

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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



PIT REMEDIATION AND CLOSURE REPORT

Operator: Williams Production Co. (Williams Field Services) Telephone: (801) 584-6361
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900
WellName: COX CANYON UNIT #24 ~~COM~~ (85004)
Location: Unit or Qtr/Qtr Sec N Sec 17 T 32N R 11W County San Juan
PitType Dehydrator
LandType: Fee

Pit Location: Pit dimensions: length 11 ft., width 10 ft., depth 5 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 66 ft.

Direction from reference: 68 Degrees East of South

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: 8/14/99

Date Completed: 8/23/99

Remediation Method: Excavation ☒

Approx. Cubic Yard 20

(check all appropriate sections)

Landfarmed ☒

Insitu Bioremediation

Other Landfarmed soil after mechanical aeration. LF Headspace 0 ppm.

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 CC #24-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 5 feet

Sample date 8/14/99

Sample time 11:45

Sample Result

Benzene (ppm) <0.05

Total BTEX (ppm) 23.2

Field Headspace (ppm)

TPH (ppm) 206

Ground Water Sample: No

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

DATE 12-20-99

SIGNATURE *Mark Harvey* For WFS

PRINTED NAME Mark Harvey for Williams Field Services
AND TITLE

PIT RETIREMENT FORM

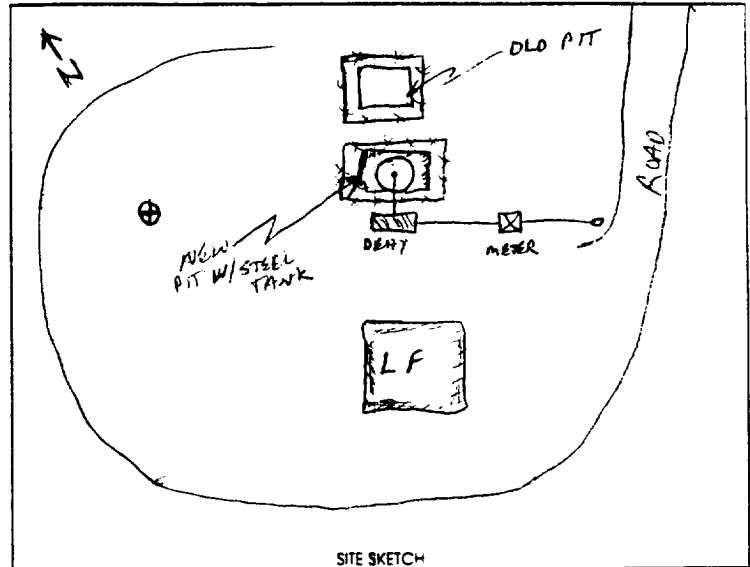
85004

Date: 8-14-99 Weather PTLY CLOUDY, WARM
 Well Name Cox Canyon #24 Operator WILLIAMS PRODUCTION Sec 17 T32N R11W UL
 Land Type: BLM STATE FEE INDIAN County SAN JUAN
 One Call Made (505-765-1234)? (Y) N
 Line Marking Evident? (Y) N

Pit Location:

Reference Wellhead X Other _____
 Distance from: 66'
 Direction: 68 Degrees X E N _____
 of _____ W S X

Starting Pit Dimensions 10 x 10 x 9
 Final Pit Dimensions 11 x 10 x 5



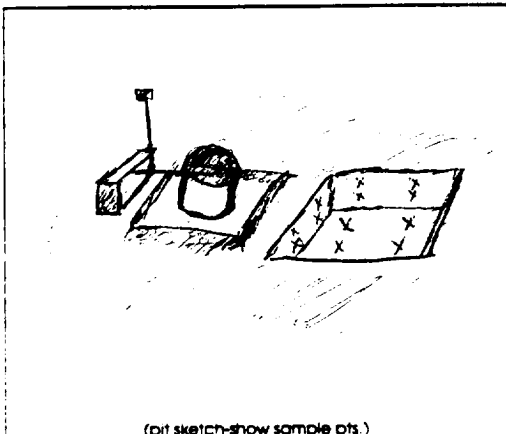
Organic Vapor Readings: Start N/A Soil Description: _____
 @ 2' () 0-5' BRN/REDDISH BRN CLAYEY SILT
 @ 4' () 5-TO GRAY SILTSTONE, HARD, TRV FINE SAND
 @ 6' ()
 @ 8' ()
 @ _____
 @ _____

