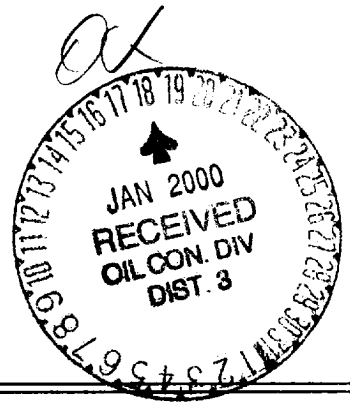


State of New Mexico
Energy, Minerals and Natural Resources Department

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 #6 (86113)
Location: Unit or Qtr/Qtr Sec ^AE Sec 16 T 32N R 11W County San Juan
PitType Dehydrator
LandType Fee

Pit Location: Pit dimensions: length 22 ft., width 27 ft., depth 5 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 55 ft.

Direction from reference: 15 Degrees West 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)	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: 8/12/99

Date Completed: 9/10/99

Remediation Method: Excavation ☒

Approx. Cubic Yard 110

(check all appropriate sections)

Landfarmed ☒

Insitu Bioremediation

Other Landfarmed soil after mechanical aeration. LF Headspace 2 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:

Closure Sampling:

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

Sample location CC #6-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 5 feet

Sample date 8/12/99

Sample time 19:10

Sample Result

Benzene (ppm) <0.05

Total BTEX (ppm) 3.47

Field Headspace (ppm)

TPH (ppm) 38

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  Fac. WFSPRINTED NAME Mark Harvey for Williams Field Services
AND TITLE

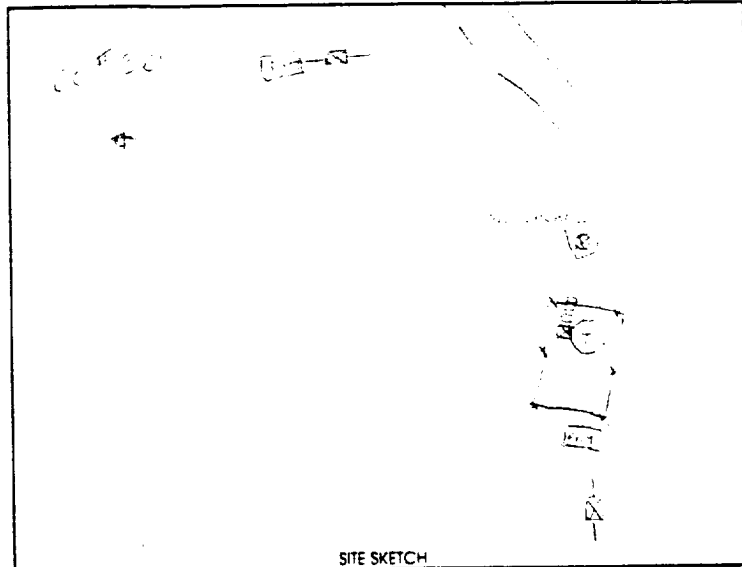
PIT RETIREMENT FORM

Date: 5-11-78 Weather 100°
Well Name 100-100-100 Operator WAX Sec 10 T 10 R 10 UL 10
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: 15
Direction: 15 Degrees _____ E N _____
of _____
_____ X W S X

Starting Pit Dimensions 18 x 2 x 2
Final Pit Dimensions 20.2 x 2.7 x 5.7



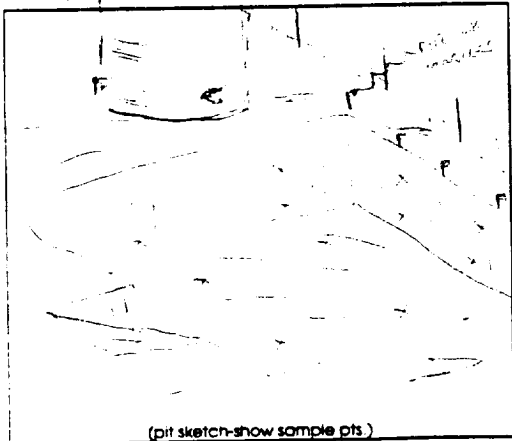
Organic Vapor Readings: Start _____ Soil Description: _____
 @ 2' _____
 @ 4' _____
 @ 6' _____
 @ 8' _____
 @ _____
 @ _____

