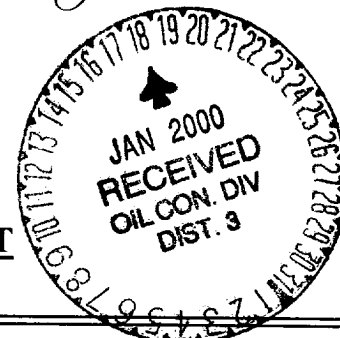


OIL CONSERVATION DIVISION

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: SJ 32-7 UNIT #44 (87879)
Location: Unit or Qtr/Qtr Sec W Sec 22 T 32N R 7W County San Juan
PitType Dehydrator
LandType Fee

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

Reference: Wellhead

Footage from reference: 25 ft.

Direction from reference: 75 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>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: 9/20/99

Date Completed: 9/20/99

Remediation Method: Excavation ☐

Approx. Cubic Yard

(check all appropriate sections)

Landfarmed ☐

Insitu Bioremediation

Other ☐ AssessedRemediation Location: Onsite ☐ Offsite ☐

(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action:

Assessed pit by excavating two test pits to 8 feet below ground surface and collecting composite samples.

Ground Water Encountered: No

Final Pit:

Sample location SJ 32-7 #44-A-TPFL-01

Closure Sampling:

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

Sample depth 8 feet

Sample date 9/20/99

Sample time 11:12

Sample Result

Benzene (ppm) <0.05

Total BTEX (ppm) <0.05

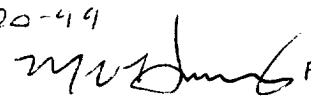
Field Headspace (ppm)

TPH (ppm) <2.0

Ground Water Sample: No

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 9-20-99

SIGNATURE  FOR WFSPRINTED NAME Mark Harvey for Williams Field Services
AND TITLE

PIT RETIREMENT FORM

87879

Date: 9-20-99Well Name SJ 32-7 #44Operator PHILLIPSWeather CLR. WARM 75°F+and Type: BLM STATE FEE INDIANSec 22 T 32N R 7W UL

One Call Made (505-765-1234)?

Y NLine Marking Evident? 1800 321 2337Y N

Pit Location:

Reference Wellhead X OtherDistance from: 25'Direction: 75° Degrees X E X N X

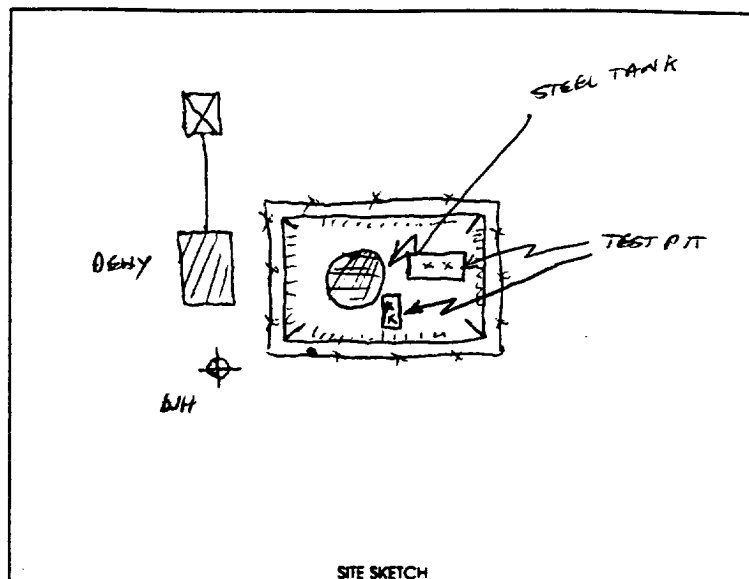
of

W S

Starting Pit Dimensions

28 x 28 x 3

Final Pit Dimensions

N/A x x Organic Vapor Readings: Start N/A Soil Description:

@ 2'

@ 4'

@ 6'

@ 8'

@

@

0-8' BRN / BLK CLAYEY SILT. PLASTIC. TR

FINE - MEDIUM SAND

8'+ GRAY / BRN SILTY CLAY - PLASTIC

Well Proximity To: Residence, Domestic Water Well, Stock Well NONEArroyo, Wash, Lake, Stream >1000'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 #44 - TPFL-01soil / water

Progress: Verification:

ID SJ 32-7 #44 - TPWA-01soil / water

Progress: Verification:

ID soil / waterSample sent to Lab Via: Courier

Hand Carried

Other

Preservative: ICE OtherN/A

Comments:

LARGE PIT WITH ABOVE GRADE STEEL TANK. DUG

TEST PITS TO ASSESS SOIL CONDITIONS. SOIL WAS MOIST

& VARIED FROM BRN CLAYEY SILT TO BLACK CLAYEY SILT,

↑ ORG. MATERIAL IN BLACK SOIL. NO H/C ODR.

RAW PETROFLAG TEST 10 GRAMS @ RC=5 TPH=86ppm.

Soil Shipped to:

Prepared by: JP

(pit sketch show sample pts.)

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: 09/20/99
DATE RECEIVED: 09/23/99

PROJECT: WFS/IGN-NM PITS

Reference Fraction: 9909783-22A
Sample ID: SJ32-7 #44-A-TPFL-01 87879
Sample Date Collected: 09/20/99 11:12:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	ND	MG/KG	2	09/25/99	BEM
BTEX	OAL/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
TERRY KOESTER
LABORATORY DIRECTOR

QWAL LABORATORIES, INC.

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DATE REPORTED: 09/29/99
DATE COLLECTED: 09/20/99
DATE RECEIVED: 09/23/99

PROJECT: WFS/IGN-NM PITS

Reference Fraction: 9909783-21A

Sample ID: SJ32-7 #44-A-TPWA-01

Sample Date Collected: 09/20/99 11:19:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	9	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