

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

Denny E. Foster
DEPUTY OIL & GAS INSPECTOR
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

SEP 10 1996

(Revised 39/94)

PIT REMEDIATION AND CLOSURE REPORT

Operator: UNOCAL

Telephone: 801-686-7604

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

Facility Or: Rincon Unit 57E GL
Well Name

Location: Unit or Qtr/Qtr Sec O Sec 01 T 26N R 7W County Rio Arriba

Pit Type: Separator Deyhdrtor X Other

Land Type: BLM X State Fee Other

Pit Location: (Attach diagram) Pit dimensions: Length 10', width 10', depth 3-4'

Reference: well head Other Dehydrator

Footage from reference: 15'

Direction from reference: 45 Degrees X East of North X
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)	<u>0</u>

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)	<u>0</u>

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)	<u>10</u>

RANKING SCORE (TOTAL POINTS) : 10

RECEIVED
DEC 20 1995
OIL CON. DIV.
DIST. 3

Date Remediation Started: 08/01/94

Date completed: 08/01/94

Remediation Method: Excavation ☒

Approx. cubic yards 50

(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: Excavated soil to depth of 8'. Hit bedrock. Refilled with clean soil.

Installed double walled tank with leak detection. Excavated to below closure standards.

TPH = 106 mg/kg BTEX = Low detect

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

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

TPH = 755 mg/kg BTEX = Non-detect with PID for organic vapors.

Ground Water Encountered: No ☒ Yes Depth

Final Pit: Sample location Bottom of pit at 8' depth.

Closure Sampling:

(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample depth 8'

Sample date 08/01/94

Sample time

Sample Results

Benzene (ppm) NA

Total BTEX (ppm) NA

Field headspace (ppm) 123

TPH 106 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) 325-8766



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*
Analyzed by: *BV*
Type of Sample: *Soil*

Date: *4/26/95* Time: *11:06*
Date: *4/28/95*

Laboratory Analysis

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

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

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

OFF: (505) 325-8786



LAB: (505) 325-5667

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
57E and the 151. The analysis where 418.1.

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

Jon



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 Rincon 278 <i>20 PPTs</i>	515 mg/kg <i>US 40 LISTED TO CLOSURE</i>
1210-1459	Unocal / 24 Pit Site Assessment Rincon 184	8510 mg/kg <i>→ B10</i>
1211-1459	Unocal / 24 Pit Site Assessment Rincon 78	21321 mg/kg <i>→ B10</i>
1212-1459	Unocal / 24 Pit Site Assessment Rincon 151 Tank Pit	7788 mg/kg <i>→ B10</i>
1213-1459	Unocal / 24 Pit Site Assessment Rincon 174M Tank Pit	60 mg/kg <i>→ 20 PPTs</i>
1214-1459	Unocal / 24 Pit Site Assessment Rincon 174M Dehydrator Pit <i>US 40 LISTED TO CLOSURE</i>	98 mg/kg <i>→ POSSIBLE CLOSURE</i>
1215-1459	Unocal / 24 Pit Site Assessment Rincon 134 Tank Pit	31324 mg/kg <i>→ B10</i>
1216-1459	Unocal / 24 Pit Site Assessment Rincon 57E Gallup Dehydrator Pit	1519 mg/kg <i>→ EXHAUST TO MAIN PIT 3</i>
1217-1459	Unocal / 24 Pit Site Assessment Rincon 57E Dakota <i>100 PPTs</i>	127 mg/kg <i>→ FOR B10</i>
1218-1459	Unocal / 24 Pit Site Assessment Rincon 57E Tank Pit	1726 mg/kg <i>→ B10</i>
1219-1459	Unocal / 24 Pit Site Assessment Rincon 300	3843 mg/kg

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: *[Signature]*

Date: *3/24/94*

ON SITE TECHNOLOGIES, LTD.

TEST HOLE LOG and FIELD TESTING RESULTS

PROJECT: Unocal Pet JOB # 4-1076 DATE: 3-15-94

SITE LOCATION: Rincon STE CLIENT: _____

Gallup Dehy Pit SAMPLER: Jim Little

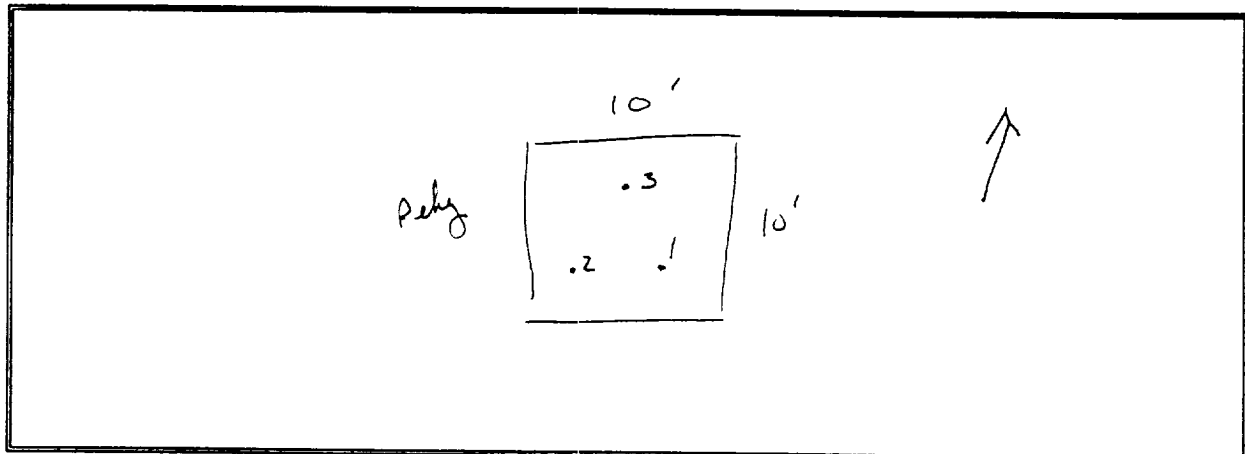
METHOD: _____

TEST HOLE #: 1,2,3 LAB SAMPLE IDS 1216-1459

DEPTH	SOIL TYPE	P.I.D. FIELD SCREENING	TPH EPA 418.1	OTHER REMARKS
T.H. 1,	Clay sand	2499	N/A	
TH 2	Clay sand	1893	N/A	
T.H. 3	Clay sand	2500	N/A	
TH. 2 2 1/2 - 3'			TPH	T.P.H. sandrock @ 2 1/2 to 3'

