

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DEPUTY OIL & GAS INSPECTOR

1000 Rio Brazos Rd., Aztec, NM 87410

FEB 28 1997

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

SUBMIT 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 136E DAKOTA

Well Name

Location: Unit or Qtr/Qtr Sec NW/NW Sec23 T 27N R 7W County Rio Arriba

Pit Type: Separator Deyhydrator Other Tank

Land Type: BLM X, State, Fee, Other

Pit Location:
(Attach diagram)

Pit dimensions: Length 12', width 14', depth 5'

Reference: well head, Other TANK

Footage from reference: 15'

Direction from reference: 195 Degerees East North
X West South X**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)	0

RANKING SCORE (TOTAL POINTS) : 0

Date Remediation Started: 08/17/95

Date completed: 08/17/95

Remediation Method: Excavation ☒

Approx. cubic yards 39

(Check all appropriate sections)

Landfarmed ☒

Insitu Bioramediaiton

Other

Remediation Location: Onsite ☒

Offsite

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

RINCON UNIT 136E LOCATION NW/NW SEC 23 T27N R7W

General Description of Remedial Action: Excavated contaminated soil to depth of 5' below ground level where soil below regulation limits was encountered. A double walled steel tank was installed.

The contaminated soil was landfarmed on the Rincon Unit 136E location and is now below regulation limits.

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

TPH = 62.2 mg/kg BTEX = 51.0 ug/kg

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 Bottom of pit at 5' in clean soil.

Sample depth 5'

Sample date 08/17/95

Sample time

Sample Results

Benzene (ppm) ND ppm

Total BTEX (ppm) 0.0314

Field headspace (ppm) 197

TPH 78

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 11/08/96

SIGNATURE

Mike Tabet

PRINTED NAME
AND TITLE

Mike Tabet
Staff HES Coordinator



OFF: (505) 325-8786

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: *21-Aug-95*
COC No.: *3248*
Sample No. *7811*
Job No. *2-1000*

Project Name: *Unocal Corporation*
Project Location: *Rincon 136 Tank Pit - Composite @ 5'*
Sampled by: *JL 136E* Date: *17-Aug-95* Time: *9:10*
Analyzed by: *GB* Date: *19-Aug-95*
Type of Sample: *Soil*

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
<i>7811-3248</i>	<i>Unocal Corporation Rincon 136 Tank Pit - Composite @ 5'</i>	<i>78 mg/kg</i>

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: *[Signature]*
Date: *8/21/95*

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OFF: (505) 325-8786



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: *21-Aug-95*
COC No.: *3248*
Sample No. *7811*
Job No. *4-1228*

Project Name: *Unocal Corporation*
Project Location: *Rincon 136 Tank Pit - Composite @ 5'*
Sampled by: *JL 136E* Date: *17-Aug-95* Time: *9:10*
Analyzed by: *DC/GB* Date: *18-Aug-95*
Type of Sample: *Soil*

Aromatic Volatile Organics

Component	Measured Concentration ug/kg	Detection Limit Concentration ug/kg
<i>Benzene</i>	ND	0.2
<i>Toluene</i>	9.2	0.2
<i>Ethylbenzene</i>	1.0	0.2
<i>m,p-Xylene</i>	16.5	0.2
<i>o-Xylene</i>	4.6	0.2
	TOTAL 31.4 ug/kg	

ND - Not Detectable

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

Approved by: *[Signature]*
Date: *8/21/95*

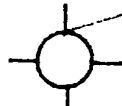
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GAS WELL

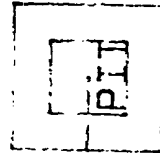


94'



251'

DEHY



FULL H₂O
SEMI-DIRTY
MOSTLY H₂O

138'

400 BBL.
PERMIAN
TANK

DRM
PIT

RECTIFIER

DEHYDRATOR# 5997 MAKE: P&A

TANK# 300181 SERIAL# 25167/92

SPUD 08/25/92

DATE 02/11/93

RINCON UNIT 136E DK/MV

NW/NW SEC 23 T27N R7W NMPM

METER# 97306

SF 079360

SCALE: NONE

UNOCAL

OFF: (505) 325-5667



LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn: *Cindy Gray*
 Company: *On Site Technologies, Ltd.*
 Address: *612 E. Murray Drive*
 City, State: *Farmington, NM 87401*

Date: *30-Jul-96*
 COC No.: *4280*
 Sample No. *11613*
 Job No. *2-1000*

Project Name: *Unocal Corporation - Rincon Unit 136E*
 Project Location: *Landfarm; 12pt. Composite*
 Sampled by: *DA* Date: *25-Jul-96* Time: *12:51*
 Analyzed by: *DC* Date: *29-Jul-96*
 Sample Matrix: *Soil*

Laboratory Analysis

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	62.2	mg/kg	5.0	mg/kg
	TOTAL	62.2		mg/kg

Quality Assurance Report

GRO QC No.: *0467-STD*
 DRO QC No.: *0479-STD*

Calibration Check

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,350	1,440	6.6	15%
Diesel Range (C10 - C28)	<5.0	ppm	2,000	2,018	0.9	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	102	109	(70-130)	5	20%
Diesel Range (C10-C28)	109	99	(70-130)	7	20%

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

Approved by: *[Signature]*
 Date: *7/30/96*

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ON SITE
TECHNOLOGIES, LTD.


AROMATIC VOLATILE ORGANICS

Date: 30-Jul-96
COC No.: 4280
Sample No. 11613
Job No. 2-1000

Sampled by: DA **Date:** 25-Jul-96 **Time:** 12:51
Analyzed by: DC **Date:** 26-Jul-96
Sample Matrix: Soil

Parameter		Result	Units of Measure	Detection Limit	Units of Measure
Benzene		0.5	ug/kg	0.2	ug/kg
Toluene		4.5	ug/kg	0.2	ug/kg
Ethylbenzene		7.3	ug/kg	0.2	ug/kg
m,p-Xylene		30.3	ug/kg	0.2	ug/kg
o-Xylene		8.4	ug/kg	0.2	ug/kg
	TOTAL	51.0	ug/kg		

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

Approved by: 
Date: 7/30/96

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