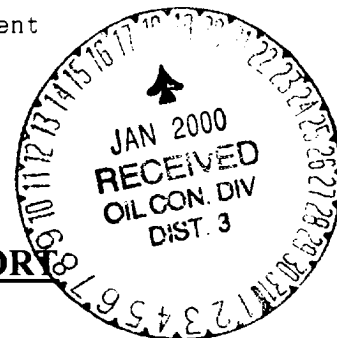


OK

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 #17 (71740-S)
Location: Unit or Qtr/Qtr Sec *M* Sec 20 T 31N R 5W County Rio Arriba
PitType Separator
LandType Fee

Pit Location: Pit dimensions: length 18 ft., width 17 ft., depth 5 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 38 ft.

Direction from reference: 80 Degrees East of North

Depth To Ground Water:

(Vertical distance from
contaminants to seasonal
high water elevation of
ground water)

Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (0 points) 10

Wellhead Protection Area:

(Less than 200 feet from a private
domestic water source, or; less than
1000 feet from all other water sources)

Yes (20 points)
No (0 points) 0

Distance To Surface Water:

(Horizontal distance to perennial
lakes, ponds, rivers, streams, creeks,
irrigation canals and ditches)

Less than 200 feet (20 points)
200 feet to 1,000 feet (10 points)
Greater than 1,000 feet (0 points) 0

Ranking Score (TOTAL POINTS): 10

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 collecting a 4-point composite sample 2.5-3 feet below pit bottom with hand probe.

Ground Water Encountered: No

Final Pit:

Sample location Rosa 17-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 15:30

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 12-30-99

SIGNATURE

PRINTED NAME Mark Harvey for Williams Field Services
AND TITLE

PIT ASSESSMENT FORM

AssessDate: 12-12-99

Meter: 71740-S

Well Name: ROSA 17 Un S²⁰ T 3^N R 5^W County: RIO ARriba

Operator: WPX

Pit Type: SEPARATOR Land Type: FEE
EARTHEN

Pit Information:

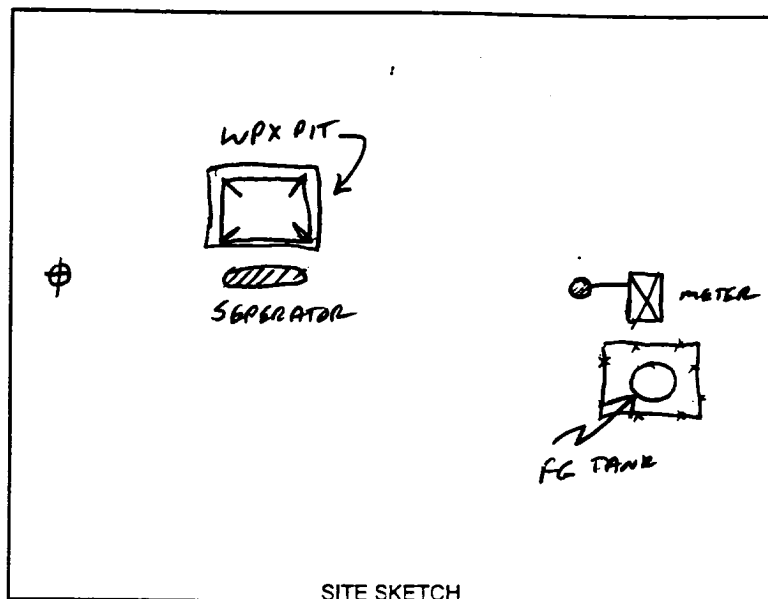
Reference: WELLHEAD

Distance: 38'

Degrees: 80' E of N

Starting Pit Dimensions: 18 x 17 x 5 ft.

Ground Water Encountered? NO



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:

UNLINED EARTHEN PIT, ASSESSED BY COLLECTING
4-POINT COMPOSITE SAMPLE 2.5-3' BELOW PIT
BOTTOM WITH HAND PROBE.
BPN SILTY CLAY, PLASTIC, STIFF.
WFS PIT HAS FC TANK

SampleLocation:

1 POINT IN EACH QUADRANT OF PIT

Sample ID: ROSA 17-A-HP-01

SampleTime: 15:30

SamplerName: JPS

Sample Headspace (ppm): N/A

Prepared By: JPS

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 #: 9912485

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

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

PROJECT: WFS/NM PITS

Reference Fraction: 9912485-03A

Sample ID: ROSA 17-A-HP-01

Sample Matrix: SOIL

Sample Date Collected: 12/12/99 15:30:00

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	ND	MG/KG	2	12/15/99	BEN
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)		98	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