8/15/00		C		V.C.	
230		8/16/00		C		V.C.	
231		8/17/00		C		V.C.	
232		8/18/00		C		V.C.	
233		8/19/00		C		V.C.	
234		8/20/00		C		V.C.	
235		8/21/00		C		V.C.	
236		8/22/00		C		V.C.	
237		8/23/00		C		V.C.	
238		8/24/00		C		V.C.	
239		8/25/00		C		V.C.	
240		8/26/00		C		V.C.	
241		8/27/00		C		V.C.	
242		8/28/00		C		V.C.	
243		8/29/00		C		V.C.	
244		8/30/00		C		V.C.	
245		8/31/00		C		V.C.	
246		9/1/00					



ON SITE TECHNOLOGIES, LTD.

TOTAL PETROLEUM HYDROCARBONS

Attn: *Jon Little*
Company: *On Site Technologies, Ltd.*
Address: *657 W. Maple*
City, State: *Farmington, NM 87401*

Date: *9/28/94*
Lab ID: *2137*
Sample No. *3270*
Job No. *4-1122*

Project Name: *Unocal*
Project Location: *Rincon 99A 6'6 1/2' depth Center of Pit*
Sampled by: *JL* Date: *9/27/94* Time:
Analyzed by: *DA* Date: *9/28/94*
Type of Sample: *Soil*

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
3270-2137	<i>Unocal</i> <i>Rincon 99A 6'6 1/2' depth Center of Pit</i>	52,551 mg/kg

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: 
Date: *9/24/94*

FAX: (505) 327-1496 • 24 HR. - (505) 327-7105 • OFF: (505) 325-8786
3005 NORTHRIDGE DRIVE • SUITE F • P. O. BOX 2606 • FARMINGTON, NEW MEXICO 87499



ON SITE TECHNOLOGIES, LTD.

AROMATIC VOLATILE ORGANICS

Attn: Jon Little
Company: On Site Technologies, Ltd.
Address: 657 W. Maple
City, State: Farmington, NM 87401

Date: 9/29/94
Lab ID: 2137
Sample ID: 3270
Job No. 4-1122

Project Name: Unocal
Project Location: Rincon 99A 6-6 1/2' depth Center of Pit
Sampled by: JL Date: 9/27/94
Analyzed by: DLA Date: 9/28/94
Sample Matrix: Soil

Time:

Aromatic Volatile Organics

Component	Measured Concentration ug/kg	Detection Limit Concentration ug/kg
Benzene	3,051	0.2
Toluene	5,772	0.2
Ethylbenzene	595	0.2
m,p-Xylene	3,466	0.2
o-Xylene	799	0.2
	TOTAL 13,683 ug/kg	

ND - Not Detectable

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by: 
Date: 9/29/94

FAX: (505) 327-1496 • 24 HR. - (505) 327-7105 • OFF: (505) 325-8786
3005 NORTHRIDGE DRIVE • SUITE F • P. O. BOX 2606 • FARMINGTON, NEW MEXICO 87499

ON SITE TECHNOLOGIES, LTD.



QUALITY ASSURANCE REPORT for EPA Method 8020

Date Analyzed: 9/28/94

Internal QC No.: 0222-STD

Surrogate QC No.: 0223-STD

Reference Standard QC No.: 0355-STD

Method Blank

Analytes in Blank	Amount
Average Amount of All Analytes In Blank	<0.1 ppb

Calibration Check

Calibration Standards	Units of Measure	*True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20	19	3	15%
Toluene	ppb	20	19	4	15%
Ethylbenzene	ppb	20	19	4	15%
m,p-Xylene	ppb	40	39	3	15%
o-Xylene	ppb	20	19	5	15%

Spike Results

Analyte	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	102	99	(39-150)	2	20%
Toluene	98	97	(46-148)	1	20%
Ethylbenzene	95	95	(32-160)	0	20%
m,p-Xylene	99	98	(35-145)	1	20%
o-Xylene	94	94	(35-145)	0	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered	S3 Percent Recovered
Limits	(70-130)		
3270-2137	98		