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 CC24-V-EXFL-D1 soil / water
 Progress: Verification ID CC24-V-EXWA-D1 soil / water
 Progress: Verification ID _____ soil / water

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



Comments: EXCAVATED SOIL FROM OLD PIT. SHRED SOIL.
LANDFARM ON-SITE, BR ENCOUNTERED @ 5' bgs -
GRAY SILTSTONE, HARD

Soil Shipped to: _____ ON-SITE LANDFARM
 Prepared by: JRS

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 #: 9908506

SENT WILLIAMS FIELD SERVICE
TO: 295 CHIPETA WAY
SALT LAKE CITY, UTAH 84158
MARK HARVEY - JIM STRUHS
PROJECT: WFS/WPX NM PITS

DATE REPORTED: 09/01/99
DATE COLLECTED: 08/14/99
DATE RECEIVED: 08/17/99

Reference Fraction: 9908506-07A

Sample ID: CC24-V-EXFL-01

Sample Matrix: SOIL

Sample Date Collected: 08/14/99 11:45:00

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH	SW846-8015	206	MG/KG	2	08/25/99	BEM
BTEX	OA1/8021B			3.0		
BENZENE		ND	MG/KG	0.050	08/21/99	KKL
TOLUENE		23.2	MG/KG	0.050	08/21/99	KKL
ETHYLBENZENE		ND	MG/KG	0.050	08/21/99	KKL
TOTAL XYLENES		ND	MG/KG	0.050	08/21/99	KKL
BFB (SURROGATE)		120	125	75		

ND=NONE DETECTED

PQL=PRACTICAL QUANTITATION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:

TERRY KOESTER
LABORATORY DIRECTOR

VERBAL REPORTS ASAP TO JIM STRUHS 801-947-0046

Q N 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 #: 9908506

SENT **WILLIAMS FIELD SERVICE**
 TO: **295 CHIPETA WAY**
SALT LAKE CITY, UTAH 84158
MARK HARVEY - JIM STRUHS
 PROJECT: WFS/WPX NM PITS

DATE REPORTED: 09/01/99
 DATE COLLECTED: 08/14/99
 DATE RECEIVED: 08/17/99

Reference Fraction:9908506-08A

Sample ID: CC24-V-EXWA-01

Sample Matrix: SOIL

Sample Date Collected: 08/14/99 11:58:00

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH	SW846-8015	26	MG/KG	2	08/25/99	BEM
BTEX	OA1/8021B			3.0		
BENZENE		ND	MG/KG	0.050	08/21/99	KKL
TOLUENE		ND	MG/KG	0.050	08/21/99	KKL
ETHYLBENZENE		ND	MG/KG	0.050	08/21/99	KKL
TOTAL XYLENES		0.474	MG/KG	0.050	08/21/99	KKL
BFB (SURROGATE)		91	125	75		

ND=NONE DETECTED

PQL=PRACTICAL QUANTITAION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY: _____

TERRY KOESTER

LABORATORY DIRECTOR

VERBAL REPORTS ASAP TO JIM STRUHS 801-947-0046

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 #: 9908829

SENT WILLIAMS FIELD SERVICE
TO: 295 CHIPETA WAY
SALT LAKE CITY, UTAH 84158
MARK HARVEY
PROJECT: IGN/NM-PITS

DATE REPORTED: 09/01/99
DATE COLLECTED: 08/23/99
DATE RECEIVED: 08/26/99

Reference Fraction: 9908829-09A

Sample ID: CC#24-V-LF-01

Sample Matrix: SOIL

Sample Date Collected: 08/23/99 14:15:00

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED BY
TOTAL PETROLEUM HYDR	EPA 418.1	ND	MG/KG	1.0	08/30/99 BEM

ND=NONE DETECTED

PQL=PRACTICAL QUANTITATION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:


TERRY KOESTER
LABORATORY DIRECTOR