

OIL CONSERVATION DIVISION

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



PIT REMEDIATION AND CLOSURE REPORT

Operator: Phillips Petroleum (Williams Field Services)

Telephone: (801) 584-6361

Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900

WellName: SAN JUAN 31-6 #36

(85491)

Location: Unit or Qtr/Qtr Sec *K* Sec 27 T 31N R 6W County Rio Arriba

PitType Dehydrator

LandType: Fee

Pit Location: Pit dimensions: length 15 ft., width 14 ft., depth 7 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 57 ft.

Direction from reference: 12 Degrees East of South

Depth To Ground Water:

(Vertical distance from
contaminants to seasonal
high water elevation of
ground water)

Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (0 points) 0

Wellhead Protection Area:

(Less than 200 feet from a private
domestic water source, or; less than
1000 feet from all other water sources)

Yes (20 points)
No (0 points) 0

Distance To Surface Water:

(Horizontal distance to perennial
lakes, ponds, rivers, streams, creeks,
irrigation canals and ditches)

Less than 200 feet (20 points)
200 feet to 1,000 feet (10 points)
Greater than 1,000 feet (0 points) 0

Ranking Score (TOTAL POINTS): 0

Date Remediation Started: 9/8/99

Date Completed: 9/24/99

Remediation Method: Excavation ☒

Approx. Cubic Yard 54

(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 SJ 31-6 #36-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 7 feet

Sample date 9/8/99

Sample time 13:05

Sample Result

Benzene (ppm) <0.05

Total BTEX (ppm) <0.05

Field Headspace (ppm)

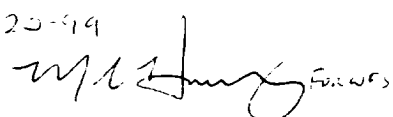
TPH (ppm) 60

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



PRINTED NAME Mark Harvey for Williams Field Services
AND TITLE

85491

PIT RETIREMENT FORM

Date: 9/8/99
 Well Name: SS 31-6 # 36
 Land Type: BLM STATE FEE INDIAN
 One Call Made (505-765-1234)? Y N
 Line Marking Evident? Y N

Weather: CLR, HOT
 Sec: 27 T 31 R 6WUL
 County: Rio Arriba

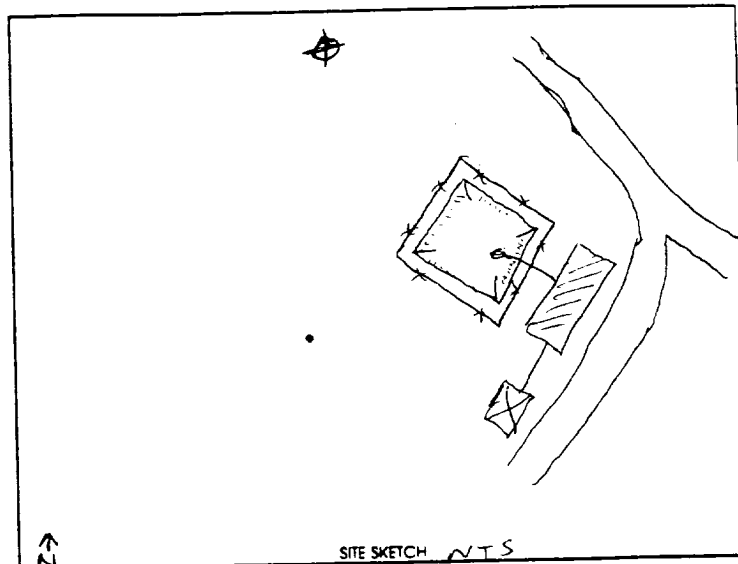
Pit Location:

Reference: Wellhead X Other _____
 Distance from: 57'
 Direction: 12 Degrees X E of N
BRG 168° W S X

Starting Pit Dimensions

15 x 14 x 2
15 x 14 x 7

Final Pit Dimensions



Organic Vapor Readings:

Start N/A
 @ 2' _____
 @ 4' _____
 @ 6' _____
 @ 8' _____
 @ _____
 @ _____

Soil Description:

0-7' BRN, CLAYEY SILT, MOD PLASTIC WHEN MOIST
7'+ BEAULIE GRN-GRAY SILTSTONE / SHALE

Well Proximity To:

