P.O. Box 1980, Hobbs, NM 88/240 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)

REMEDIATION AND CLOSURE REPORT

Operator: UNOCAL		Tele	ephone: 801-686-760	4
Address: P.O. Box 760 Me	oab, Utah 84532			
Facility Or: Rincon Unit a	81 Mesa Verde			
Location: Unit or Qtr/Qtr Sec	K Sec 17	T 27N R 6W County	Rio Arriba	
Pit Type: Separator	Deyhdrator X	Other		
Land Type: BLM X,	State, Fee			
Pit Location: Pit (Attach diagram)	dimensions: Length 25'	, width 20'	, depth 3'	
Re	ference: well head X	_, Other		
Fo	otage from reference: 95'			
Dir	rection from reference: 114	1 Degrees	East North	x
			of West South	
Depth To Ground Water: (Vertical distance from		Less than 50 feet 50 feet to 99 feet	(20 points) (10 points)	
contaminants to seasonal high water elevation of		Greater than 100 feet	• • •	10
ground water)	DECEINE	9		
Wellhead Protection Area: (Less than 200 feet from a priavate	DEC 2 0 1995	Yes No	(20 points) (0 points)	10
domestic water source, or; less than 1000 feet from all water sources)			(o points)	10_
Distance To Surface Water:	OIL CON. DI Diet. 3			
(Horizontal distance to perennial	ಅಡಿದಿ ತ	Less than 200 feet 200 feet to 1000 feet	(20 points) (10 points)	
lakes, ponds, rivers, streams, creeks. irrigation canals and ditches)		Greater than 1000 feet	(0 points)	10
,	mail were	RANKING SCORE (TOTAL POINTS)		
	Harre	RANKING SCORE (TOTAL POINTS)): 	30

Date Remediation Started: 09/19/94	Date completed: 09/19/94
Remediation Method: Excavation X	Approx. cubic yards 85
(Check all appropriate sections) Landfarmed X	Insitu Bioramediaiton
Other	
Remediation Location: Onsite Offsite	RINGED UNIT 253 FC LOCATION
(ie. landfarmed onsite, name and location of offsite facility)	N 52017 727N R6W
General Description of Remedial Action: Contaminated	
Clean soil was back-filled into the pit. A double walled	
Because of size of location and location of equipment the	
A risk assessment was performed by Bill Liese and Den	
A PIT CLOSURE APPROVAL IS REQUESTED based on	
TPH = 34.0 mg/kg BTEX = Non-detect with PID for	organic vapors.
Ground Water Encountered: No X Yes	Depth
Final Pit: Sample location Center of old pit bo	ttom
Closure Sampling:	nom
(if multiple samples, attach sample results	
and diagram of sample Sample depth 33'	
locations and depths) Sample date 09/14/94	Sample time
Sample Results	
Benzene (ppm) N/A	
Total BTEX (ppm) N/A	
Field headspace (ppm) >2	500
TPHN/A	
Ground Water Sample: Yes No X_ (if yes,	attach sample results)
I HEREBY CERTIFY THAT THE INFORMATION OF MY KNOWLEDGE AND BELIEF.	ABOVE IS TRUE AND COMPLETE TO THE BEST
DATE 11/20/95	
SIGNATURE Mile Jahet PRINTED AND TITL	



OFF: (505) 325-8786

November 7, 1995

LAB: (505) 325-5667

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

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 (Photoinozation 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

Gle: 4-1188

TECHNOLOGIES, LTD

OFF: (505) 325-8786

LAB: (505) 325-5667

TOTAL PETROLEUM HYDROCARBONS

Attn:

Address:

Cindy Gray

Company: On Site Technologies, Ltd.

657 W. Maple

City, State: Farmington, NM 87401

Date:

1-Nov-95

COC No.:

3612

Sample No. Job No.

