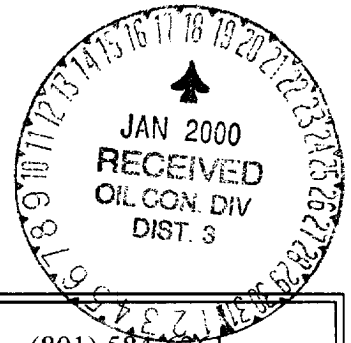


State of New Mexico  
Energy, Minerals and Natural Resources Department

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 101 GL (SEP) ( 85883-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: 120 ft.

Direction from reference: 45 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 by advancing hand probe to 3 feet below pit bottom.  
Refusal at 3 feet - BEDROCK.

Remediation Location:

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

General Description Of Remedial Action:

Assesed pit with hand probe.

Ground Water Encountered: No

Final Pit:

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

Closure Sampling:

4-point composite 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 13:15

Sample Result

Benzene (ppm) &lt;0.05

Total BTEX (ppm) &lt;0.05

Field Headspace (ppm)

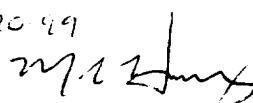
TPH (ppm) &lt;2.0

Ground Water Sample: No

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

DATE 12-20-99

SIGNATURE

 for WSSPRINTED NAME Mark Harvey for Williams Field Services  
AND TITLE

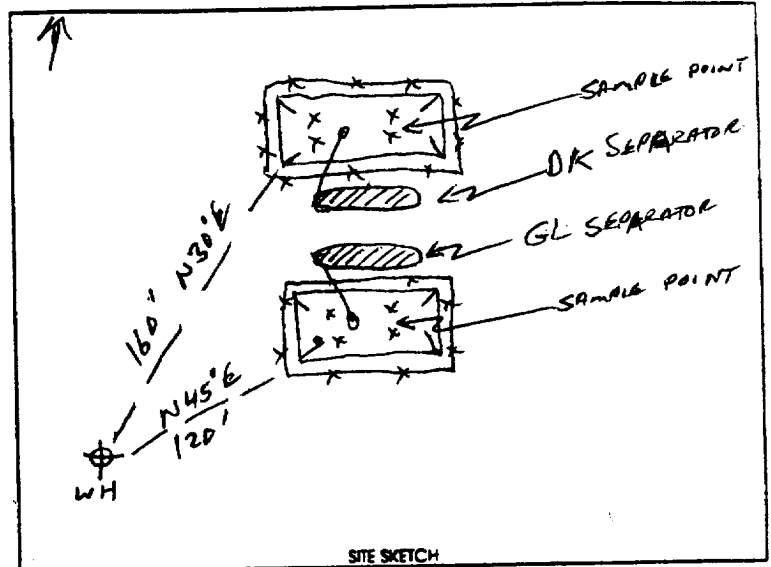
# PIT RETIREMENT FORM

GL 85883-S

Site: 10-4-44  
 Well Name: RUSA 101 SEP DK GL Operator: WPX  
 Well Type: BLM STATE FEE INDIAN  
 Phone Call Made (505-765-1234)? Y N  
 Is Marking Evident? Y N

Weather: CLR. WARM 25°F  
 Sec: 24 T3W R6W UL  
 County: RIO ARIZONA

Location:  
 Reference: Wellhead X Other \_\_\_\_\_  
 Distance from: \_\_\_\_\_  
 Direction: \_\_\_\_\_ Degrees \_\_\_\_\_ E \_\_\_\_\_ N \_\_\_\_\_  
 of \_\_\_\_\_ W \_\_\_\_\_ S \_\_\_\_\_  
 Starting Pit Dimensions: AK 32 32 7  
GL 18 18 5  
 Final Pit Dimensions: N/A x \_\_\_\_\_ x \_\_\_\_\_



Organic Vapor Readings: Start N/A Soil Description: \_\_\_\_\_  
 @ 2' ? BROWN CLAYEY SILT, MOD PLASTIC.  
 @ 4' ? NO SIG ODOUR  
 @ 6' ? ADVANCED SOIL PROBE TO 3' BELOW PIT  
 @ 8' ? BOTTOM, MET REFUSAL - SAMPLED  
 @ ? 2.5' - 3' INTERVAL.  
 @ ?

Proximity To: Residence, Domestic Water Well, Stock Well NONE  
 Arroyo, Wash, Lake, Stream >100'  
 Estimated or Known Distance to Ground Water >100'

Source of Backfill (if other than processed material): ASSESS  
 Samples collected: Type \_\_\_\_\_ Progress: Verification: ID RUSA 101 DK (SEP) - A-HP-01 soil / water  
 Progress: Verification: ID RUSA 101 GL (SEP) - A-HP-01 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 BE REMEDIATE. ONLY GATHERING PITS  
WERE LISTED. CONDUCTED ASSESSMENT OF  
PRODUCTION SEP. PITS WHILE EQUIP. STILL AVAILABLE  
DURING COMPLETION - 2 SEP PITS - EARTHEN.

Soil Shipped to: \_\_\_\_\_  
 Prepared by: JRS

## 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: 9910087-03A

Sample ID: ROSA 101 GL (SEP)-A-HP-01 80802-0

Sample Matrix: SOIL

Sample Date Collected: 10/04/99 13:15:00

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	ND	MG/KG	2.0	10/06/99	DN
BTEX	OA1/8021B			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)		112	125	75		

ND=NONE DETECTED

PQL=PRACTICAL QUANTITATION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:

  
TERRY KOESTER  
LABORATORY DIRECTOR