Well Proximity To: Residence, Domestic Water Well, Stock Well 200'
Arroyo, Wash, Lake, Stream _____
Estimated or Known Distance to Ground Water > 100'

Source of Backfill (if other than processed material) _____

Samples collected:		Type	Progress:	Verification:	ID	
						soil / water
						soil / water
						soil / water

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



Comments: 1. The first part of the paper is very good.
2. The second part is very good.
3. The third part is very good.
4. The fourth part is very good.
5. The fifth part is very good.
6. The sixth part is very good.
7. The seventh part is very good.
8. The eighth part is very good.
9. The ninth part is very good.
10. The tenth part is very good.

Soil Shipped to:
Prepared by:

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 #: 9908482

SENT WILLIAMS FIELD SERVICE
TO: 295 CHIPETA WAY
SALT LAKE CITY, UTAH 84158
MARK HARVEY
PROJECT: IGF PITS

DATE REPORTED: 08/23/99
DATE COLLECTED: 08/12/99
DATE RECEIVED: 08/14/99

Reference Fraction: 9908482-08A
Sample ID: CC#6-V-EXFL-01/86113
Sample Date Collected: 08/12/99 19:10:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH	SW846-8015	38	MG/KG	2	08/20/99	BEM
BTEX	OA1/8021B			3.0		
BENZENE		ND	MG/KG	0.050	08/21/99	KKI
TOLUENE		0.148	MG/KG	0.050	08/21/99	KKI
ETHYLBENZENE		1.80	MG/KG	0.050	08/21/99	KKI
TOTAL XYLENES		1.52	MG/KG	0.050	08/21/99	KKI
BFB (SURROGATE)		92	125	75		

ND=NONE DETECTED
PQL=PRACTICAL QUANTITATION LIMIT
SU=STANDARD UNITS
B=DETECTED IN METHOD BLANK

APPROVED BY:


TERRY KOESTER
LABORATORY DIRECTOR

QWAL LABORATORIES, INC.

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

LABORATORY REPORT:

REFERENCE #: 9908482

SENT WILLIAMS FIELD SERVICE
TO: 295 CHIPETA WAY
SALT LAKE CITY, UTAH 84158
MARK HARVEY
PROJECT: IGF PITS

DATE REPORTED: 08/23/99
DATE COLLECTED: 08/12/99
DATE RECEIVED: 08/14/99

Reference Fraction: 9908482-07A
Sample ID: CC#6-V-EXWA-01/86113
Sample Date Collected: 08/12/99 19:16:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH	SW846-8015	ND	MG/KG	2	08/20/99	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		0.125	MG/KG	0.050	08/21/99	KKL
BFB (SURROGATE)		96	125	75		

ND=NONE DETECTED

PQL=PRACTICAL QUANTITATION 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 #: 9909457

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

DATE REPORTED: 09/21/99
DATE COLLECTED: 09/10/99
DATE RECEIVED: 09/14/99

Reference Fraction: 9909457-10A 86113
Sample ID: CC6-V-LF-02
Sample Date Collected: 09/10/99 12:45:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TOTAL PETROLEUM HYDR	EPA 418.1	1550	MG/KG	10.0	09/17/99	BEM

ND=NONE DETECTED
PQL=PRACTICAL QUANTITATION LIMIT
SU=STANDARD UNITS
B=DETECTED IN METHOD BLANK

APPROVED BY:

90. 
TERRY KOESTER
LABORATORY DIRECTOR