

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

SUBMIT 1 COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

(Revised 39/94)

**PIT REMEDIATION AND CLOSURE REPORT**

*may be duplicate for original signed 9/8/94 by Mike Tabor*

Operator: UNOCAL Telephone: 801-686-7604

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

Facility Or: Rincon Unit 134 Dakota  
Well Name

Location: Unit or Qtr/Qtr Sec B Sec 12 T 26N R 7W County Rio Arriba

Pit Type: Separator Deyhydrator X Other Tank

Land Type: BLM X State Fee Other

Pit Location: Pit dimensions: Length 20' width 20' depth 3-4'  
(Attach diagram)

Reference: well head X Other

Footage from reference: 20'

Direction from reference: 35 Degerees X East North X  
of West 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 |

RECEIVED  
DEC 20 1995

**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 |

OIL CON. DIV.  
DEC 20

**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)  | 10 |

RANKING SCORE (TOTAL POINTS) : 10

Date Remediation Started: 08/04/94

Date completed: 08/04/94

Remediation Method: Excavation ☒

Approx. cubic yards 650

(Check all appropriate sections)

Landfarmed ☒

Insitu Bioremediation

Other

Remediation Location: Onsite

Offsite

Rincon Unit 57E location – O Sec 01, T26N R6W

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

General Description of Remedial Action: Excavated soil to shale/sandstone at 16' depth. Refilled with clean soil. Installed double walled tank with leak detection.

TPH = 1091 mg/kg BTEX = 5.1

The contaminated soil was landfarmed on the Rincon Unit 57E DK/GL location.

A pit closure approval is requested based on the above test results and the Landfarm test results below.

TPH = 755 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

Final sample @ shale/sandstone bottom – 16'

Sample depth

16'

Sample date 03/14/94

Sample time

Sample Results

Benzene (ppm) 0.08

Total BTEX (ppm) 5.1

Field headspace (ppm) 101 – >2500

TPH 1091 mg/kg

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 11/29/95

SIGNATURE

*Mike Tabet*

PRINTED NAME  
AND TITLE

Mike Tabet  
Staff HES Coordinator



OIT: (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: *5/2/95*  
COC No. *3011*  
Sample No. *6102*  
Job No. *2-1000*

Project Name: *Unocal Landfarms*  
Project Location: *Rincon 57E - 5pt. Composite*  
Sampled by: *JL 134* Date: *4/26/95* Time: *11:06*  
Analyzed by: *BV* Date: *4/28/95*  
Type of Sample: *Soil*

**Laboratory Analysis**

| <b>Laboratory Identification</b> | <b>Sample Identification</b>                            | <b>Total Petroleum Hydrocarbons</b> |
|----------------------------------|---------------------------------------------------------|-------------------------------------|
| <i>6102-3011</i>                 | <i>Unocal Landfarms<br/>Rincon 57E - 5pt. Composite</i> | <i>755 mg/kg</i>                    |

**Method** - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: *Da 4*  
Date: *5/2/95*

OFF: (505) 325-8786



LAB: (505) 325-5667

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## Facsimile Cover Sheet

To: mike Tabet  
Company: Unocal  
Phone: (801) 686-2236  
Fax: (801) 686-2341

From: Jon Little  
Company: On Site Technologies, LTD.  
Lab Fax: (505) 325-6256  
Office Fax: (505) 327-1496

Date: 11/14/95  
Pages including this  
cover page: 3

Comments: These ARE the necessary test run on  
SFE and the ISI. The Analysis where 418.1.

PID readings were nondetect for both Landfills.  
Please call if there are any questions.

Jon

# ON SITE TECHNOLOGIES, LTD.

## TEST HOLE LOG and FIELD TESTING RESULTS

PROJECT: Unocal Pits JOB # 4-1076 DATE: 3-14-94

SITE LOCATION: Rincon 134 CLIENT: \_\_\_\_\_

SAMPLER: Jim Little

METHOD: \_\_\_\_\_

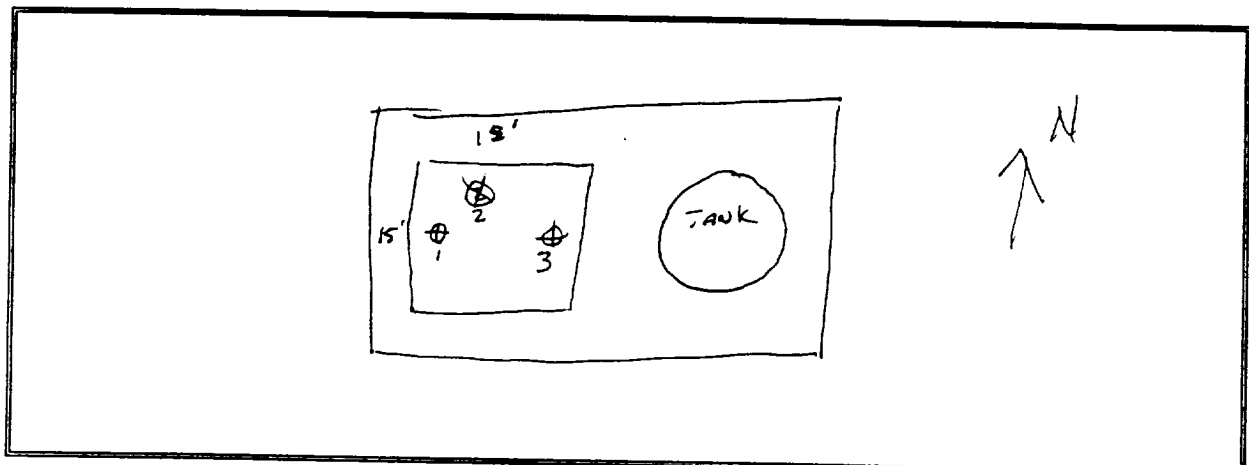
TEST HOLE #: 1, 2, 3 LAB SAMPLE IDS 1215 - 1459

