

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

*Non-Minority*  
**RECEIVED**  
DEC - 6 1999  
**OIL CON. DIV.**  
**DIST. 3**

**PIT REMEDIATION AND CLOSURE REPORT**

Operator: Taurus (Williams Field Services) Telephone: (801) 584-6361  
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900  
WellName: CHENEY FEDERAL #2A ( 86910 )  
Location: Unit or Qtr/Qtr Sec D Sec 17 T 26N R 2W County Rio Arriba  
PitType Dehydrator  
LandType: Fee

Pit Location: Pit dimensions: length 45 ft., width 32 ft., depth 20 ft.  
(Attach diagram)

Reference: Wellhead

Footage from reference: 167 ft.

Direction from reference: 56 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) 0
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): 0

Date Remediation Started: 7/31/98

Date Completed: 7/31/98

Remediation Method: Excavation ☒

Approx. Cubic Yard 1067

(check all appropriate sections)

Landfarmed ☒Insitu Bioremediation ☐

Other Landfarmed soil after mechanical aeration. LF Headspace 19ppm

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: 0

Final Pit:

Sample location CHENEY #2A-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 20 feet

Sample date 8/1/98

Sample time 9:44

Sample Result

Benzene (ppm) &lt;0.050

Total BTEX (ppm) 0.992

Field Headspace (ppm)

TPH (ppm) 1070

Ground Water Sample: 0

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 COORDINATOR

SIGNATURE 

# PIT RETIREMENT FORM

86910

Date: 7/31/98

Weather \_\_\_\_\_

Well Name CHENEY FEO #2A Operator TAJRJS Sec 17 T 26N R 2W UL D

Land Type: BLM STATE (FEB) INDIAN County RIO ARriba

One Call Made (505-765-1234)? ☒ N

Line Marking Evident? ☒ N

## Pit Location:

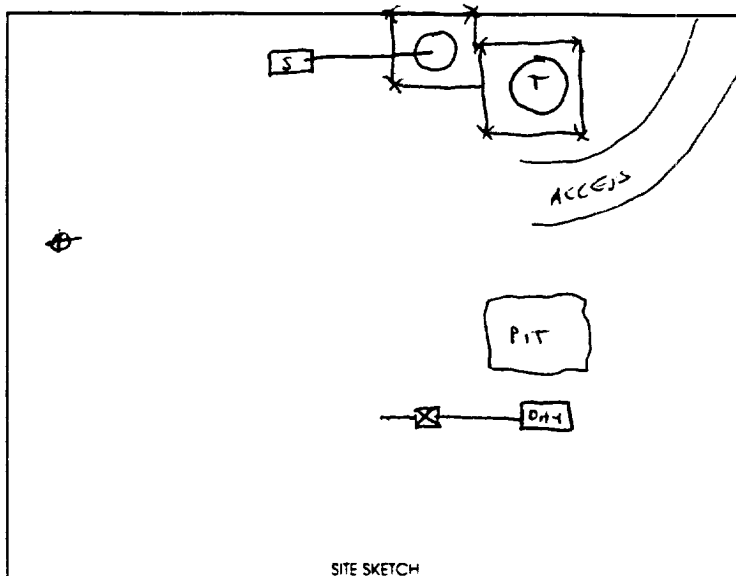
Reference Wellhead ☒ Other \_\_\_\_\_

Distance from: 167'

Direction: S6 Degrees ☒ E N ☒  
of  
\_\_\_\_\_ W S \_\_\_\_\_

Starting Pit Dimensions 15' x 15' x 2'

Final Pit Dimensions 45' x 32' x 20'



