

Denny E. Faust
DEPUTY OIL & GAS INSPECTOR

AUG 19 1999

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

NO BTEY-LF

OK

RECEIVED
MAY 27 1999

Approved
PIT REMEDIATION AND CLOSURE REPORT

OIL CON. DIV.
DIST. 3

Operator: Amoco Production Company (Williams Field Services) Telephone: (801) 584-6361
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900
WellName: REAMES COM #1 (86555)
Location: Unit or Qtr/Qtr Sec B Sec 25 T 26N R 6W County Rio Arriba
PitType Dehydrator
LandType: BLM

Pit Location: Pit dimensions: length 25 ft., width 26 ft., depth 6 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 120 ft.

Direction from reference: 5 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: 6/1/98

Date Completed: 6/1/98

Remediation Method: Excavation ☒

Approx. Cubic Yard 145

(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: No

Final Pit:

Sample location REAMS COM#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 12 feet

Sample date 6/1/98

Sample time 17:15

Sample Result

Benzene (ppm) <0.05

Total BTEX (ppm) 0.350

Field Headspace (ppm)

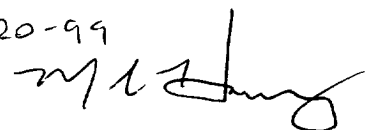
TPH (ppm) 221

Ground Water Sample: No

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

86555

Y N

SITE SKETCH

Soil Description: SILTY CLAY

" "

" "

" "

" "

" "

CLAYSTONE

Prepared by: Mari L. M. L.

86555

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 #: 9806168

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

DATE REPORTED: 06/17/98
 DATE COLLECTED: 06/01/98
 DATE RECEIVED: 06/04/98

Reference Fraction: 9806168-05A
 Sample ID: REAMS COM#1-V-EXWA-01
 Sample Date Collected: 06/01/98 17:15:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	06/08/98	JK
TOLUENE		0.2	MG/KG	0.050	06/08/98	JK
ETHYLBENZENE		ND	MG/KG	0.050	06/08/98	JK
TOTAL XYLENES		0.6	MG/KG	0.050	06/08/98	JK
BFB (SURROGATE)		103	125	75		
TPH	SW846-8015	37.9	MG/KG		06/06/98	SKW

ND=NONE DETECTED
 DL=DETECTION LIMIT
 SU=STANDARD UNITS
 B=DETECTED IN METHOD BLANK

APPROVED BY:


 TERRY KOESTER
 LABORATORY DIRECTOR

86555

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 #: 9806168

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

DATE REPORTED: 06/17/98
 DATE COLLECTED: **06/01/98**
 DATE RECEIVED: **06/04/98**

PROJECT: JICARILLA PIT REMEDIATION

Reference Fraction: 9806168-06A

Sample ID: REAMS COM#1-V-EXFL-01

Sample Matrix: SOIL

Sample Date Collected: 06/01/98 17:15:00

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	06/06/98	JK
TOLUENE		ND	MG/KG	0.050	06/06/98	JK
ETHYLBENZENE		ND	MG/KG	0.050	06/06/98	JK
TOTAL XYLENES		0.2	MG/KG	0.050	06/06/98	JK
BFB (SURROGATE)		110	125	75		
TPH	SW846-8015	221	MG/KG		06/06/98	SKW

ND=NONE DETECTED

DL=DETECTION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:


 TERRY ROESTER
 LABORATORY DIRECTOR

QWAL LABORATORIES, INC.

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

LABORATORY REPORT:

REFERENCE #: 9807321

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

DATE REPORTED: 07/14/98
DATE COLLECTED: 07/06/98
DATE RECEIVED: 07/09/98

PROJECT: PIT REMEDIATION

Reference Fraction: 9807321-23A
Sample ID: REAMES COM#1-V-LF-01 / 86555
Sample Date Collected: 07/06/98 12:14:00

7 PPM

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	360	MG/KG	2.0	07/11/98	SKW

ND=NONE DETECTED
DL=DETECTION LIMIT
SU=STANDARD UNITS
B=DETECTED IN METHOD BLANK

APPROVED BY:

TERRY KOESTER
LABORATORY DIRECTOR