

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
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

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

(Revised 3/94)

PIT REMEDIATION AND CLOSURE REPORT

Operator: UNOCAL Telephone: '801-686-7604

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

Facility Or: Navajo 6-L-12
Well Name

Location: Unit or Qtr/Qtr Sec L Sec 12 T 25N R 11W County Rio Arriba

Pit Type: Separator Deyhydrator Other Tank

Land Type: BLM , State , Fee , Other Navajo Land

Pit Location: Pit dimensions: Length 12', width 14', depth 4'
(Attach diagram)

Reference: well head X, Other

Footage from reference: 95'

Direction from reference: 20 Degerees 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) 0

Denny S. Faust
DEPUTY OIL & GAS INSPECTOR

Wellhead Protection Area:

(Less than 200 feet from a private
domestic water source, or; less than
1000 feet from all water sources)

AUG 27 1996 (20 points)
No (0 points) 0

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) 0

RANKING SCORE (TOTAL POINTS) : 0

Date Remediation Started: NA Date completed: NA

Remediation Method: Excavation NA Approx. cubic yards 0

(Check all appropriate sections)

Landfarmed NA Insitu Bioramediaiton _____

Other _____

Remediation Location: Onsite NA Offsite _____

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

General Description of Remedial Action: No excavation or remediation was completed. TPH = 133.3 mg/kg PID < 100 Units. Groundwater > 100'. Soil tests were below regulatory standards.

No surface water/groundwater impact. A double walled steel tank with leak detection was installed. Unocal requests pit closure for this unlined pit.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit: Closure Sampling: Sample location Composite of 3 points in pit.

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

Sample depth surface - 3'

Sample date 03/17/94 Sample time _____

Sample Results

Benzene (ppm) _____

Total BTEX (ppm) _____

Field headspace (ppm) <100 units

TPH 2130 mg/kg 133 mg/kg

Ground Water Sample: Yes _____ No X (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 06/10/96

SIGNATURE

Mike Tabet

PRINTED NAME
AND TITLE

Mike Tabet
Staff HES Coordinator



ON SITE TECHNOLOGIES, LTD.

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: *1460*
 Sample No.
 Job No. *4-1076*

Project Name: *Unocal / 24 Pit Site Assessment*
 Project Location: *Navajo*
 Sampled by: *JL* Date: *3/17/94*
 Analyzed by: *JL* Date: *3/21/94*
 Type of Sample: *Soil*

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
1228-1460	Unocal / 24 Pit Site Assessment Navajo 9-D30 Tank Pit	27060 mg/kg
1229-1460	Unocal / 24 Pit Site Assessment Navajo 9-D30 Dehydrator Pit	25337 mg/kg
1230-1460	Unocal / 24 Pit Site Assessment Navajo 2-012 Tank Pit	55288 mg/kg
1231-1460	Unocal / 24 Pit Site Assessment Navajo 2-012 Dehydrator Pit	11132 mg/kg
1232-1460	Unocal / 24 Pit Site Assessment Navajo L-12 Well #6 Tank Pit	2130 mg/kg
1233-1461	Unocal / 24 Pit Site Assessment Navajo L-12 Well #6 Dehydrator Pit	3724 mg/kg

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: *[Signature]*

Date: *3/24/94*

OFF: (505) 325-8786



LAB: (505) 325-5667

TOTAL PETROLEUM HYDROCARBONS

Attn: *Mike Tabet*
 Company: *Unocal Corporation*
 Address: *P.O. Box 850*
 City, State: *Bloomfield, NM 87413*

Date: *20-Oct-95*
 COC No.: *3580*
 Sample No. *8775*
 Job No. *2-1000*

Project Name: *Unocal Corporation - Navajo 6-L-12*
 Project Location: *Tank Pit @ 3'*
 Sampled by: *MT*
 Analyzed by: *DC*
 Type of Sample: *Soil*

Date: *18-Oct-95* Time: *0:00*
 Date: *19-Oct-95*

Laboratory Analysis

Analyte	Result	Units of Measure	Detection Limit	Units of Measure
Gasoline Range (C5 - C9)	133.3	mg/kg	5.0	mg/kg
Diesel Range (C10 - C28)	< 5.0	mg/kg	5.0	mg/kg
	TOTAL	133.3		mg/kg

Quality Assurance ReportGRO 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	ppm	1,351	1,247	7.7	15%
Diesel Range (C10 - C28)	< 5	ppm	2,000	1,928	3.6	15%

Matrix Spike

Analyte	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	97	104	(70-130)	5	20%
Diesel Range (C10-C28)	98	101	(70-130)	2	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