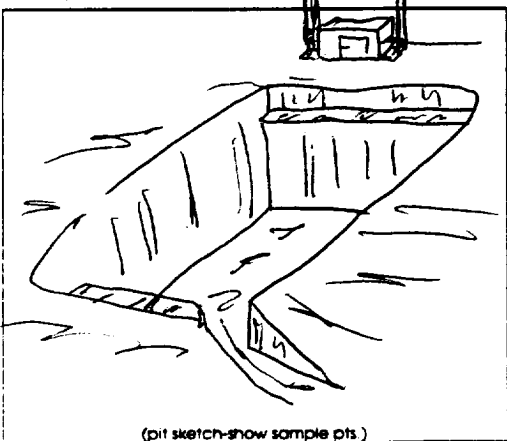
Organic Vapor Readings: Start \_\_\_\_\_ Soil Description: SILTY SAND  
@ 2' \_\_\_\_\_  
@ 4' \_\_\_\_\_  
@ 6' \_\_\_\_\_  
@ 8' \_\_\_\_\_  
@ \_\_\_\_\_  
@ \_\_\_\_\_

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

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

Samples collected: Type Progress: Verification: ID CHENEY FEO #2A-V-EXWA-01 (soil) / water  
Progress: Verification: ID \_\_\_\_\_ soil / water  
Progress: Verification: ID \_\_\_\_\_ soil / water

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



Comments: SET UP - MATERIAL NEAR SURFACE IS SILTY + MOIST  
EXCAVATE + LANDFORM - SIDEWALLS CLEAN UP FAIRLY WELL - STILL  
SOME STAINING - NO ODOR - SLOUGHING SAND - CUT FLOOR TO  
POINT WHERE HOS REACH LIMIT -

Soil Shipped to: ON-SITE LF  
Prepared by: M. J. Jones

**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  
 PROJECT: JICARILLA DISTRICT '98

DATE REPORTED: 08/14/98  
 DATE COLLECTED: 08/01/98  
 DATE RECEIVED: 08/07/98

**Reference Fraction:** 9808213-19A

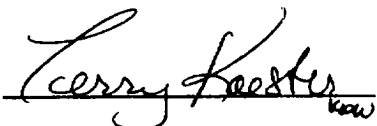
**Sample ID:** CHENEY #2A-V-EXWA-01 / 86910

**Sample Matrix:** SOIL

**Sample Date Collected:** 08/01/98 09:30:00

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	08/12/98	JLC
TOLUENE		ND	MG/KG	0.050	08/12/98	JLC
ETHYLBENZENE		ND	MG/KG	0.050	08/12/98	JLC
TOTAL XYLENES		0.446	MG/KG	0.050	08/12/98	JLC
BFB (SURROGATE)		119	125	75		
TPH	SW846-8015	1320	MG/KG	2.0	08/13/98	SKW

=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  
 PROJECT: JICARILLA DISTRICT '98

DATE REPORTED: 08/14/98  
 DATE COLLECTED: 08/01/98  
 DATE RECEIVED: 08/07/98

Reference Fraction: 9808213-20A

Sample ID: CHENEY #2A-V-EXFL-01 / 86910

Sample Matrix: SOIL

Sample Date Collected: 08/01/98 09:44:00

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	08/12/98	JLO
TOLUENE		0.209	MG/KG	0.050	08/12/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	08/12/98	JLC
TOTAL XYLENES		0.783	MG/KG	0.050	08/12/98	JLC
BFB (SURROGATE)		109	125	75		
TPH	SW846-8015	1070	MG/KG	40.0	08/13/98	SKW

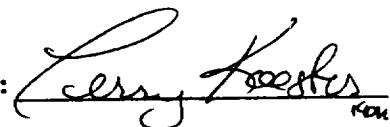
=NONE DETECTED

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

REFERENCE #: 9808765

**LABORATORY REPORT:**

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: 9808765-25A  
Sample ID: CHENEY FEO#2A-V-LF-01 / 86910  
Sample Date Collected: 08/21/98 13:56:00 / 21

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED BY
TPH	SW846-8015	222	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

**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**  
PROJECT: **JICARILLA DISTRICT '98**

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

Reference Fraction: 9808765-24A  
Sample ID: **CHENEY FEO#2AD-V-LF-01 / 86910**  
Sample Date Collected: 08/21/98 13:59:00 / 19

Sample Matrix: **SOIL**

TEST	METHOD	RESULT	UNITS	DL	ANALYZED BY
TPH	SW846-8015	256	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**