

*Risk - non vulnerable*

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

**RECEIVED**  
DEC - 6 1999

**PIT REMEDIATION AND CLOSURE REPORT** **OIL CON. DIV.**  
**DIST. 3**

Operator: Taurus (Williams Field Services) Telephone: (801) 584-6361  
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900  
WellName: CHENEY <sup>Federal</sup> B#1 ( 85977 )  
Location: Unit or Qtr/Qtr Sec <sup>A</sup> Sec 8 T 26N R 2W County Rio Arriba  
PitType Drip  
LandType: Fee

Pit Location: Pit dimensions: length 16 ft., width 15 ft., depth 8 ft.  
(Attach diagram)

Reference: Wellhead

Footage from reference: 555 ft.

Direction from reference: 2 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) 10  
high water elevation of  
ground water)

Wellhead Protection Area: Yes (20 points)  
(Less than 200 feet from a private No (0 points) 0  
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) 0  
irrigation canals and ditches)

Ranking Score (TOTAL POINTS): 10

Date Remediation Started: 8/1/98

Date Completed: 8/1/98

Remediation Method: Excavation

Approx. Cubic Yard 70

(check all appropriate sections)

Landfarmed

Insitu Bioremediation

Other Landfarmed soil after mechanical aeration. LF Headspace 82

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.

Ground Water Encountered: No

Final Pit:

Sample location CHENEY B#1-V-EXFL-01

Closure Sampling:

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

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

Sample depth 8 feet

Sample date 8/3/98

Sample time 13:22

Sample Result

Benzene (ppm) <0.050

Total BTEX (ppm) 15.15

Field Headspace (ppm)

TPH (ppm) 787

Ground Water Sample: No

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

DATE 10-17-99

SIGNATURE

PRINTED NAME AND TITLE

Mark Harvey for Williams Field Services  
PROJECT COORDINATOR

PIT RETIREMENT FORM

85977

Date: 8/19/81 8/1/98

Weather \_\_\_\_\_

Well Name CHENEY B#1 Operator TAVRIS Sec 8 T26N R 24 UL

Land Type: BLM STATE (FEE) INDIAN County RIO ARIZONA

One Call Made (505-765-1234)?  N

Line Marking Evident?  N

Pit Location:

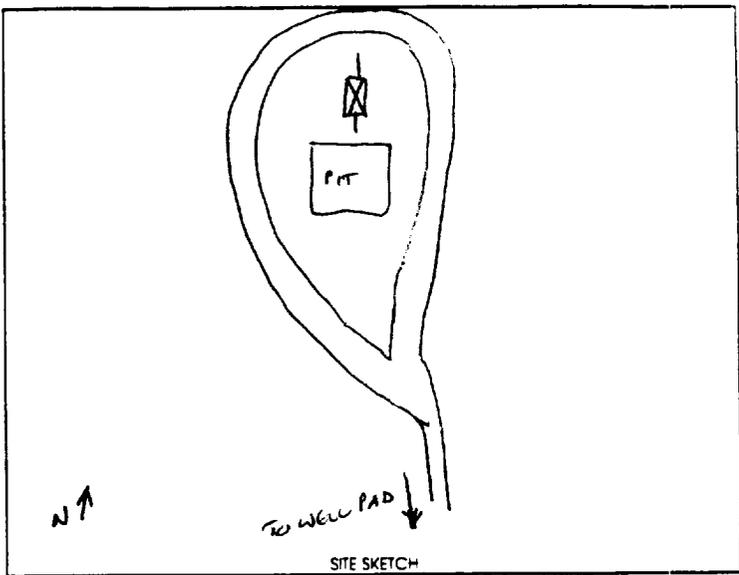
Reference Wellhead  Other \_\_\_\_\_

Distance from: 555'

Direction: 2 Degrees  E  N  S  
of \_\_\_\_\_  
W S

Starting Pit Dimensions 12' x 14' x 2'

Final Pit Dimensions 15' x 16' x 8'



Organic Vapor Readings: Start \_\_\_\_\_  
@ 2' \_\_\_\_\_  
@ 4' \_\_\_\_\_  
@ 6' \_\_\_\_\_  
@ 8' \_\_\_\_\_  
@ \_\_\_\_\_  
@ \_\_\_\_\_

