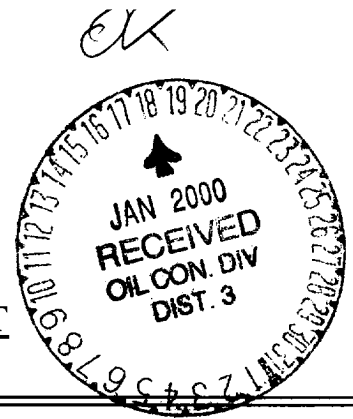


State of New Mexico
Energy, Minerals and Natural Resources Department

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



PIT REMEDIATION AND CLOSURE REPORT

Operator: Phillips Petroleum (Williams Field Services) Telephone: (801) 584-6361
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900
WellName: San Juan 32-7 #41 (86717)
Location: Unit or Qtr/Qtr Sec 1 Sec 7 T 32N R 7W County San Juan
PitType Dehydrator
LandType: Fee

Pit Location: Pit dimensions: length 20 ft., width 16 ft., depth 9 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 57 ft.

Direction from reference: 20 Degrees West 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>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: 9/16/99

Date Completed: 9/27/99

Remediation Method: Excavation ☒

Approx. Cubic Yard 107

(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 32-7 #41-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 9 feet

Sample date 9/16/99

Sample time 12:11

Sample Result

Benzene (ppm) <0.05

Total BTEX (ppm) 0.09

Field Headspace (ppm)

TPH (ppm) 6

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

86717

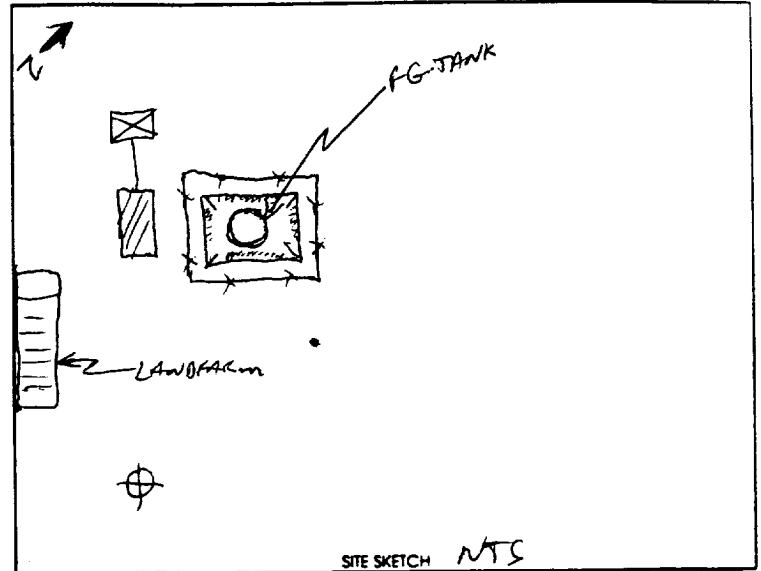
Date: 9-16-99
 Well Name SJ 32-7 #41 Operator PHILLIPS Sec 7 T 32N R 7W UL
 Land Type: BLM STATE FEE INDIAN
 One Call Made (505-765-1234)?
 Line Marking Evident? 1800 321 2537

Weather Pty Clay, Warm
 County SAN JUAN

Pit Location:

Reference Wellhead X Other _____
 Distance from: 57'
 Direction: 20 Degrees _____ E _____ N X
N 20° W of _____
X W _____ S _____

