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

State of New Mexico Energy, Minerals and Natural Resources Department APPROPRIATE

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

District III 1000 Rio Brazos Rd, Aztec, NM 87410

No C-134

OIL CONSERVATION DIVISION

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

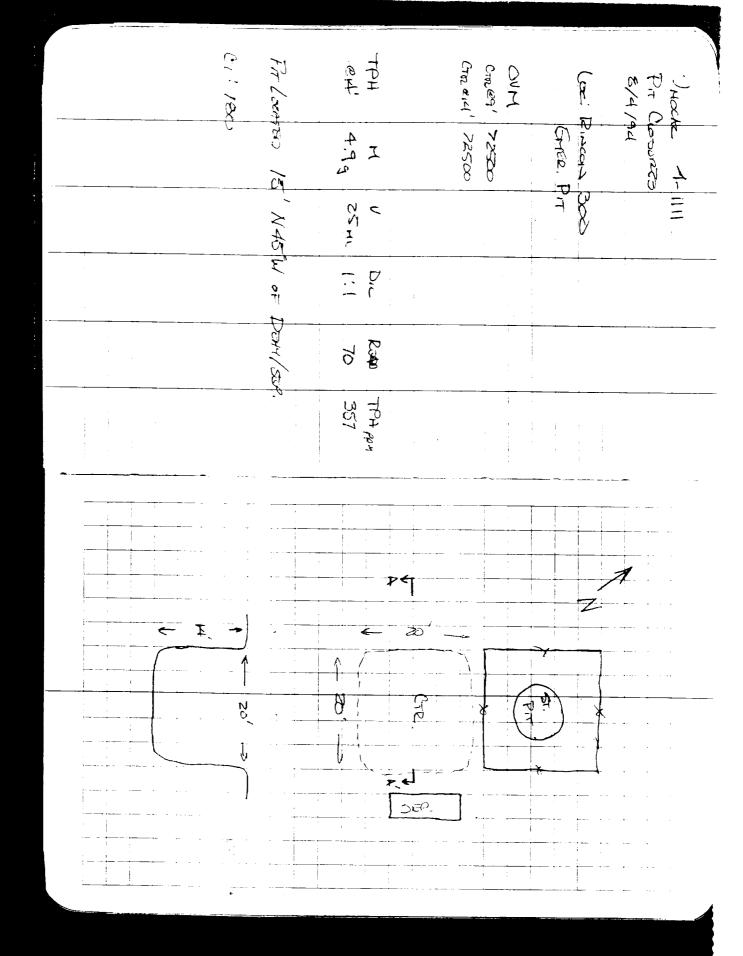
DISTRICT OFFICE AND & COPY TO DEPUTY (IL & GAS INSPECTOR (Revised 3/9/94)

SUBMIT 1 COPY TO

PIT REMEDIATION AND CLOSURE REPORT

Operator: Unocal North American	Telephone: (505) 632-1811
Address: P.O. Box 850, Bloomfield, NM	The state of the s
Facility Or: Rincon 300 Well Name	
Location: Unit or Qtr/Qtr Sec_ "G" Sec_ 06	T 27 N R 6 W County Rio Arriba
Pit Type: Separator Othe	r Emergency
Land Type: BLM <u>x</u> , State, Fee, Oth	er
Pit Location: Pit dimensions: length 12 (Attach diagram) Reference: wellhead, ot Footage from reference: Direction from reference:	her <u>Dehydrator</u>
(Vertical distance from contaminants to seasonal high water elevation of ground water) Wellhead Protection Area:	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points) 0 SEP 1 2 1994 Yes (20 points) No (0 points) 0 DISTL 3
(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