| DEPTH                               | SOIL TYPE | P.I.D. FIELD SCREENING | TPH EPA 418.1 | OTHER REMARKS             |
|-------------------------------------|-----------|------------------------|---------------|---------------------------|
| T.H. 1<br>2-3'                      | sandy     | 1962                   |               | sandstone @ 2 1/2'        |
| T.H. 2<br>2-3'                      | sandy     | 1631                   |               | sandstone @ 2 1/2'        |
| T.H. 3<br>2-3'                      | sandy     | 1396                   |               | sandstone @ 2 1/2'        |
| T.H. 2<br>Auger to 3'               | sandy     |                        | T.P.H.        | Composite of T.H. 1, 2, 3 |
| oil on pit is mixed with sandy soil |           |                        |               |                           |
|                                     |           |                        |               |                           |
|                                     |           |                        |               |                           |

SITE SKETCH

WEATHER Sunny

APPROX. TEMP. ±70°



(505) 325-8786

FAX (505) 327-1496

3005 NORTHRIDGE DRIVE, SUITE F P.O.BOX 2606 FARMINGTON, NEW MEXICO 87499



## TOTAL PETROLEUM HYDROCARBONS

Attn: *Cindy Gray*  
 Company: *On Site Technologies*  
 Address: *3005 Northridge Drive, Ste.F*  
 City, State: *Farmington, NM 87401*

Date: *3/24/94*  
 Lab ID: *1459*  
 Sample No.  
 Job No. *4-1076*

Project Name: *Unocal / 24 Pit Site Assessment*  
 Project Location: *Rincon*  
 Sampled by: *JL* Date: *3/14/94*  
 Analyzed by: *JL* Date: *3/21/94*  
 Type of Sample: *Soil*

### Laboratory Analysis

| Laboratory Identification | Sample Identification                                                                     | Total Petroleum Hydrocarbons |
|---------------------------|-------------------------------------------------------------------------------------------|------------------------------|
| 1209-1459                 | Unocal / 24 Pit Site Assessment<br><i>Rincon 278</i> <i>52 PPTB</i>                       | 515 mg/kg <i>→ 310</i>       |
| 1210-1459                 | Unocal / 24 Pit Site Assessment<br><i>Rincon 184</i>                                      | 8510 mg/kg <i>→ 310</i>      |
| 1211-1459                 | Unocal / 24 Pit Site Assessment<br><i>Rincon 78</i>                                       | 21321 mg/kg <i>→ 310</i>     |
| 1212-1459                 | Unocal / 24 Pit Site Assessment<br><i>Rincon 151 Tank Pit</i>                             | 7788 mg/kg <i>→ 310</i>      |
| 1213-1459                 | Unocal / 24 Pit Site Assessment<br><i>Rincon 174M Tank Pit</i>                            | 60 mg/kg <i>→ 310</i>        |
| 1214-1459                 | Unocal / 24 Pit Site Assessment<br><i>Rincon 174M Dehydrator Pit</i> <i>100% to close</i> | 98 mg/kg <i>→ 310</i>        |
| 1215-1459                 | Unocal / 24 Pit Site Assessment<br><i>Rincon 134 Tank Pit</i>                             | 31324 mg/kg <i>→ 310</i>     |
| 1216-1459                 | Unocal / 24 Pit Site Assessment<br><i>Rincon 57E Gallup Dehydrator Pit</i>                | 1519 mg/kg <i>→ 310</i>      |
| 1217-1459                 | Unocal / 24 Pit Site Assessment<br><i>Rincon 57E Dakota</i> <i>100% to close</i>          | 127 mg/kg <i>→ 310</i>       |
| 1218-1459                 | Unocal / 24 Pit Site Assessment<br><i>Rincon 57E Tank Pit</i>                             | 1726 mg/kg <i>→ 310</i>      |
| 1219-1459                 | Unocal / 24 Pit Site Assessment<br><i>Rincon 300</i>                                      | 3843 mg/kg <i>→ 310</i>      |