8918 4-1122

Project Name:

Unocal Rincon Lease

Project Location: Sampled by:

Rincon 253/81 MY TANK ! DENY PIT

JL

Date: Date:

25-Oct-95 Time:

14:57

Analyzed by: Type of Sample:

DC Soil 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)		34.0	mg/kg	5.0	mg/kg
	TOTAL	34.0	mg/kg		

Quality Assurance Report

GRO 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	ррт	1,351	1,406	4.1	15%
Diesel Range (C10 - C28)	< 5	ρ ρ m	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:

Date:

11/1/95

P. O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

District I P.O. Box 1980, Hobbs, NM

State of New Mexico

District II P.O. Drawer DD, Artesia, NM 88211

District III 1000 Rio Brazos Rd, Aztec, NM 87410 Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

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

(Revised 3/9/94

PIT REMEDIATION AND CLOSURE REPORT

Operator: Unocal North American	
Operator: Unocal North American	Telephone: (505) 632-1811
Address: P.O. Box 850, Bloomfield, N	M 87413
Facility Or: Rincon 81 Well Name	
Location: Unit or Qtr/Qtr Sec_ K sec_	17 T 27N R6w County Rio Arriba
Pit Type: Separator Other	r Separator / Dehydrator
Land Type: BLM X , State , Fee ,	Other
Pit Location: Pit dimensions: length	25. , width 20. , depth 3
Footage from reference:	
Direction from reference:	
Depth To Ground Water:	Less than 50 feet (20 points)
(Vertical distance from	· • • · · · · · · · · · · · · · · · · ·
contaminants to seasonal high water elevation of ground water)	Greater than 100 feet (10 points) Greater than 100 feet (0 points)
Wellhead Protection Area:	Yes (20 points)
(Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)	No (0 points)
Distance To Surface Water:	Less than 200 feet (20 points)
(Horizontal distance to perennial	Less than 200 feet (20 points) 200 feet to 1000 feet (10 points)
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks,	Less than 200 feet (20 points) 200 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)
(Horizontal distance to perennial	200 feet to 1000 feet (10 points)

Reverse Page for Pit Closure	Report Unocal Rincon 81: Separator / Dehydrator
Date Remediation Start	
Remediation Method: E: (Check all appropriate	xcavation X Approx. cubic yards 40
	andfarmed X Insitu Bioremediation
O.	ther
Remediation Location: (ie. landfarmed onsite, name and location of offsite facility)	Onsite OffsiteUnocal Rincon #253 adjacent location
General Description Of	Remedial Action: Discharge stopped into unlined pit
	, pit was only excavated to 4 feet in depth. Pit wi
	up at time of P & A of well. Vertical extent of plu
greater than 33 feet.	
Ground Water Encounter	ed: No X Yes Depth
Final Pit: Closure Sampling: (if multiple samples,	Sample locationApproximate center of old pit
attach sample results and diagram of sample locations and depths)	Sample depth 33.
,	Sample date09/14/94 Sample time
	Sample Results
	Benzene (ppm) N/A
	Total BTEX (ppm)N/A
	Field headspace (ppm)>2500
	TPH N/A
Ground Water Sample:	Yes NoX (If yes, attach sample results)
I HEREBY CERTIFY THAT TO SELECTION OF MY KNOWLEDGE AND BEI	THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BES
DATE //- 2 - 94	
SIGNATURE Make Jaba	PRINTED NAME Mike Tabet AND TITLE HES Coordinator



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: Sample No.

1670 2045

Job No.

4-1107

Project Name:

Unocal Corporation Pit Assessments

Project Location: Sampled by:

Rincon 81 Dehy. Pit; 3ft. Composite JL/ML

Date:

7/20/94 Time:

11:05

Analyzed by: Type of Sample: DC Soil

Date:

7/20/94

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum
	Unocal Corporation Pit Assessments	Hydrocarbons
2045-1670	Rincon 81 Dehy. Pit; 3ft. Composite	20,147 mg/kg

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by:

Date:

ON SITE TECHNOLOGIES, LTD.

TEST HOLE LOG and FIELD TESTING RESULTS

PROJECT	UNOCAL		JOB#_	DATE: 720/9			
SITE LOCA	SITE LOCATION: PINCON SI CHV)			CLIENT:			
5F-079	052 De	HY PAT	SAMPLE	R: Myke & Joh			
	(K) SI7, TZ7N, RGW PACOUNTY, NM METHOD:						
TEST HOL	TEST HOLE # 1,2,3 LAB SAMPLE IDS						
DEPTH	SOIL TYPE	P.I.D. FIELD SCREENING	TPH EPA 418.1	OTHER REMARKS			
3'	SILTY EXWD MGO. GREY MANGT TO WAST	>2500		LIADID IN PAT			
. 3'	н	>25500					
3'	n	>25%					
			·				
·							
SITE SKET	CH WEATH	IER JUNDY		ROX.TEMP. さんた F.			
No some	Denv		BOM O	Menera Pau			
7	o War	72	To	PIT LOCATED AFORDY.			
	(505)	325-87 8 6	FAX (505) 327-14:	96			

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