Residence, Domestic Water Well, Stock Well NONE
 Arroyo, Wash, Lake, Stream > 1000' 0.3 mi TO STOCK POND
 Estimated or Known Distance to Ground Water > 100'

Source of Backfill (if other than processed material) _____

Samples collected: Type

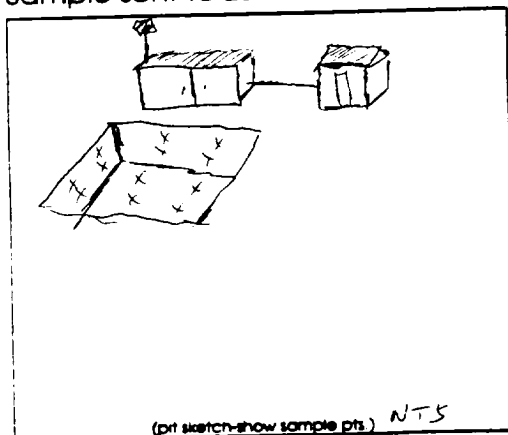
Progress: VerificationProgress: VerificationProgress: VerificationID SS 31-6 # 36-V-EXLA-01

soil / water

ID SS 31-6 # 36-V-EXFL-01

soil / water

ID _____ soil / water

Sample sent to Lab Via: CourierHand Carried _____ Other _____ Preservative: ICE Other _____

Comments: SETUP. EXCAVATED & SHREDDED PIT SOIL.
GLYCOL ODOR. ENCOUNTERED BEAULIE @ 7' bgs

Soil Shipped to: ON-SITE LFPrepared by: JPS

QWAL LABORATORIES, INC.

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

LABORATORY REPORT:

REFERENCE #: 9909359

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: 09/08/99
DATE RECEIVED: 09/10/99

Reference Fraction: 9909359-12A 85491
Sample ID: SJ31-6 #36-V-EXFL-01
Sample Date Collected: 09/08/99 13:05:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	60	MG/KG	2	09/16/99	BEM
BTEX	OA1/8021B			3.0		
BENZENE		ND	MG/KG	0.050	09/14/99	KKL
TOLUENE		ND	MG/KG	0.050	09/14/99	KKL
ETHYLBENZENE		ND	MG/KG	0.050	09/14/99	KKL
TOTAL XYLENES		ND	MG/KG	0.050	09/14/99	KKL
BFB (SURROGATE)		79	125	75		

ND=NONE DETECTED

PQL=PRACTICAL QUANTITATION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:

T.

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 #: 9909359

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: 09/08/99
DATE RECEIVED: 09/10/99

Reference Fraction: 9909359-11A 85491
Sample ID: SJ31-6 #36-V-EXWA-01
Sample Date Collected: 09/08/99 13:10:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	ND	MG/KG	2	09/16/99	BEN
BTEX	OA1/8021B			3.0		
BENZENE		ND	MG/KG	0.050	09/14/99	KKI
TOLUENE		ND	MG/KG	0.050	09/14/99	KKI
ETHYLBENZENE		ND	MG/KG	0.050	09/14/99	KKI
TOTAL XYLENES		ND	MG/KG	0.050	09/14/99	KKI
BFB (SURROGATE)		80	125	75		

ND-NONE DETECTED

PQL=PRACTICAL QUANTITATION LIMIT

SU=STANDARD UNITS

B-DETECTED IN METHOD BLANK

APPROVED BY:

qd.

TERRY KOESTER
LABORATORY DIRECTOR

QWAL LABORATORIES, INC.

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

LABORATORY REPORT:

REFERENCE #: 9909865

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

DATE REPORTED: 09/27/99
DATE COLLECTED: 09/24/99
DATE RECEIVED: 09/25/99

PROJECT: WFS/IGN NM-PITS

Reference Fraction: 9909865-02A
Sample ID: SJ31-6 #36-V-LF-01/85491
Sample Date Collected: 09/24/99 10:15:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TOTAL PETROLEUM HYDR	EPA 418.1	ND	MG/KG	10.0	09/27/99	BEM

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

APPROVED BY:


TERRY KOESTER
LABORATORY DIRECTOR