Starting Pit Dimensions 15 x 15 x 2
 Final Pit Dimensions 20 x 16 x 9



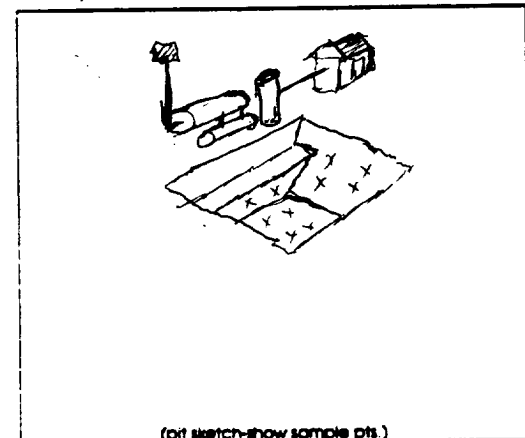
Organic Vapor Readings: Start N/A Soil Description: _____
 @ 2' 0-9' BRN. DRK BRN SILTY CLAY / CLAYEY SILT
 @ 4' W/ SOME COBBLE - COARSE GRAVEL.
 @ 6' ↑ ORG MAT - TREES, ROCKS FROM WELL PAD
 @ 8' CONST.
 @ _____ ↑ ROCK W/ DEPTH
 @ _____

Well Proximity To: Residence, Domestic Water Well, Stock Well NONE
 Arroyo, Wash, Lake, Stream PINE RIVER > 0.5 mi EAST
 Estimated or Known Distance to Ground Water > 100'

Source of Backfill (if other than processed material) _____

Samples collected: Type Progress: Verification ID SJ 32-7 #41-V-EXWA-01 soil / water
 Progress: Verification ID SJ 32-7 #41-V-EXFL-01 soil / water
 Progress: Verification ID _____ soil / water

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



Comments: 9-15-99 PULL TANK, BLOWDOWN WELL.
REMOVE FENCE. BEGIN EXCAVATING & SHREDDING
MATERIAL. STRONG GLYCOL / SEWER ODOR.
9-16-99 CONTINUE EXCAVATION & SHREDDING.
EXPAND EXCAVATION LATERALLY TO CLEAN SIDEWALLS?

Soil Shipped to: ON-SITE LANDFARM
 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 #: 9909783

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

DATE REPORTED: 09/29/99
DATE COLLECTED: 09/16/99
DATE RECEIVED: 09/23/99

Reference Fraction: 9909783-24A
Sample ID: SJ32-7 #41-V-EXFL-01
Sample Date Collected: 09/16/99 12:11:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	6	MG/KG	2	09/25/99	BEM
BTEX	OA1/8021B			3.0		
BENZENE		ND	MG/KG	0.050	09/28/99	KKL
TOLUENE		0.088	MG/KG	0.050	09/28/99	KKL
ETHYLBENZENE		ND	MG/KG	0.050	09/28/99	KKL
TOTAL XYLENES		ND	MG/KG	0.050	09/28/99	KKL
BFB (SURROGATE)		79	125	75		
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

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QWAL LABORATORIES, INC.

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

LABORATORY REPORT:

REFERENCE #: 9909783

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

DATE REPORTED: 09/29/99
DATE COLLECTED: 09/16/99
DATE RECEIVED: 09/23/99

PROJECT: WFS/IGN-NM PITS

Reference Fraction: 9909783-23A

Sample ID: SJ32-7 #41-V-EXWA-01 86717
Sample Date Collected: 09/16/99 12:00:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED BY
TPH-DRO	SW846-8015D	8	MG/KG	2	09/25/99 BEM
BTEX	OA1/8021B			3.0	
BENZENE		ND	MG/KG	0.050	09/28/99 KKL
TOLUENE		ND	MG/KG	0.050	09/28/99 KKL
ETHYLBENZENE		ND	MG/KG	0.050	09/28/99 KKL
TOTAL XYLENES		ND	MG/KG	0.050	09/28/99 KKL
BFB (SURROGATE)		80	125	75	
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

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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 #: 9909913

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

DATE REPORTED: 09/29/99
DATE COLLECTED: 09/27/99
DATE RECEIVED: 09/28/99

Reference Fraction: 9909913-08A
Sample ID: 8J32-7#41-V-LF-01
Sample Date Collected: 09/27/99 12:50:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED BY
QA/QC PACKAGE LEVEL	NONE	DONE	SU		
TOTAL PETROLEUM HYDR	EPA 418.1	ND	MG/KG	10.0	09/29/99 BEM

ND=NONE DETECTED

PQL=PRACTICAL QUANTITATION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:


TERRY KOESTER
LABORATORY DIRECTOR