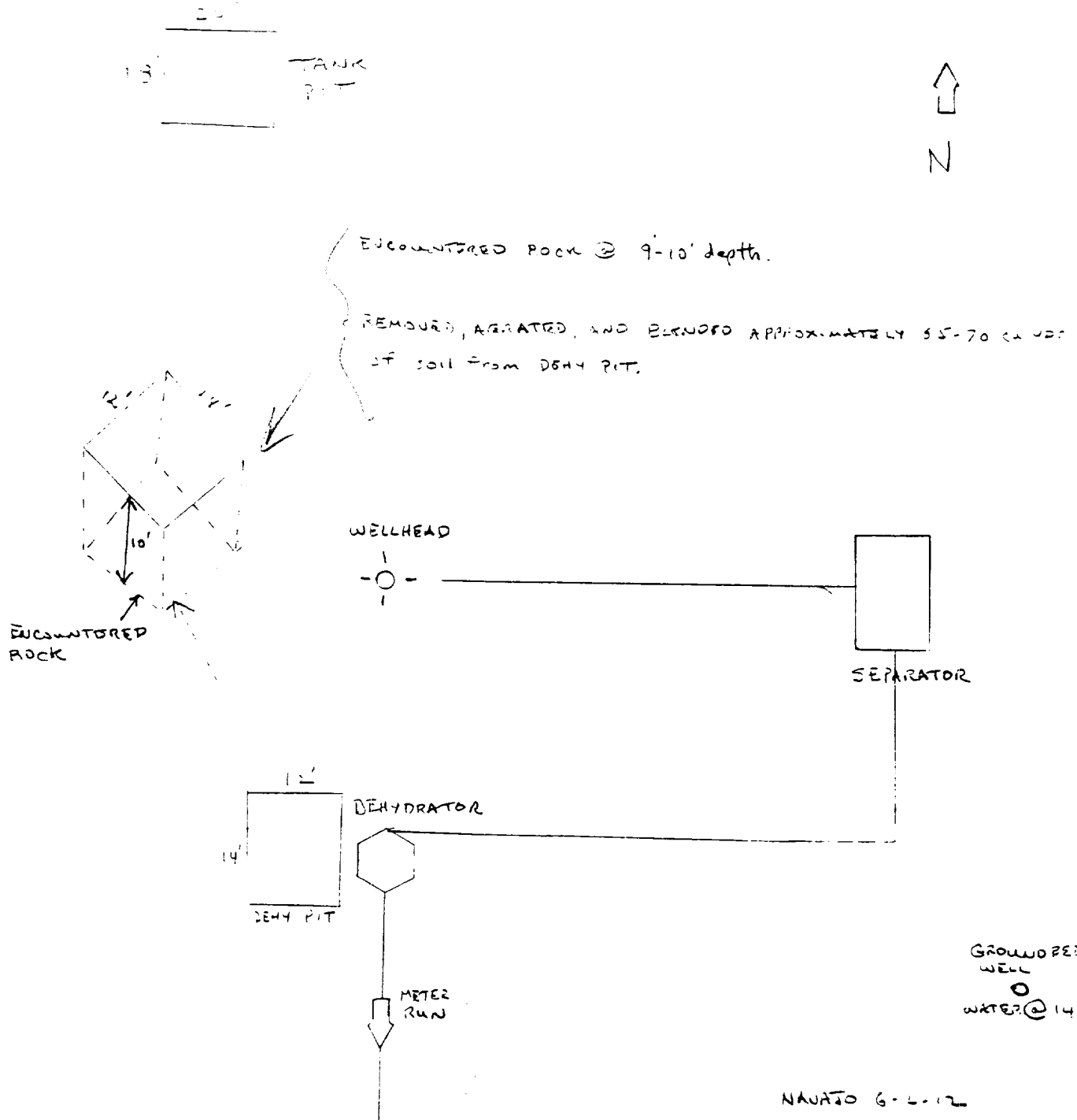
Approved by: *JaX*Date: *10/20/95*

P. O. BOX 2606 • FARMINGTON, NM 87499

Calculation Record

UNOCAL 76

SUBJECT	PREPARED BY	CHECKED BY	DATE	PAGE
	NAVATO 6-6-12 DEHY PIT CLOSURE			5-8-92



NAVATO 6-6-12
DRAWING - NOT TO SCALE

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator Union Oil Company of California Location: Unit Sec. 12 Twp 25N R

Name of Well/Wells or Pipeline Serviced Navajo 6-L-12

Elevation Completion Date 12-14-89 Total Depth 315' Land Type*

Casing, Sizes, Types & Depths None

If Casing is cemented, show amounts & types used None

If Cement or Bentonite Plugs have been placed, show depths & amounts
 None

Depths & thickness of water zones with description of water when pos
Fresh, Clear, Salty, Sulphur, Etc. 140' Deep 45' Thick

SEE ATTACHED SHEET

Depths gas encountered: NA

Type & amount of coke breeze used: Carbo 60 2500 LBS

Depths anodes placed: 245' to 285'

Depths vent pipes placed: 285'

Vent pipe perforations: 245'

Remarks: Unocal was operator at the time this ground bed was installed
First ground bed installed at this location.

If any of the above data is unavailable, please indicate so. Copies
logs, including Drillers Log, Water Analyses & Well Bore Schematics
be submitted when available. Unplugged abandoned wells are to be in:

*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

DATA SHEET NO. 102

COMPANY 2nd of 46

JOE No. 00022 DATE: 12-14

WELL: ALVARADO # 4-1-12

PIPELINE:

LOCATION: SEC. 12 TWP. 25 RGE. 11 CO. SAND TOWNSHIP STATE 11/17/77

ELEV. _____ FT: ROTARY 320 FT: CABLE TOOL _____ FT: CASING _____

GROUNDING: DEPTH 3 1/2 FT. DIA 6 IN. WAB 35000 LBS. ANCHORS 4

DEPTH FT.	DRILLER'S LOG	EXPLORING ABOVE TO STRUCTURE			NO COR	WITH COR	ANODE NO.
		E	I	R			
	First WATER 140						
	0-200 gravel						
200							
5							
10							
5							
20							
5							
30							
5							
40							
5	Top of brine ANODES						
50							
5							
60							
5							
70							
5							
80							
5							
90							
5							
300							
5							
10							
5							
20	T. D. 315						

GROUPED RESISTANCE: (1) VOLTS 12.14 - AMPS 18.8 - OHMS 0.64

(2) VERIFICATION: _____ C-100M