S1: Fluorobenzene



CHAIN OF CUSTODY RECORD

Date: 7-17-91

Page 1 of 1

657 W. Maple • P. O. Box 2646 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Purchase Order No.:		Reference No.:	
Name		Title	
Company		Company	
Address		Mailing Address	
City, State, Zip		City, State, Zip	
Telephone No.		Telephone No.	
Special Instructions:		Telex No.	
REPORT TO INVOICE		RESULTS TO	
Number of Containers		ANALYSIS REQUESTED	
Sampler:		Remarks (matrix)	
SAMPLE IDENTIFICATION		DATE/TIME SAMPLED	
COMPOSITE/ GRAB		PRESERVATIVES	
Relinquished by:		Date/Time	
Relinquished by:		Date/Time	
Relinquished by:		Date/Time	
Method of Shipment:		Date/Time	
Authorized by:		Date	
5 Working Days		10 Working Days	
Rush		Sampling Location:	

ON SITE TECHNOLOGIES, LTD.

TEST HOLE LOG and FIELD TESTING RESULTS

PROJECT: Unocal JOB # _____ DATE: 7-19-94
 SITE LOCATION: Rincon 99A CLIENT: _____
 SAMPLER: myke j. Jan
 METHOD: _____

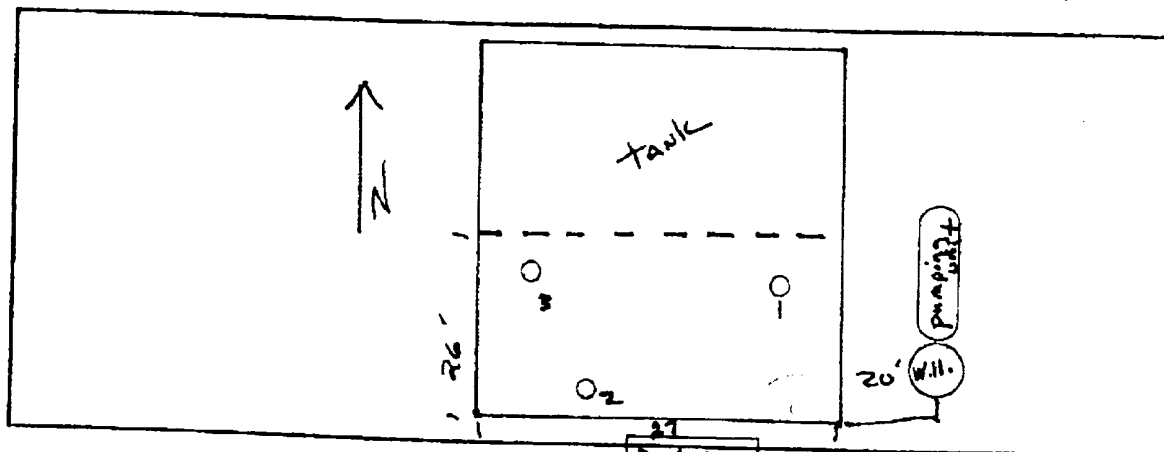
TEST HOLE #: 1, 2, 3 LAB SAMPLE IDS _____

DEPTH	SOIL TYPE	P.I.D. FIELD SCREENING	TPH EPA 418.1	OTHER REMARKS
T.1 3'	fgs silt & clay	769		Free oil on pit
T.2 3'	"	2500		
T.3 3'	"	618		
T.P.H. sample taken from P.I.D. samples after				
testing				

SITE SKETCH

WEATHER _____

APPROX. TEMP. _____



(505) 325-8786

FAX (505) 327-1496

3005 NORTHRIDGE DRIVE, SUITE F P.O. BOX 2608 FARMINGTON, NEW MEXICO 87499