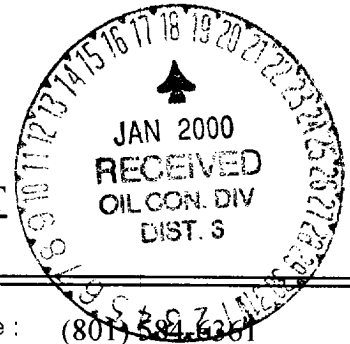


State of New Mexico
Energy, Minerals and Natural Resources Department

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) 581-6381
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900
WellName: ROSA 101 DK (SEP) (85882-S)
Location: Unit or Qtr/Qtr Sec *K* Sec 24 T 31N R 6W County San Juan
PitType Separator
LandType Fee

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

Reference: Wellhead

Footage from reference: 160 ft.

Direction from reference: 30 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: 10/4/99

Date Completed: 10/4/99

Remediation Method: Excavation ☐

Approx. Cubic Yard

(check all appropriate sections)

Landfarmed ☐Insitu Bioremediation ☐Other ☐Assessed pit with hand probe. Refusal at 3 feet below pit bottom.
BEDROCK.

Remediation Location:

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

General Description Of Remedial Action:

Assessed pit with hand probe.

Ground Water Encountered: No

Final Pit:

Sample location ROSA 101 DK (SEP)-A-HP-01

Closure Sampling:

Assessment sample from 2.5 to 3 foot depth interval below pit bottom.

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

Sample depth 3 feet

Sample date 10/4/99

Sample time 13:25

Sample Result

Benzene (ppm) <0.05

Total BTEX (ppm) <0.05

Field Headspace (ppm)

TPH (ppm) 27.1

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

DK 85882-5

Date: 10-4-99

Well Name ROSA 101 SEP DK & GL Operator LWPX

Weather CLR. WARM 25°F

Land Type: BLM STATE FEE INDIAN

Sec 24 T31N R6W UL

One Call Made (505-765-1234)?

County RIO ARriba

Line Marking Evident? 1800 321237

Y N
Y N

Pit Location:

Reference Wellhead X Other

Distance from:

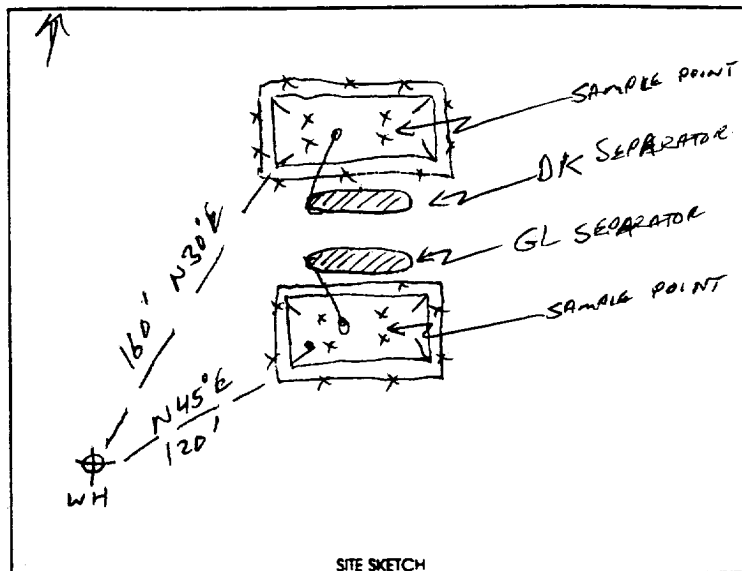
Direction: Degrees E N

of

W S

Starting Pit Dimensions DK 32 32 7
GL 18 x 18 x 5

Final Pit Dimensions N/A x x



SITE SKETCH

Organic Vapor Readings: Start N/A

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

Soil Description:

BROWN CLAYEY SILT, MOD PLASTIC,
NO SIG ODR

ADVANCED SOIL PROBE TO 3' BELOW PIT
BOTTOM, MET REFUSAL - SAMPLED
2.5'-3' INTERVAL

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

Arroyo, Wash, Lake, Stream >1000'

Estimated or Known Distance to Ground Water >100'

Source of Backfill (if other than processed material)

Assess

ROSA 101 DK (SEP) - A-H-P-01

Samples collected: Type

Progress: Verification:

ID ROSA 101 GL (SEP) - A-H-P-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

Comments:

PRODUCTION SEPARATOR PITS WERE NOT ON LIST OF
PITS TO REMEDIATE. ONLY GATHERING PITS
WERE LISTED. CONDUCTED ASSESSMENT OF
PRODUCTION SEP. PITS WHILE EQUIP. STILL AVAILABLE
ON-SITE COMPLETION - 2 SEP PITS - EARTHEN.

Soil Shipped to:

Prepared by: JPS

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 #: 9910087

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

DATE REPORTED: 11/22/99
DATE COLLECTED: 10/04/99
DATE RECEIVED: 10/05/99

Reference Fraction: 9910087-04A

Sample ID: ROSA 101 DK (SEP)-A-HP-01 85582-8

Sample Matrix: SOIL

Sample Date Collected: 10/04/99 13:25:00

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED BY
TPH-DRO	SW846-8015D	27.1	MG/KG	2.0	10/06/99 DN
BTEX	OAL/8021B			3.0	
BENZENE		ND	MG/KG	0.050	10/07/99 KK
TOLUENE		ND	MG/KG	0.050	10/07/99 KK
ETHYLBENZENE		ND	MG/KG	0.050	10/07/99 KK
TOTAL XYLENES		ND	MG/KG	0.050	10/07/99 KK
BFB (SURROGATE)		97	125	75	

ND=NONE DETECTED

PQL=PRACTICAL QUANTITATION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:


TERRY KOESTER
LABORATORY DIRECTOR