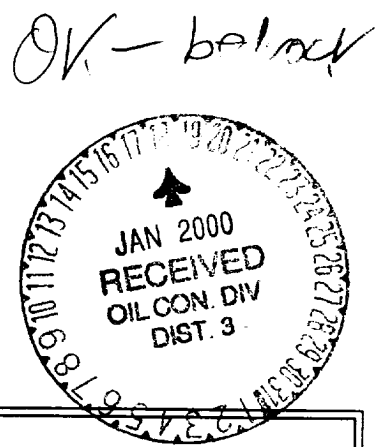


OIL CONSERVATION DIVISION

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: HOLT #4 (86736)
Location: Unit or Qtr/Qtr Sec *M* Sec 20 T 32N R 11W County San Juan
PitType Dehydrator
LandType Fee

Pit Location: Pit dimensions: length 26 ft., width 19 ft., depth 14 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 50 ft.

Direction from reference: 60 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>10</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>10</u>
irrigation canals and ditches)			

Ranking Score (TOTAL POINTS): 20

Date Remediation Started: 8/23/99

Date Completed: 8/24/99

Remediation Method: Excavation ☒

Approx. Cubic Yard 256

(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 HOLT #4-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 14 feet

Sample date 8/23/99

Sample time 15:52

Sample Result

Benzene (ppm) <0.05

Total BTEX (ppm) 32.6

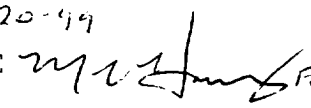
Field Headspace (ppm)

TPH (ppm) 940

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

86736

Date: 8/23/99

Weather PTLY CLOUDY, WARM

Well Name HOLT #4 Operator WPX

Sec 20 T 32N R 11W UL

Land Type: BLM STATE FEE INDIAN

County SAN JUAN, NM

One Call Made (505-765-1234)? Y N

Line Marking Evident? Y N

Pit Location:

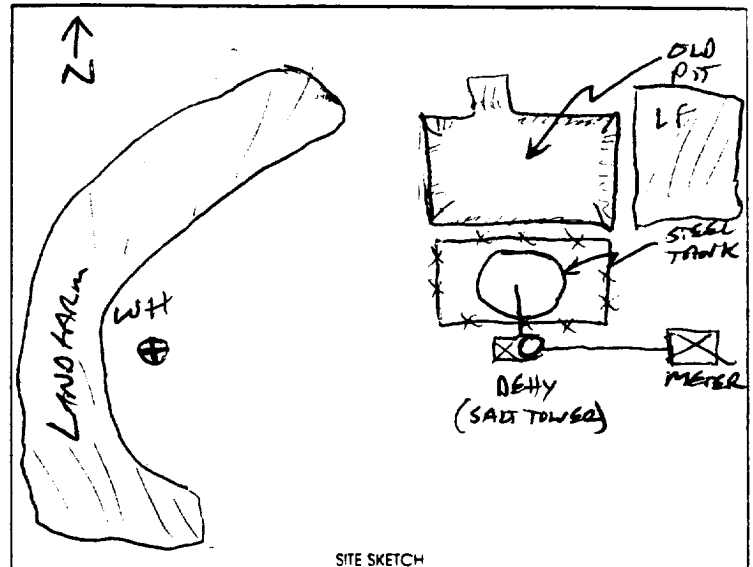
Reference Wellhead X Other _____

Distance from: 50'

Direction: 60° Degrees X E of N X
_____ W S _____

Starting Pit Dimensions 20 x 17 x 3

Final Pit Dimensions 26 x 19 x 14



Organic Vapor Readings: Start N/A

Soil Description: _____

@ 2' _____
@ 4' _____
@ 6' _____
@ 8' _____
@ _____
@ _____

0-12 BUFF-BRN, CLAYEY SILT, ↑ SAND W/ DEPTH
12-14 DRK GRAY-DRK BRN, SANDY SILT
14' RED ROCK, DRK BRN SILTSTONE/ARGILLITE

Well Proximity To: Residence, Domestic Water Well, Stock Well NONE

Arroyo, Wash, Lake, Stream none <500'

