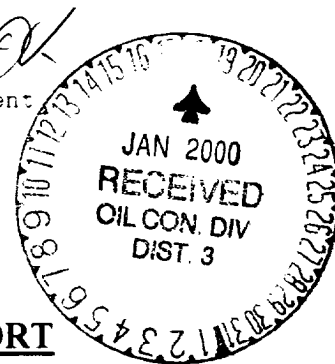


OIL CONSERVATION DIVISION

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 #64 (85124-S)
Location: Unit or Qtr/Qtr Sec A Sec 29 T 31N R 5W County Rio Arriba
PitType Separator
LandType Fee

Pit Location: Pit dimensions: length 24 ft., width 20 ft., depth 5 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 80 ft.

Direction from reference: 15 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>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>10</u>
irrigation canals and ditches)		

Ranking Score (TOTAL POINTS): 20

Date Remediation Started: 12/12/99

Date Completed: 12/12/99

Remediation Method: Excavation ☐

Approx. Cubic Yard

(check all appropriate
sections)Landfarmed ☐

Insitu Bioremediation

Other ASSESSED

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

General Description Of Remedial Action:

Assessed unlined earthen pit by advancing hand probe to 3 feet below pit bottom and collecting a 4-point composite sample.

Ground Water Encountered: No

Final Pit:

Sample location Rosa-64-A-HP-01

Closure Sampling:

Assessment

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

Sample depth 3 feet

Sample date 12/12/99

Sample time 16:05

Sample Result

Benzene (ppm) 0.577

Total BTEX (ppm) 0.690

Field Headspace (ppm)

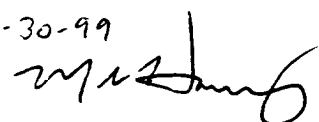
TPH (ppm) 20

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 ASSESSMENT FORM

AssessDate: 12-12-99

Meter: 85124-S

Well Name: Rosa #64

Un S 29 T 31N R 5W

County: RIO ARriba

Operator: WPX

Pit Type: SEPARATOR
EARTHEN

Land Type: FEF?
LSE SF 078 764

Pit Information:

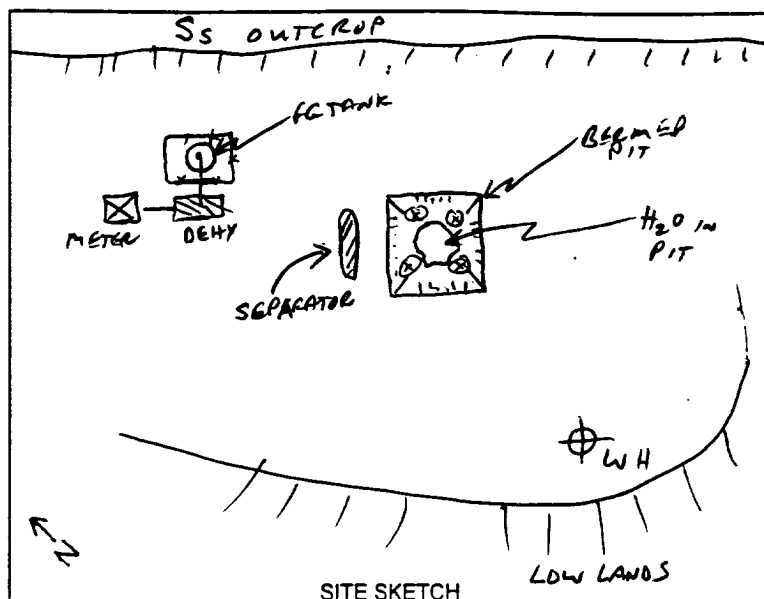
Reference: WELLHEAD

Distance: 80

Degrees: 15 E of N

Starting Pit Dimensions: 24 X 20 X 5 ft.

Ground Water Encountered? ☐



Ranking Information:

Depth To Ground Water:

☐ <50 ft

☒ >50 ft <100 ft

☐ >100 ft

Wellhead Protection Area: <200 ft from private domestic source, or, <1,000 ft from all other sources

☐ Yes

☒ No

Distance To Surface Water:

☐ <200 ft

☒ >200 ft <1,000 ft

☐ >1,000 ft

Sampling Information:

GeneralDescription:

ASSESSED UNLINED EARTHEN PIT BY ADVANCING
HAND PROBE TO 2.5'-3' BELOW PIT BOTTOM & COLLECTING
4-POINT COMPOSITE SAMPLE

SampleLocation:

4-POINT COMPOSITE, 1 PT FROM EACH QUADRANT
WATER IN PIT PREVENTED SAMPLING VERY BOTTOM OF PIT

Sample ID:

ROSA64-A-HP101

SampleTime:

1605

SamplerName:

APS

Sample Headspace (ppm):

NA

Prepared By:

APS

Preparation Date: 12-12-99

Ready For Closure?

☐

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 #: 9912486

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: 12/12/99
DATE RECEIVED: 12/14/99

Reference Fraction: 9912486-05A
Sample ID: ROSA-64-A-HP-01
Sample Date Collected: 12/12/99 16:05:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED BY
TPH-DRO	SW846-8015D	20	MG/KG	2	12/15/99 BEI
BTEX	OA1/8021B			3.0	
BENZENE		0.577	MG/KG	0.050	12/20/99 KK
TOLUENE		ND	MG/KG	0.050	12/20/99 KK
ETHYLBENZENE		ND	MG/KG	0.050	12/20/99 KK
TOTAL XYLENES		0.113	MG/KG	0.050	12/20/99 KK
BFB (SURROGATE)		118	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

