

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

*Risk = non-volatile*

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

**PIT REMEDIATION AND CLOSURE REPORT**

Operator: Williams Field Services Telephone: (801) 584-6361  
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900  
WellName: CHENEY FED # 3 Line Drip ( 86514 )  
Location: Unit or Qtr/Qtr Sec B Sec 17 T 26N R 2W County Rio Arriba  
PitType Drip  
LandType Fee

Pit Location: Pit dimensions: length 18 ft., width 15 ft., depth 8 ft.  
(Attach diagram)

Reference: Line Drip Valve

Footage from reference: 20 ft.

Direction from reference: 230 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: 7/31/98

Date Completed: 7/31/98

Remediation Method: Excavation ☒

Approx. Cubic Yard 80

(check all appropriate  
sections)Landfarmed ☒

Insitu Bioremediation

Other

Landfarmed soil after mechanical aeration.

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:

Closure Sampling:

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

Sample location CHENEY #3LD-V-EXFL-01

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 8/1/98

Sample time 9:00

Sample Result

Benzene (ppm) &lt;0.050

Total BTEX (ppm) &lt;0.50

Field Headspace (ppm)

TPH (ppm) 375

Ground Water Sample: 0

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

DATE 5-20-99

SIGNATURE



PRINTED NAME Mark Harvey for Williams Field Services  
AND TITLE

86514

Well Name CHENEY #3 LD Operator WFS Sec 17 T6N R2W UL B

County RIO ARriba

(Y<sub>2</sub>) N

Y N

LINE BRID  
VALVE

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

20

Degrees   X   E N   X    
                    of  
                           W S       

$$\underline{10} \times \underline{10} \times \underline{2}$$
$$\underline{15} \times \underline{18} \times \underline{8}$$

Organic Vapor Readings: Start \_\_\_\_\_ Soil Description: BROWN SILTY CLAY

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91

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Well Proximity To: Residence, Domestic Water Well, Stock Well N4

Arroyo, Wash, Lake, Stream 2 250 EAST

Estimated or Known Distance to Ground Water 275

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

Samples collected: Type Progress: Verification: ID CHENEY #3 LD 4-EXT-0/soil/ water

Progress: Verification: ID CHENEY 3 CD-V-EXWA-01 soil / water

Progress: Verification: ID \_\_\_\_\_ soil / water

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

Comments: EXCAVATED + SHEPDED GROSSLY

CONTAMINATED MATERIAL - MATERIAL WAS

CAND FARMED - ON SITE

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 #: 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

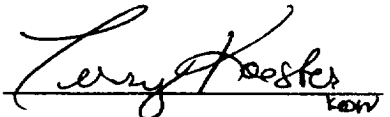
Reference Fraction: 9808213-15A  
Sample ID: CHENEY #3LD-V-EXFL-01 / 85130<sup>86514</sup>  
Sample Date Collected: 08/01/98 09:00:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	08/12/98	JLO
TOLUENE		ND	MG/KG	0.050	08/12/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	08/12/98	JLO
TOTAL XYLENES		ND	MG/KG	0.050	08/12/98	JLO
BFB (SURROGATE)		117	125	75		
TPH	SW846-8015	375	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

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 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:** 9808213-16A

**Sample ID:** CHENEY #3LD-V-EXWA-01 / <sup>86514</sup>~~85130~~

**Sample Matrix:** SOIL

**Sample Date Collected:** 08/01/98 09:17:00

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		ND	MG/KG	0.050	08/12/98	JLC
BFB (SURROGATE)		112	125	75		
TPH	SW846-8015	196	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*  
 con

TERRY KOESTER  
 LABORATORY DIRECTOR



AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

463 West 3600 South  
Salt Lake City, Utah  
84115

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687

## ORGANIC ANALYSIS REPORT

Client: Williams Field Services  
Date Sampled: May 14, 1999  
Date Received: May 21, 1999

Contact: Mark Harvey  
Date Extracted: May 24, 1999  
Date Analyzed: May 25, 1999

Analysis Requested:  
Total Petroleum Hydrocarbons

Method Ref. Number:  
SW-846 #8015 modified  
(Extraction - GC/FID)

Field Sample ID:  
JIC PITS  
CHENEY #3LO-V-LF-02

Lab Sample ID:  
L37182-1

### Analytical Results

### TPH-E

Units = mg/kg (ppm)

#### Compound:

Reporting  
Limit:

Amount  
Detected:

Total Petroleum Hydrocarbons

20.

< 20.

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% Moisture

3.0%

\* All compounds are reported on a dry weight basis.

Released By: \_\_\_\_\_

  
Laboratory Supervisor

Report Date: May 25, 1999

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