Estimated or Known Distance to Ground Water >100' >500'

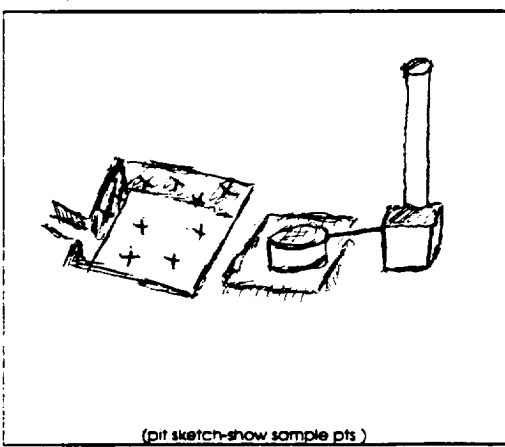
Source of Backfill (if other than processed material) _____

Samples collected: Type _____ Progress: Verification: ID HOLT #4-V-EXFL-01 soil water

Progress: Verification: ID HOLT #4-V-EXWA-01 soil water

Progress: Verification: ID _____ soil / water

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



Comments: MOB TO LOCATION ON 8/24/99 ~ REMOVE FENCING.

8/23/99: EXCAVATE PIT + LF SOIL ON-SITE.

8/24/99: SHRED LAYED OUT LF SOIL.

Soil Shipped to: ON-SITE LF

Prepared by: JPS

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: 9908829-02A

Sample ID: HOLT#4-V-EXFL-01

Sample Matrix: SOIL

Sample Date Collected: 08/23/99 15:52:00

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
BTEX	OA1/8021B			3.0		
BENZENE		ND	MG/KG	0.050	08/31/99	KKL
TOLUENE		13.8	MG/KG	0.050	08/31/99	KKL
ETHYLBENZENE		7.53	MG/KG	0.050	08/31/99	KKL
TOTAL XYLENES		11.3	MG/KG	0.050	08/31/99	KKL
BFB (SURROGATE)		96	125	75		
OA-I TPH AS GASOLINE	OA1/8015G	940	MG/KG	2.50	08/31/99	KKL

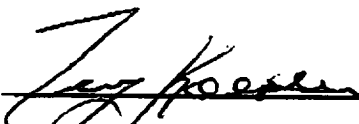
ND=NONE DETECTED

PQL=PRACTICAL QUANTITATION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:


 TERRY KOESTER
 LABORATORY DIRECTOR

-TPH = 9.7
 32.63

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

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

PROJECT: IGN/NM-PITS

Reference Fraction: 9908829-01A

Sample ID: HOLT#4-V-EXWA-01

Sample Matrix: SOIL

Sample Date Collected: 08/23/99 15:45:00

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
BTEX	OA1/8021B			3.0		
BENZENE		ND	MG/KG	0.050	08/31/99	KKL
TOLUENE		2.34	MG/KG	0.050	08/31/99	KKL
ETHYLBENZENE		ND	MG/KG	0.050	08/31/99	KKL
TOTAL XYLENES		3.17	MG/KG	0.050	08/31/99	KKL
BFB (SURROGATE)		109	125	75		
OA-I TPH AS GASOLINE	OA1/8015G	389	MG/KG	2.50	08/31/99	KKL
QA/QC PACKAGE LEVEL	NONE		SU			

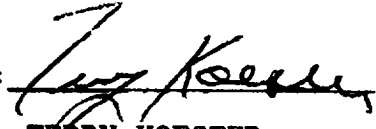
ND=NONE DETECTED

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

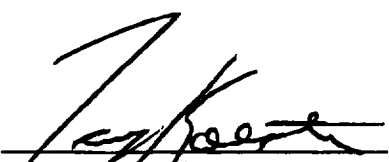
Reference Fraction: 9909457-08A 86736
Sample ID: HOLT-4-V-LF-01
Sample Date Collected: 09/10/99 13:45:00

Sample Matrix: SOIL

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

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

APPROVED BY:

96 
TERRY KOESTER
LABORATORY DIRECTOR