SITE SKETCH

WEATHER Sunny / dry APPROX. TEMP. + 70 °F



(505) 325-8786

FAX (505) 327-1496

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

INOCUL
 Pt. Cuscuta 4-11-11
 2/1/94

Location: Rindson STE
 In. G. 1000 ft. Deny/500'

CNH
 500' x 100' x 2500
 450' x 100' x 2500
 100' x 100' x 123
 N @ 9' 72500

TPH 1000 ft. x 100' x 100'
 W.C. 2500 ft. x 100' x 100'
 S. 23 1:1 22
 Boundary 100'

PIT LAMERO N45°E OF Deny, 1/5'

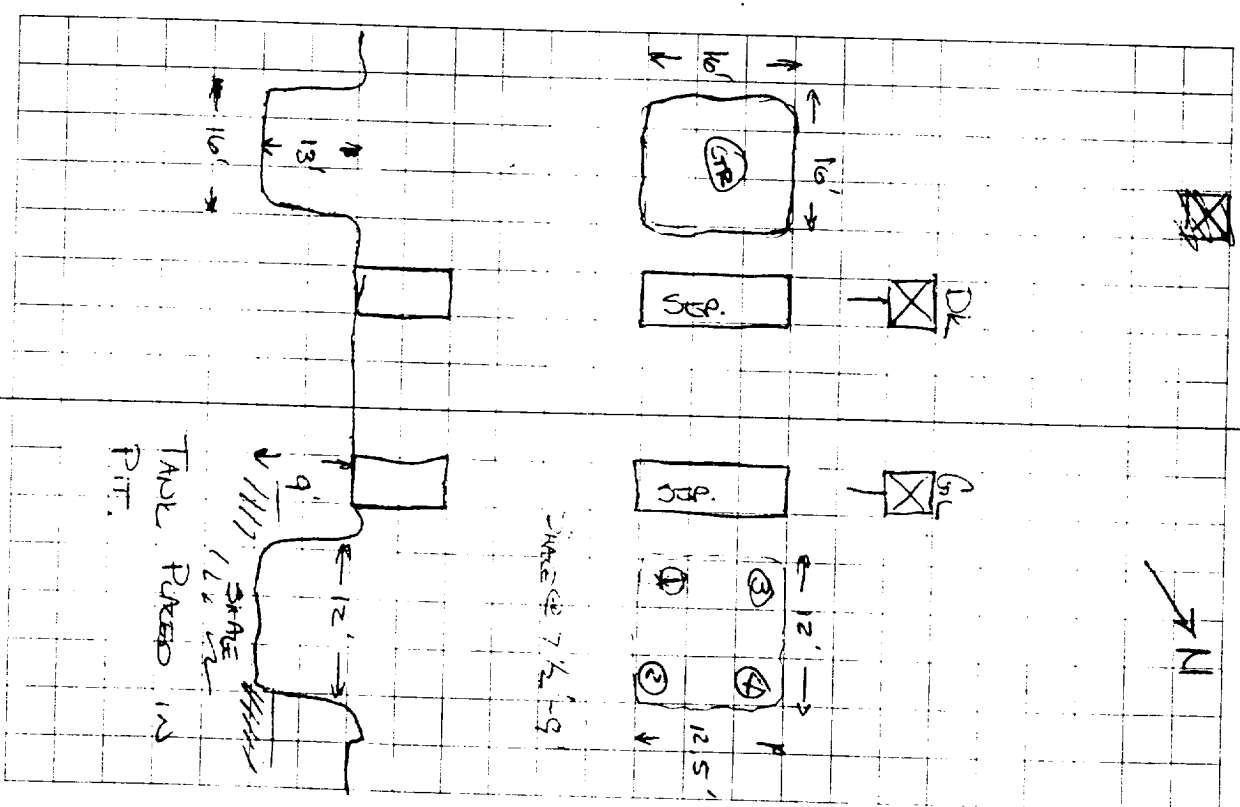
CY: 500
 TO BEDROCK

TANK REPAIRED IN PIT.

Pt: DNE
 CTR. CNH 312.00M
 TPH 91.00M

H = 5.23
 V = 25.4
 R = 19

137cy
 REPAIRED



TANK REPAIRED IN PIT.



TOTAL PETROLEUM HYDROCARBONS

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

Date: *8/16/94*
Lab ID: *FIELD*
Sample No. *TEST*
Job No. *4-1111*

Project Name: *Unocal Corporation / Pit Remediations - Closure*
Project Location: *Rincon 57E Gal. Pit @ Bedrock*
Sampled by: *MKL* Date: *8/1/94* Time: *NR*
Analyzed by: *MKL* Date: *8/1/94*
Type of Sample: *Soil*

Mobil Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
<i>FIELD TEST</i>	<i>Unocal Corporation / Pit Remediations - Closure</i> <i>Rincon 57E Gal. Pit @ Bedrock</i>	<i>106 mg/kg</i>

Method - *EPA Method 418.1 Total Petroleum Hydrocarbons*

Approved by:

Date:

Jan 64
8/16/94