**Method - EPA Method 418.1 Total Petroleum Hydrocarbons**

Approved by: *[Signature]*

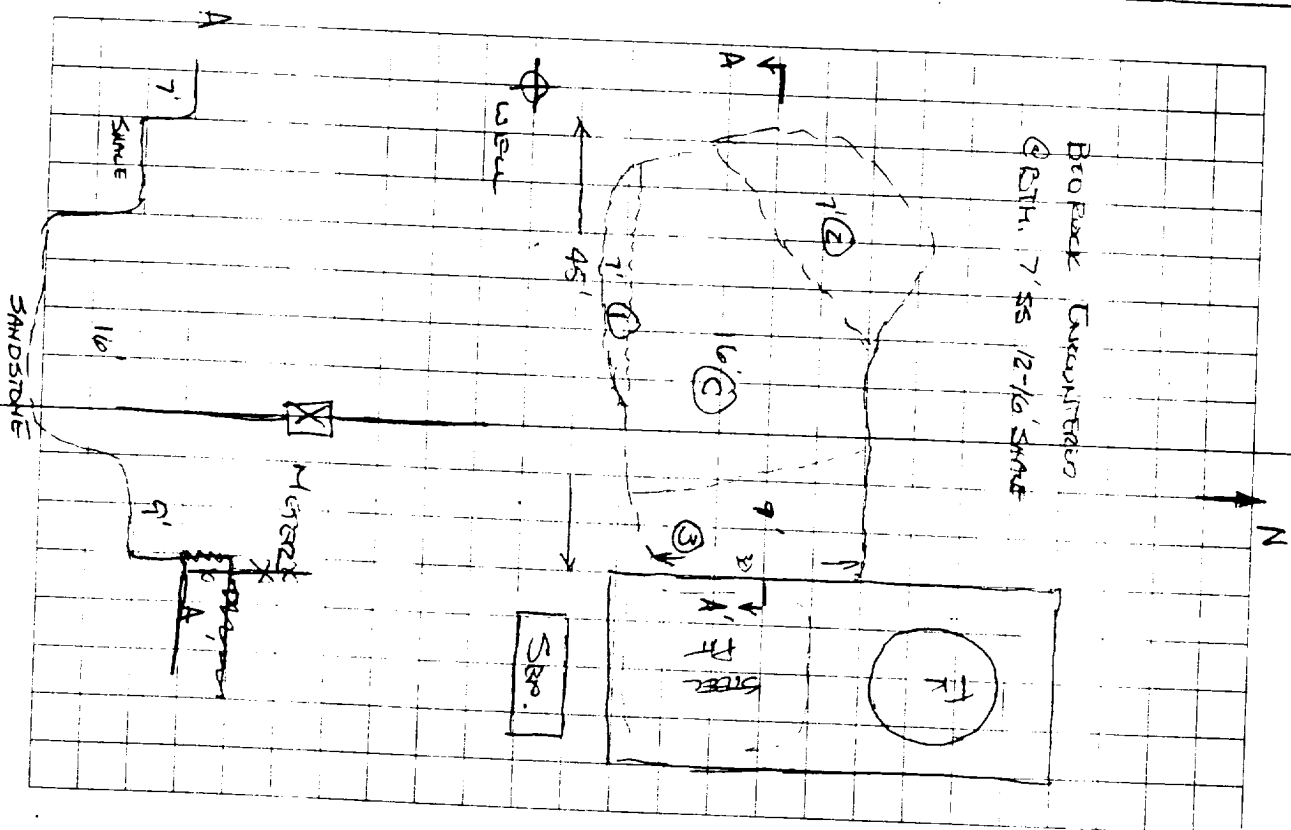
Date: *3/24/94*

UNOCAT 4-1111  
Pir Customs  
8/4/94

Location: River 134  
T.E.P.T.

| Depth | Gravel | 101 | Sup. for TP4 | TP4 | TP4 |
|-------|--------|-----|--------------|-----|-----|
| 200'  |        |     |              |     |     |
| 207'  |        |     |              |     |     |
| 209'  |        |     |              |     |     |

| TPH       | M       | V    | D <sub>u</sub> | R   | TPH RM |
|-----------|---------|------|----------------|-----|--------|
| Correll's | S. 28   | 25m  | 111            | 227 | 109    |
| PT        | Locater | 35'E | 25'N           | of  | head   |
| cy:       | 6501    |      |                |     |        |





**ON SITE  
TECHNOLOGIES, LTD.**  
**TOTAL PETROLEUM HYDROCARBONS**

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

Date: 8/8/94  
Lab ID: *FIELD*  
Sample No.  
Job No. 4-1111

Project Name: *Unocal Corporation / Pit Remediations - Closure*  
Project Location: *Rincon 134 - Comp. @ 16'*  
Sampled by: *ML* Date: 8/4/94 Time: NA  
Analyzed by: *ML* Date: 8/4/94  
Type of Sample: *Soil*

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**Laboratory Analysis**

| <b>Laboratory Identification</b> | <b>Sample Identification</b>                                                              | <b>Total Petroleum Hydrocarbons</b> |
|----------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------|
| <i>FIELD</i>                     | <i>Unocal Corporation / Pit Remediations - Closure</i><br><i>Rincon 134 - Comp. @ 16'</i> | 1,091 mg/kg                         |

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**Method - EPA Method 418.1 Total Petroleum Hydrocarbons**

Approved by: 

Date: 8/16/94