Reverse Page for Pit C	losure Report	Unocal Rincon 300: Emergency		
Date Remediation Start	ed: 08/04/94	Date Completed: 08/04/94		
Remediation Method: E: (Check all appropriate	xcavation <u>x</u>	Approx. cubic yards180		
	andfarmed <u>X</u>	Insitu Bioremediation		
O·	ther			
(le. landlarmed onsite,	Onsite Offsite	Rincon 150, Unit A, Sec. 06, T26N, R6W		
name and location of offsite facility)		Rio Arriba County		
General Description Of	Remedial Action:			
Excavate contaminated	soils in immediate	area of prior unlined pit using a		
backhoe or similar equ	ipment. Excavated	to soils below closure standards,		
edge of equipment and/	or bedrock refusal	. Spoil material thin spread for		
}		en and tested by PID, TPH and/or		
		soil. Backfilled and crowned.		
		Depth		
Final Pit: Closure Sampling:	sample location <u>See</u>	Attached Diagram		
(if multiple samples,				
attach sample results and diagram of sample locations and depths)	sample depth 14'			
rocactons and depths)	Sample date08/04	/94 Sample time		
	Sample Results			
Benzene (ppm) 0.01 (12.3 ppB)				
Total BTEX (ppm) 1.5 (1,476 ppB)				
Field headspace (ppm)>2500				
	TPH <u>357 mq/kg</u>			
Ground Water Sample:	Yes No _X	(If yes, attach sample results)		
I HEREBY CERTIFY THAT TO SEE THE SERVICE OF MY KNOWLEDGE AND BEI	THE INFORMATION ABO	OVE IS TRUE AND COMPLETE TO THE BEST		
DATE 9-8-94				
SIGNATURE Mile Jabel	PRINTED NAM AND TITLE	ME Mike Tabet HES Coordinator		





TOTAL PETROLEUM HYDROCARBONS

Attn:

Myke Lane

Date:

8/8/94

Company: On Site Technologies, Ltd.

Lab ID:

FIELD

Address:

657 W. Maple

Sample No.

City, State: Farmington, NM 87401

Job No.

4-1111

Project Name:

Unocal Corporation / Pit Remediations - Closure Rincon 300 - Comp. @ 14'

Project Location: Sampled by:

ML

Date:

8/4/94 Time:

NA

Analyzed by:

ML

Date:

8/4/94

Type of Sample:

Soil

Laboratory Analysis

Laboratory Identification		Total Petroleum Hydrocarbons
	Unocal Corporation / Pit Remediations - Closure	
FIELD	Rincon 300 - Comp. @ 14'	357 mg/kg

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by:

Date:



AROMATIC VOLATILE ORGANICS

Attn:

Myke Lane

Company: On Site Technologies, Ltd.

Date: Lab ID: 8/5/94

Address:

657 W. Maple

Sample ID:

1741

Job No.

Time:

2353 4-1111

16:15

City, State: Farmington, NM 87401

Unocal - Closure Samples for Pit Remediations

Project Name: **Project Location:** Sampled by:

Rincon 300 Emer. Pit @ 14+'

Date:

8/4/94

Date:

8/5/94

Analyzed by: Sample Matrix:

DLA Soil

ML

Aromatic Volatile Organics

Component	* * Measured Concentration ug/kg		
Benzene	12.3		
Toluene	43.0		
Ethylbenzene	144		
m,p-Xylene	956		
o-Xylene	320		

ND - Not Detectable

** - Method Detection Limit, 2 ug/kg

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

Approved by:)a //
Date: S/16/94



QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 8/5/94

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	19	5	15%
Toluene	ppb	20	19	5	15%
Ethylbenzene	ppb	20	19	5	15%
m,p-Xylene	ppb	40	38	6	15%
o-Xylene	ppb	20	20	2	15%

Spike Results

Analyte	1- Percent Recovered	2 - Percent 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,ρ-Xylene	98	100	(35-145)	1	20%
o-Xylene	98	97	(35-145)	1	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent	S2 Percent	S3 Percent
	Recovered	Recovered	Recovered
Limits	(70-130)		
2353-1741	99		
			<u> </u>

S1: Flourobenzene