DISTRICT I P.O. Box 1980, Hobbs, NM 88240 DISTRICT !I P.O. Drawer DD, Artesia, NM 88210 DISTRICT III 1000 Rio Brazos Rd., Aztec. NM <7410

State of New Mexico

Energy, Minerals and Natural Resources Department & Foundappropriate
DISTRICT OFFICE
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OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

SEP 1.0 1996

(Revised 39/94)

# PIT REMEDIATION AND CLOSURE REPORT

				المؤور المعاديد والمعادية	
Operator: UNOCAL		\$		'801-686- <b>76</b>	C4
Address: P.O. Box 760 Mo	ab, Utah 84532				
Facility Or: Rincon Unit 1: Well Name	26 Dakota				
Location: Unit or Qtr/Qtr Sec	N Sec27	T 27N R 6W County		Rio Arriba	
Pit Type: Separator	Deyhdrator	Other Dehydrator/Tank			
Land Type: BLM X S	State Fee	, Other			
Pit Location: Pit o	dimensions: Length 36'	, width 23'		, depth 4 <u>'</u>	
Refe	erence: well head	, Other Tanks			
Foo	stage from reference: 15'				
Dire	ection from reference: 45	Degerees X	_ East	of	X
Depth To Ground Water:		Less than 50 feet		(20 points)	
(Vertical distance from contaminants to seasonal high water elevation of		50 feet to 99 feet Greater than 100 feet		(10 points) (0 points)	<u> </u>
wellhead Protection Area: (Less than 200 feet from a priavate	DEC 2 0 1853	2003年 - 1000年 - 1000年 - 1000年 - 1000年	Yes No	(20 points) (0 points)	o
domestic water source, or; less than 1000 feet from all water sources)		N.			
Distance To Surface Water: (Horizontal distance to perennial akes, ponds, rivers, streams, creeks, rrigation canals and ditches)	Dist 3	Less than 200 feet 200 feet to 1000 feet Greater than 1000 feet		(20 points) (10 points) (0 points)	<u>J</u>
		RANKING SCORE (TOTAL PO	INTS) :		<u> </u>

Date Remediation	Started: 07/21/94	Date completed: 07/21/94
Remediation Method: (Check all appropriate	Excavation NA	Approx. cubic yards 0
sections)	Landfarmed NA	Insitu Bioramediaiton
	Other	
Remediation Location:	Onsite NA	Offsite
(ie. landfarmed onsite, na offsite facility)	me and location of	
General Description of	f Remedial Action:	
Initial soil assessment	results indicated th	at soil contamination is below TPH/BTEX requirements.
TPH = 2,990  mg/kg	BTEX = 18.8 ppm	See attached test results
		walled steel tank with leak detection was installed.
A PIT CLOSURE APP	ROVAL IS REQUES	TED based on the above results.
· :		
Ground Water Encount	ered: No	X Yes Depth
Closure Sampling: (if multiple samples.	nple location Botto	om of pit (@ 3'
attach sample results and diagram of sample San locations and depths)	nple depth 3'	
• •	nple date 07/20/94	Sample time
San	nple <b>Results</b>	
	Benzene (ppm)	.0564
	Total BTEX (ppi	m) <u>18.8</u>
	Field headspace	e (ppm) >2500
	TPH2,990	ppm
Ground Water Sample:	Yes No >	(if yes, attach sample results)
I HEREBY CERTIFY OF MY KNOWLEDG	THAT THE INF	ORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST
DATE 11/30/95		
SIGNATURE /	408°	PRINTED NAME Mike Tabet  AND TITLE Staff HES Coordinator



### TOTAL PETROLEUM HYDROCARBONS

Attn:

Mike Tabet

Date:

7/21/94

Company: Unocal Corporation

Lab ID:

1668

Address: P.O. Box 760 City, State: Moab, UT 84532 Sample No. Job No.

2030 4-1107

Project Name:

**Unocal Corporation Pit Assessments** 

**Project Location:** 

Rincon 126; 3ft. Composite

Date: 7/19/94 Time:

NR

Sampled by: Analyzed by: JL/ML DC

Date:

7/20/94

Type of Sample:

Soil

#### Laboratory Analysis

Laboratory		Total Petroleum
Identification	Sample Identification	Hydrocarbons
	Unocal Corporation Pit Assessments	
2030-1668	Rincon 126; 3ft. Composite	2,990 mg/kg

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by:



# AROMATIC VOLATILE ORGANICS

Attn:

Mike Tabet

Company: Unocal Corporation

Address:

P.O. Box 760

City, State: Moab, UT 84532

Unocal Corporation Pit Assessments

Project Location: Sampled by:

Project Name:

Rincon 126; 3ft. Composite JL/ML

Date:

7/19/94 Date: 7/23/94

Analyzed by: Sample Matrix: DLA Soil

Date:

7/23/94

Lab ID: Sample ID:

1668 2030

Job No. 4-1107

NR

Time:

## Aromatic Volatile Organics

Component	* * Measured Concentration ug/kg		
Benzene	564		
Toluene	5,276		
Ethylbenzene	1,075		
m,p-Xylene	9,684		
o-Xylene	2,258		
	TOTAL 18,856 ug/kg		

ND - Not Detectable

\*\* - Method Detection Limit, 2 ug/kg

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

Approved by: > ~ 4

Date: 7/25/94



#### QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 7/23/94

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	<1 ppb

#### Calibration Check

Calibration Standards	Units of Measure	*True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20	20	2	15%
Toluene	ppb	20	18	9	15%
Ethylbenzene	ppb	20	19	7	15%
m,p-Xylene	ppb	40	37	8	15%
o-Xylene	ppb	20	19	5	15%

#### Spike Results

	1030/13				
-	1- Percent	2 - Percent			
Analyte	Recovered	Recovered	Limit	%RSD	Limit
Benzene	94	100	(39-150)	4	20%
Toluene	92	96	(46-148)	3	20%
Ethylbenzene	95	97	(32-160)	2	20%
m,p-Xylene	98	100	(35-145)	1	20%
o-Xylene	98	97	(35-145)	1	20%

Surrogate Recoveries

Laboratory	S1	S2	<b>S3</b>
Identification	Percent	Percent	Percent
	Recovered	Recovered	Recovered
Limits	(70-130)		
2030-1668	100		
			-

S1: Flourobenzene

# ON SITE TECHNOLOGIES, LTD.

TEST HOLE LOG and FIELD TESTING RESULTS

	Unochi		JOB #	D	ATE: 7-1
SITE LOC	ATION RINCOY	126	CLIENT:		
<del></del>			SAMPLE	R: myke	- Jov
			METHO	D:	
TEST HO	LE#_1,2,3	LAB SAMPLE I	Ds		·
DEPTH	SOIL TYPE	P.I.D. FIELD	TPH	OTHER REMA	
	silty to clay	SCREENING	EPA 418.1	<del> </del>	-·· <del>·</del>
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SITE SKET	CH WEAT	HER Sunny	APPI	ROX.TEMP	30°F
	CH WEAT	HER Sun U	APPI	ROX.TEMP	o°F
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		HER Sun L	APPI	ROX.TEMP	80°F
1	F	- Age	APPI	ROX.TEMP	⊗°F
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