

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 #7 (86114)
Location: Unit or Qtr/Qtr Sec ~~10~~^G Sec 17 T 32N R 11W County San Juan
PitType Dehydrator
LandType Fee

Pit Location: Pit dimensions: length 11 ft., width 11 ft., depth 4 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 57 ft.

Direction from reference: 20 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: 8/23/99

Remediation Method: Excavation ☒

Approx. Cubic Yard 18

(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#7-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 4.5 feet

Sample date 8/12/99

Sample time 17:50

Sample Result

Benzene (ppm) <0.05

Total BTEX (ppm) 7.27

Field Headspace (ppm)

TPH (ppm) 173

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  FOR WFSPRINTED NAME Mark Harvey for Williams Field Services
AND TITLE

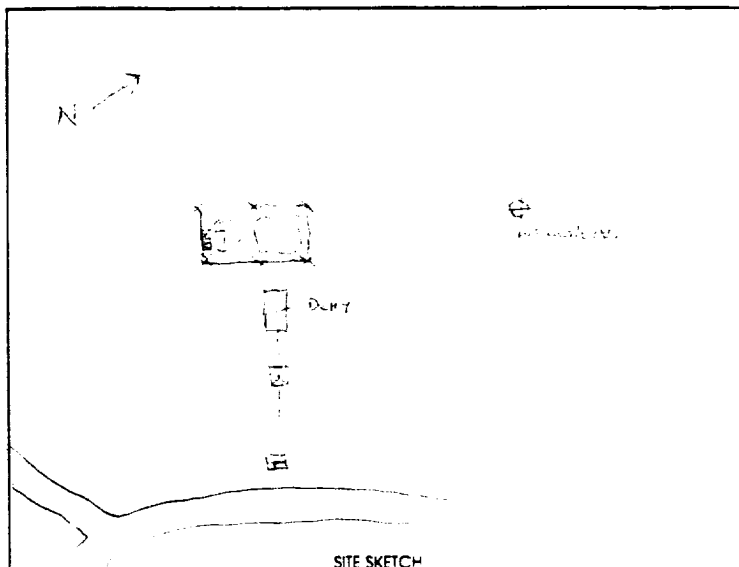
PIT RETIREMENT FORM

Date: 8/2/01 8/2/01 Weather clear
 Well Name Cox County #7 Operator WEX Sec 17 T 34N R 10E 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:
 Direction: Degrees E N
 of
 W S

Starting Pit Dimensions x x
 Final Pit Dimensions x x



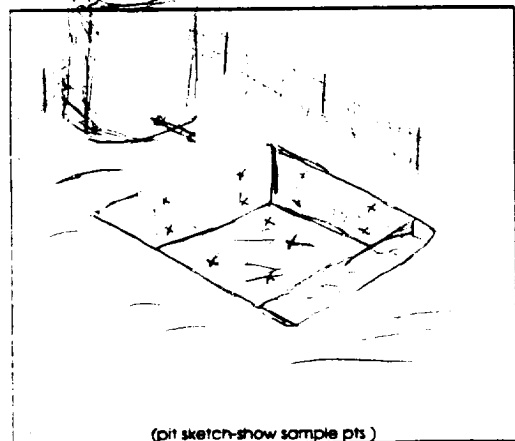
Organic Vapor Readings: Start Soil Description:
 @ 2'
 @ 4'
 @ 6'
 @ 8'
 @
 @

Well Proximity To: Residence, Domestic Water Well, Stock Well
 Arroyo, Wash, Lake, Stream
 Estimated or Known Distance to Ground Water

Source of Backfill (if other than processed material)

Samples collected: Type Progress: Verification: ID 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:

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

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

PROJECT: IGF PITS

Reference Fraction: 9908482-06A 86114
Sample ID: CC#7-V-EXFL-01/86114
Sample Date Collected: 08/12/99 17:50:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH	SW846-8015	173	MG/KG	2	08/19/99	BEM
BTEX	OA1/8021B			3.0		
BENZENE		ND	MG/KG	0.050	08/21/99	KKL
TOLUENE		0.404	MG/KG	0.050	08/21/99	KKL
ETHYLBENZENE		0.234	MG/KG	0.050	08/21/99	KKL
TOTAL XYLENES		6.64	MG/KG	0.050	08/21/99	KKL
BFB (SURROGATE)		95	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 #: 9908482

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

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

PROJECT: IGF PITS

Reference Fraction: 9908482-05A 86114
Sample ID: CC#7-V-EXWA-01/86114
Sample Date Collected: 08/12/99 17:43:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH	SW846-8015	77	MG/KG	2	08/19/99	BEM
BTEX	OA1/8021B			3.0		
BENZENE		ND	MG/KG	0.050	08/21/99	KKL
TOLUENE		1.90	MG/KG	0.050	08/21/99	KKL
ETHYLBENZENE		8.60	MG/KG	0.050	08/21/99	KKL
TOTAL XYLENES		17.0	MG/KG	0.050	08/21/99	KKL
BFB (SURROGATE)		112	125	75		

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B=DETECTED IN METHOD BLANK

APPROVED BY:

90. 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 #: 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: 9908829-15A 86114
Sample ID: CC#7-V-LF-01
Sample Date Collected: 08/23/99 14:05:00

Sample Matrix: SOIL

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

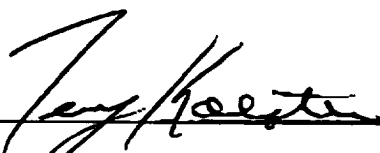
ND=NONE DETECTED

PQL=PRACTICAL QUANTITATION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:


TERRY KOESTER
LABORATORY DIRECTOR