

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

RECEIVED
DEC - 6 1999
OIL CON. DIV.
DIST. 3

PIT REMEDIATION AND CLOSURE REPORT

Operator: Chateau Oil And Gas (Williams Field Services) Telephone: (801) 584-6361
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900
WellName: CHAMPLIN #1E (80003)
Location: Unit or Qtr/Qtr Sec J Sec 35 T 27N R 4W County Rio Arriba
PitType Dehydrator
LandType:

Pit Location: Pit dimensions: length 15 ft., width 15 ft., depth 16 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 65 ft.

Direction from reference: 270 Degrees East of North

Depth To Ground Water:	Less than 50 feet	(20 points)	
(Vertical distance from	50 feet to 99 feet	(10 points)	
contaminants to seasonal	Greater than 100 feet	(0 points)	<u>0</u>
high water elevation of			
ground water)			

Wellhead Protection Area:	Yes	(20 points)	
(Less than 200 feet from a private	No	(0 points)	<u>0</u>
domestic water source, or; less than			
1000 feet from all other water sources)			

Distance To Surface Water:	Less than 200 feet	(20 points)	
(Horizontal distance to perennial	200 feet to 1,000 feet	(10 points)	
lakes, ponds, rivers, streams, creeks,	Greater than 1,000 feet	(0 points)	<u>0</u>
irrigation canals and ditches)			

Ranking Score (TOTAL POINTS): 0

Date Remediation Started: 7/28/98

Date Completed: 8/24/98

Remediation Method: Excavation ☒

Approx. Cubic Yard 133

(check all appropriate sections)

Landfarmed ☒

Insitu Bioremediation

Other

Landfarmed soil after mechanical aeration. LF Headspace 18ppm

Remediation Location: Onsite ☒ Offsite

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

General Description Of Remedial Action:

The pit was excavated to remove gross petroleum contamination. The excavated material was mechanically aerated and placed into an onsite landfarm. Soil samples initially failed. Return to site on 8-24-98 and removed additional material from 11-16'.

Ground Water Encountered: No

Final Pit:

Sample location CHAMPLIN #1E-V-EXFL-01

Closure Sampling:

Two samples were collected, one sample from the excavation bottom and the second sample was made up of 4 points from each excavation wall.

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

Sample depth 16

Sample date 8/24/98

Sample time 13:45

Sample Result

Benzene (ppm) <0.050

Total BTEX (ppm) 17.17

Field Headspace (ppm)

TPH (ppm) 1250

Ground Water Sample: No

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 10-11-99

PRINTED NAME Mark Harvey for Williams Field Services
AND TITLE PROJECT COORDINATORSIGNATURE 

PIT RETIREMENT FORM

80003

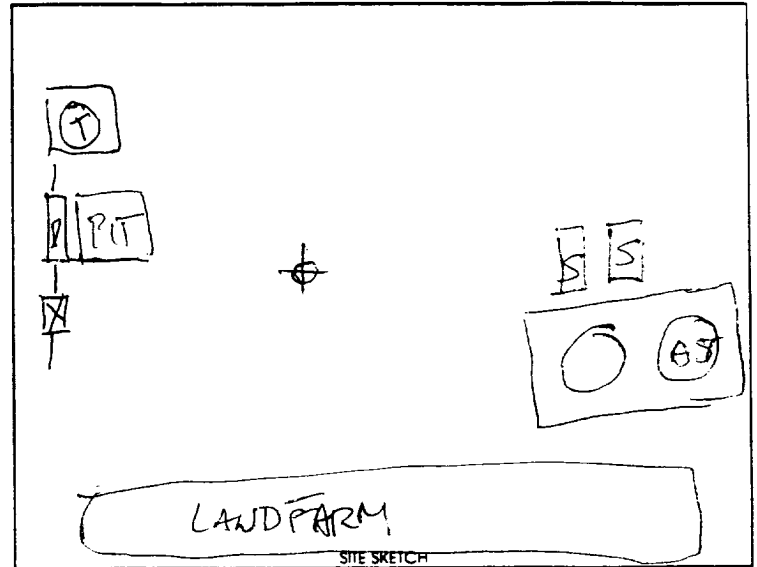
Weather _____

Date: 7/28/98
 Well Name CHAMPLIN #1E Operator CHATEAU O+G Sec 35 T. 27N R. 4W UL J
 Land Type: BLM STATE FEE INDIAN FOREST County RO ARriba
 One Call Made (505-765-1234)? Y N
 Line Marking Evident? Y N

Pit Location:

Reference Wellhead X Other _____
 Distance from: 270° 6.5 feet
 Direction: 270° Degrees X E N X
 of
 W S

Starting Pit Dimensions 12 x 12 x 2
 Final Pit Dimensions 15 x 15 x 15



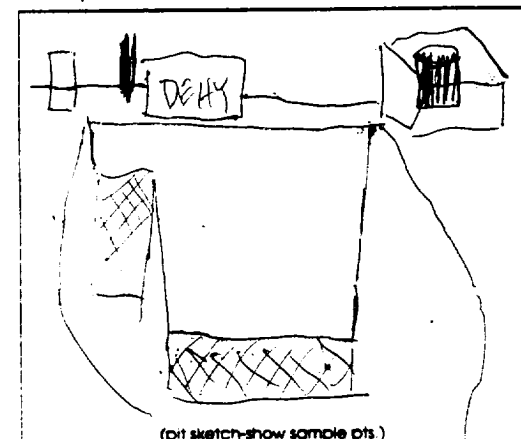
Organic Vapor Readings: Start _____ Soil Description: SILTY SAND W/COBBLES
 @ 2' _____ SILTY SAND
 @ 4' _____ "
 @ 6' _____ "
 @ 8' _____ "
 @ 10' _____ "
 @ 16' _____ "

