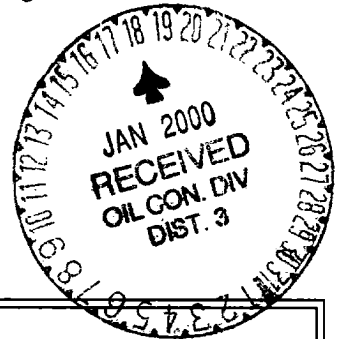


State of New Mexico
Energy, Minerals and Natural Resources Department

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 31-6 #39 (85777)
Location: Unit or Qtr/Qtr Sec B Sec 28 T 31N R 6W County Rio Arriba
PitType Dehydrator
LandType Fee

Pit Location: Pit dimensions: length 15 ft., width 15 ft., depth 5 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 66 ft.

Direction from reference: 45 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: 9/9/99

Date Completed: 9/24/99

Remediation Method: Excavation ☒
(check all appropriate sections)

Approx. Cubic Yard 42

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 #39-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 5 feet

Sample date 9/9/99

Sample time 14:58

Sample Result

Benzene (ppm) <0.05

Total BTEX (ppm) <0.05

Field Headspace (ppm)

TPH (ppm) 104

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

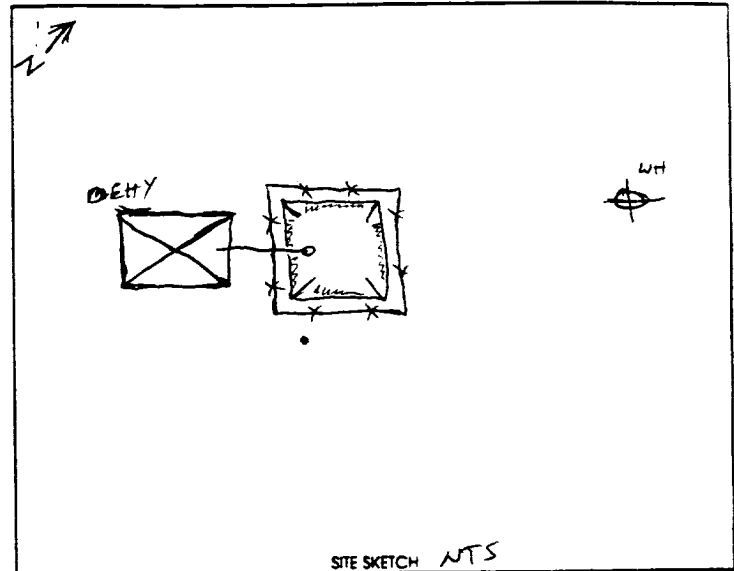
85777

Date: 9/9/99
 Well Name: SJ 31-6 # 39 Operator: PHILLIPS Sec: 28 T31N R6W UL
 Land Type: BLM STATE FEE INDIAN County: RIO ARriba
 One Call Made (505-765-1234)? Y N
 Line Marking Evident? Y N

Pit Location:

Reference Wellhead X Other _____
 Distance from: 66
 Direction: 45° Degrees _____ E N _____
 _____ W of _____ S _____

Starting Pit Dimensions 15 x 15 x 4
 Final Pit Dimensions 15 x 15 x 5



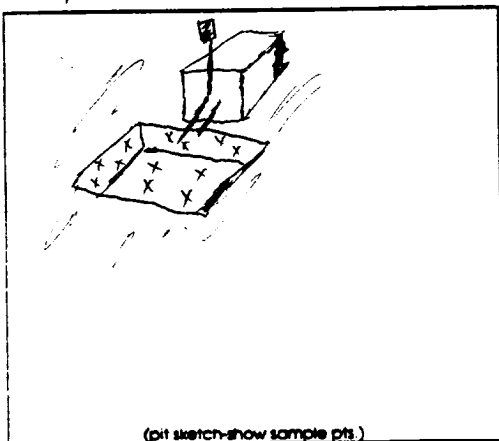
Organic Vapor Readings: Start N/A Soil Description: _____
 @ 2' BRN SANDY SILT W/NUMEROUS SS FRAG +
 @ 4' COBBLES.
 @ 6' 5' + = BEDROCK WELL INDURATED, GRAY/BRN
 @ 8' SANDSTONE
 @ _____
 @ _____

Well Proximity To: Residence, Domestic Water Well, Stock Well NONE
 Arroyo, Wash, Lake, Stream >1000'
 Estimated or Known Distance to Ground Water >110'

Source of Backfill (if other than processed material) _____

Samples collected: Type Progress: Verification: ID SJ 31-6 # 39-V-EXWA-01 soil / water
 Progress: Verification: ID SJ 31-6 # 39-V-EXFL-01 soil / water
 Progress: Verification: ID _____ soil / water

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



Comments: BEDROCK (SS) ENCOUNTERED @ 5' 6" 95
1' BELOW PIT BOTTOM

Soil Shipped to: ON-SITE LF
 Prepared by: JP

QWAL LABORATORIES, INC.

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: 09/09/99
DATE RECEIVED: 09/14/99

Reference Fraction: 9909457-04A 85777
Sample ID: SJ31-6#39-V-EXFL-01
Sample Date Collected: 09/09/99 14:58:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	104	MG/KG	2	09/18/99	BEM
BTEX	OA1/8021B			3.0		
BENZENE		ND	MG/KG	0.050	09/16/99	KKL
TOLUENE		ND	MG/KG	0.050	09/16/99	KKL
ETHYLBENZENE		ND	MG/KG	0.050	09/16/99	KKL
TOTAL XYLENES		ND	MG/KG	0.050	09/16/99	KKL
BFB (SURROGATE)		87	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 #: 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: 09/09/99
DATE RECEIVED: 09/14/99

Reference Fraction: 9909457-03A 85777
Sample ID: SJ31-6#39-V-EXWA-01
Sample Date Collected: 09/09/99 14:50:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	ND	MG/KG	2	09/18/99	BEM
BTEX	OA1/8021B			3.0		
BENZENE		ND	MG/KG	0.050	09/16/99	KKL
TOLUENE		ND	MG/KG	0.050	09/16/99	KKL
ETHYLBENZENE		ND	MG/KG	0.050	09/16/99	KKL
TOTAL XYLENES		ND	MG/KG	0.050	09/16/99	KKL
BFB (SURROGATE)		79	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 #: 9909865

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

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

Reference Fraction: 9909865-01A
Sample ID: SJ31-6 #39-V-LF-01/85777
Sample Date Collected: 09/24/99 11:30:00

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	09/27/99	BEM

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

APPROVED BY:


TERRY KOESTER
LABORATORY DIRECTOR