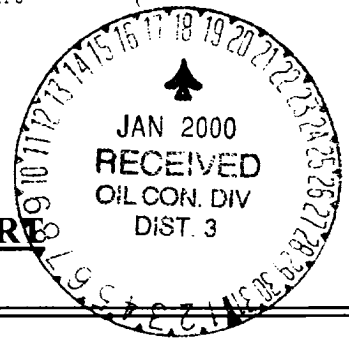


State of New Mexico
Energy Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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



PIT REMEDIATION AND CLOSURE REPORT

Operator: Williams Production Co. (Williams Field Services) Telephone: (801) 584-6361
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900
WellName: Rosa #15 (71762-S)
Location: Unit or Qtr/Qtr Sec ~~4~~ Sec 29 T 31N R 5W County Rio Arriba
PitType Separator
LandType Fee

Pit Location: Pit dimensions: length 12 ft., width 12 ft., depth 1 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 45 ft.

Direction from reference: 45 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>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>0</u>
irrigation canals and ditches)		

Ranking Score (TOTAL POINTS): 10

Date Remediation Started: 12/11/99

Date Completed: 12/11/99

Remediation Method: Excavation ☐
(check all appropriate
sections)

Approx. Cubic Yard

Landfarmed ☐

Insitu Bioremediation

Other ASSESSED

Remediation Location: Onsite ☐ Offsite(ie. landfarmed onsite,
name and location of
offsite facility)

General Description Of Remedial Action:

Fiberglass tank set with bottom at grade and bermed. Poly liner below tank. WFS dehydrator and WPX separator both plumbed to fiberglass tank. Excavated test pit to 5.5-feet below ground surface and collected assessment sample.

Ground Water Encountered: No

Final Pit:

Sample location Rosa 15-A-TPFL-01

Closure Sampling:

Assessment

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

Sample depth 5 feet

Sample date 12/11/99

Sample time 13:00

Sample Result

Benzene (ppm) <0.05

Total BTEX (ppm) <0.05

Field Headspace (ppm)

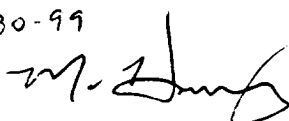
TPH (ppm) 108

Ground Water Sample: No

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

DATE 12-30-99

SIGNATURE



PRINTED NAME Mark Harvey for Williams Field Services
AND TITLE

PIT RETIREMENT FORM

71762-S

Date: 12/11/99

Weather PTLY CLOUDY MILD 40°F+

Well Name ROSA #15 Operator WPX

Sec 29 T 31N R 5W UL

Land Type: BLM STATE FEE INDIAN

County RIO ARriba

One Call Made (505-765-1234)?

Line Marking Evident?

Y N
Y N

LS6 SF 079165

Pit Location:

Reference Wellhead X Other

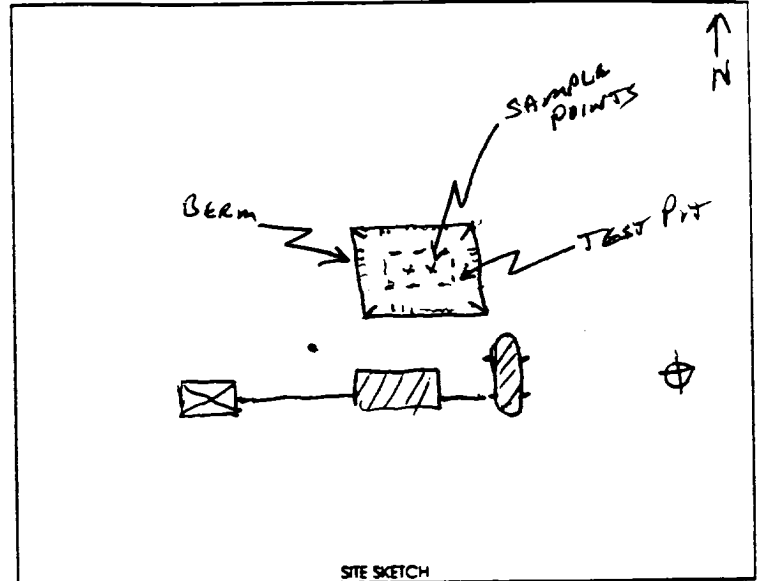
Distance from: 45'

Direction: 45 Degrees E N X

X of W S

Starting Pit Dimensions 12 x 12 x 0

Final Pit Dimensions 12 x 12 x 0



Organic Vapor Readings: Start N/A Soil Description: 0-5' BRN CLAYEY SILT / SILTY CLAY

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

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

Arroyo, Wash, Lake, Stream >1000'

Estimated or Known Distance to Ground Water 50-100'

Source of Backfill (if other than processed material)

Samples collected: Type Assess Progress: Verification: ID ROSA 15-A-TPFL-01 soil / water
Progress: Verification: ID soil / water
Progress: Verification: ID soil / water

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

N/A

Comments: LOCATION BACKFILLED AFTER SAMPLING 12/11/99
FG TANK SET W/ BOTTOM AT GRADE + BERMED.
POLY LINER BELOW TANK. WFS ABHY + WPX
SEPARATOR BOTH PLUMBED TO FG TANK. ASSUME
THAT FORMER PIT - IF ONE EXISTED - WAS LOCATED
AT SAME SPOT. EXCAVATE TEST PIT TO 5.5' bgs
COLLECT ASSESSMENT SAMPLE, NO ODOOR OR VISUAL
INDICATION OF HC IMPACT

Soil Shipped to: N/A

Prepared by: APS

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 #: 9912485

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

DATE REPORTED: 12/31/99
DATE COLLECTED: 12/11/99
DATE RECEIVED: 12/14/99

Reference Fraction: 9912485-01A
Sample ID: ROSA 15-A-TPFL-01
Sample Date Collected: 12/11/99 13:00:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	108	MG/KG	2	12/15/99	BEM
BTEX	OA1/8021B			3.0		
BENZENE		ND	MG/KG	0.050	12/17/99	KKI
TOLUENE		ND	MG/KG	0.050	12/17/99	KKI
ETHYLBENZENE		ND	MG/KG	0.050	12/17/99	KKI
TOTAL XYLENES		ND	MG/KG	0.050	12/17/99	KKI
BFB (SURROGATE)		99	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:

TKOESTER

TERRY KOESTER
LABORATORY DIRECTOR

OK