Well Proximity To: Residence, Domestic Water Well, Stock Well NA
 Arroyo, Wash, Lake, Stream NA
 Estimated or Known Distance to Ground Water > 100 feet

Source of Backfill (if other than processed material) _____

Samples collected: Type Progress: Verification: ID CHAMPLIN #1E-V-EXNA-01 soil / water
 Progress: Verification: ID CHAMPLIN #1E-V-EXFL-01 soil / water
 Progress: Verification: ID _____ soil / water

Sample sent to Lab Via: Courier Hand Carried Other _____ Preservative: ICE Other _____



Comments: EXCAVATED PETROLEUM STAINED MATERIAL - MATERIAL WAS SHREDDED AND PLACED INTO LAND FARM - SITE FAILED - RE-DIG + SAMPLE 8-24.

Soil Shipped to: _____
 Prepared by: ASH

Q W A L L A B O R A T O R I E S, I N C.

2911 ROTARY TERRACE, P.O. BOX 562/PITTSBURG, KS 66762/(316)232-1970

LABORATORY REPORT:

REFERENCE #: 9808764

SENT WILLIAMS FIELD SERVICE-MS4JI
TO: P.O. BOX 58900
SALT LAKE CITY, UTAH 84108
MARK HARVEY

DATE REPORTED: 08/31/98
DATE COLLECTED: 08/24/98
DATE RECEIVED: 08/26/98

PROJECT: 98 PIT REMEDIATION

Reference Fraction: 9808764-07A

Sample ID: CHAMPLIN #1E-V-EXFL-01 / 80003

Sample Matrix: SOIL

Sample Date Collected: 08/24/98 13:45:00

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	1250	MG/KG	2.0	08/27/98	SKW
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	08/27/98	JLO
TOLUENE		2.81	MG/KG	0.050	08/27/98	JLO
ETHYLBENZENE		2.76	MG/KG	0.050	08/27/98	JLO
TOTAL XYLENES		11.6	MG/KG	0.050	08/27/98	JLO
BFB (SURROGATE)		113	125	75		

ND-NONE DETECTED

DL-DETECTION LIMIT

SU-STANDARD UNITS

B-DETECTED IN METHOD BLANK

APPROVED BY:


TERRY ROESTER
LABORATORY DIRECTOR

Q W A L L A B O R A T O R I E S, I N C.

2911 ROTARY TERRACE, P.O. BOX 562/PITTSBURG, KS 66762/(316)232-1970

LABORATORY REPORT:

REFERENCE #: 9808764

SENT WILLIAMS FIELD SERVICE-MS4JI
TO: P.O. BOX 58900
SALT LAKE CITY, UTAH 84108
MARK HARVEY

DATE REPORTED: 08/31/98
DATE COLLECTED: 08/24/98
DATE RECEIVED: 08/26/98

PROJECT: 98 PIT REMEDIATION

Reference Fraction: 9808764-06A

Sample ID: CHAMPLIN #12-V-EKWA-01 / 80003

Sample Matrix: SOIL

Sample Date Collected: 08/24/98 13:30:00

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	1010	MG/KG	2.0	08/27/98	SKW
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	08/27/98	JLO
TOLUENE		0.209	MG/KG	0.050	08/27/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	08/27/98	JLO
TOTAL XYLENES		4.00	MG/KG	0.050	08/27/98	JLO
BFB (SURROGATE)		108	125	75		

ND-NONE DETECTED

DL-DETECTION LIMIT

SU-STANDARD UNITS

B-DETECTED IN METHOD BLANK

APPROVED BY:


TERRY KOESTER
LABORATORY DIRECTOR

QWAL LABORATORIES, INC.

2911 ROTARY TERRACE, P.O. BOX 562/PITTSBURG, KS 66762/(316)232-1970

LABORATORY REPORT:

REFERENCE #: 9809139

SENT WILLIAMS FIELD SERVICE-MS4JI
TO: P.O. BOX 58900
SALT LAKE CITY, UTAH 84108
MARK HARVEY

DATE REPORTED: 09/08/98
DATE COLLECTED: 08/30/98
DATE RECEIVED: 09/02/98

PROJECT: 98 PIT REMEDIATION (CRZ)

Reference Fraction: 9809139-06A

Sample ID: CRZ/CHAMPLIN#1E V-LP-01 / 80003

Sample Matrix: SOIL

Sample Date Collected: 08/30/98 12:50:00 HS 18

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
PH	SW846-8015	1000	MG/KG	40.0	09/04/98	SKW

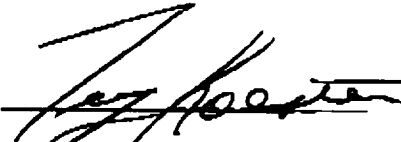
ID-NONE DETECTED

DL-DETECTION LIMIT

SU-STANDARD UNITS

B-DETECTED IN METHOD BLANK

APPROVED BY:


TERRY KOESTER
LABORATORY DIRECTOR