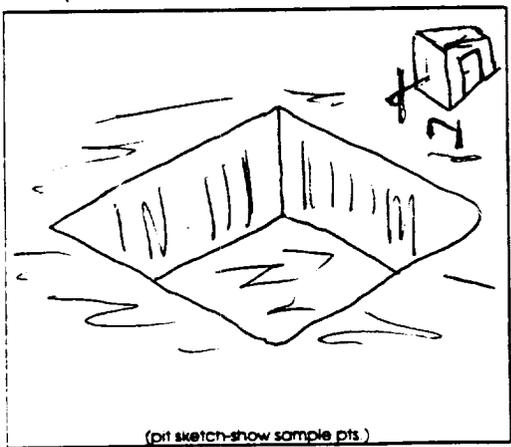
Soil Description: SILTY CLAY + SAND  
" "  
SILTY CLAY  
" "  
\_\_\_\_\_  
\_\_\_\_\_

Well Proximity To: Residence, Domestic Water Well, Stock Well NONE  
Arroyo, Wash, Lake, Stream NONE  
Estimated or Known Distance to Ground Water 75-100'

Source of Backfill (if other than processed material) \_\_\_\_\_

Samples collected: Type Progress: Verification: ID CHENEY B#1-V-EXWA-01 soil / water  
Progress: Verification: ID CHENEY B#1-V-EXFL-01 soil / water  
Progress: Verification: ID \_\_\_\_\_ soil / water

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



(pit sketch-show sample pts.)

Comments: PIT LOCATED ~500' NORTH OF WELL PAD - PAD HAS  
PUMPING JACK - SLIGHT HYDROCARBON ODOR - EXCAVATE &  
LANDFARM - METEN BUILDING NORTH OF PIT - PLACE BERM & CUT  
TERRACE -

Soil Shipped to: \_\_\_\_\_  
Prepared by: ASD

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 #:** 9808213

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

DATE REPORTED: 08/14/98  
 DATE COLLECTED: 08/03/98  
 DATE RECEIVED: 08/07/98

PROJECT: JICARILLA DISTRICT '98

Reference Fraction: 9808213-04A

Sample ID: CHENEY B#1-V-EXFL-01 / 85977

Sample Matrix: SOIL

Sample Date Collected: 08/03/98 13:22:00

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	08/12/98	JLC
TOLUENE		4.45	MG/KG	0.050	08/12/98	JLC
ETHYLBENZENE		ND	MG/KG	0.050	08/12/98	JLC
TOTAL XYLENES		10.7	MG/KG	0.050	08/12/98	JLC
BFB (SURROGATE)		113	125	75		
TPH	SW846-8015	787	MG/KG	2.0	08/13/98	SKV

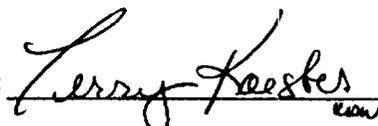
=NONE DETECTED

DL=DETECTION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:



TERRY KOESTER  
 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 #:** 9808213

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

DATE REPORTED: 08/14/98  
 DATE COLLECTED: 08/03/98  
 DATE RECEIVED: 08/07/98

PROJECT: JICARILLA DISTRICT '98

**Reference Fraction: 9808213-03A**

**Sample ID: CHENEY B#1-V-EXWA-01 / 85977**

**Sample Matrix: SOIL**

**Sample Date Collected: 08/03/98 13:10:00**

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	08/11/98	JLC
TOLUENE		ND	MG/KG	0.050	08/11/98	JLC
ETHYLBENZENE		ND	MG/KG	0.050	08/11/98	JLC
TOTAL XYLENES		0.179	MG/KG	0.050	08/11/98	JLC
BFB (SURROGATE)		106	125	75		
TPH	SW846-8015	149	MG/KG	2.0	08/13/98	SKV

=NONE DETECTED

DL=DETECTION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:

*Terry Koester*  
 KP

TERRY KOESTER  
 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 #: 9808765

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

DATE REPORTED: 08/31/98  
 DATE COLLECTED: 08/21/98  
 DATE RECEIVED: 08/25/98

PROJECT: JICARILLA DISTRICT '98

Reference Fraction: 9808765-17A

Sample ID: JIC/CHENEY B#1-V-LP-01 / 85977

Sample Matrix: SOIL

Sample Date Collected: 08/21/98 14:24:00 / 82

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	ND	MG/KG	2.0	08/28/98	SKW

ND-NONE DETECTED

DL-DETECTION LIMIT

SU-STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY: 

TERRY KOESTER  
 LABORATORY DIRECTOR