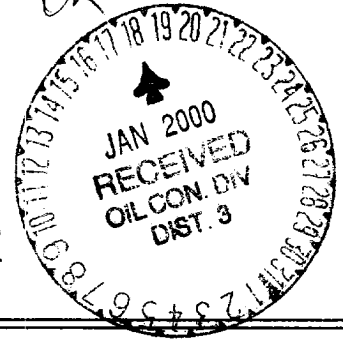


State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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



PIT REMEDIATION AND CLOSURE REPORT

Operator: Hallwood Petroleum Telephone: (801) 584-6361
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900
WellName: Yager #1 (86992)
Location: Unit or Qtr/Qtr Sec E Sec 10 T 31N R 7W County San Juan
PitType Dehydrator
LandType: Fee

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

Reference: Wellhead

Footage from reference: 75 ft.

Direction from reference: 15 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>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: 9/20/99

Date Completed: 9/20/99

Remediation Method: Excavation ☐
(check all appropriate
sections)Landfarmed ☐Other ☐ Assessment.

Approx. Cubic Yard

Insitu Bioremediation

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

General Description Of Remedial Action:

Assessed 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 YAGER #1-A-HP-01

Closure Sampling:

Assessed

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

Sample depth 3 feet

Sample date 9/20/99

Sample time 18:25

Sample Result

Benzene (ppm) 0.08

Total BTEX (ppm) <0.05

Field Headspace (ppm)

TPH (ppm) 77

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

Date: 9-20-99
 Well Name YAGER #1
 and Type: BLM STATE FEE INDIAN
 One Call Made (505-765-1234)? Y N
 Line Marking Evident? Y N

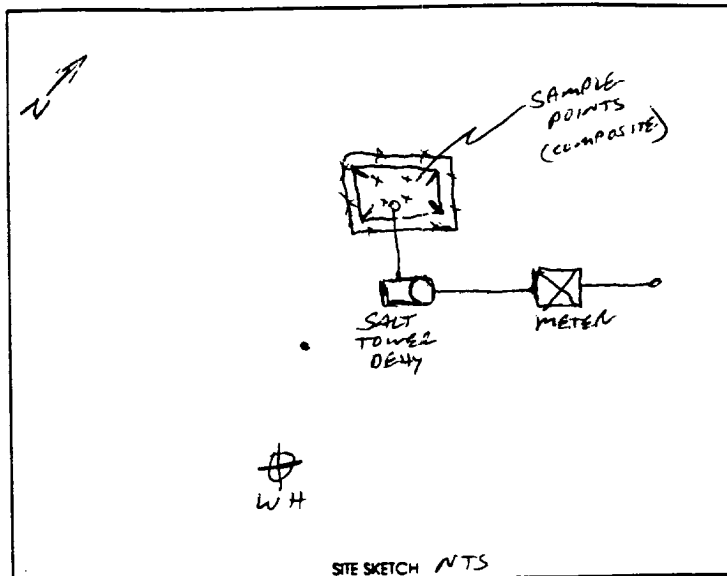
Weather PTLY CLOUDY WARM

Sec 10 T31N R7W UL
 County SAN JUAN

Pit Location:

Reference Wellhead X Other _____
 Distance from: 75'
 Direction: 15 Degrees _____ E N X
 _____ of _____
X W S _____

Starting Pit Dimensions 15 x 15 x 2
 Final Pit Dimensions N/A x _____ x _____



Organic Vapor Readings: Start N/A Soil Description: _____
 @ 2' _____ 0-3' + BRN CLAYEY SILT. TR OF V.
 @ 4' _____ FINE SAND. MOD PLASTIC
 @ 6' _____
 @ 8' _____
 @ _____
 @ _____

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) _____

Samples collected: Type ASSESS Progress: Verification: ID YAGER#1-A-HP-0 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: _____
SALT TOWER DEHYDRATION, EARTHEN PIT,
NO EVIDENCE OF H/C IMPACT TO SOIL.
ASSESS PIT BY ADVANCING HAND PROBE TO
3' bgs + COLLECTING SOIL SAMPLE.

Soil Shipped to: N/A
 Prepared by: JP

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 #: 9909783

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

DATE REPORTED: 09/29/99
 DATE COLLECTED: 09/20/99
 DATE RECEIVED: 09/23/99

PROJECT: WFS/IGN-NM PITS

Reference Fraction: 9909783-17A
 Sample ID: YAGER #1-A-HP-01
 Sample Date Collected: 09/20/99 18:25:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	77	MG/KG	2	09/25/99	BEM
BTEX	OA1/8021B			3.0		
BENZENE		0.081	MG/KG	0.050	09/28/99	KKL
TOLUENE		ND	MG/KG	0.050	09/28/99	KKL
ETHYLBENZENE		ND	MG/KG	0.050	09/28/99	KKL
TOTAL XYLENES		ND	MG/KG	0.050	09/28/99	KKL
BFB (SURROGATE)		82	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:

Terry Koester
 TERRY KOESTER
 LABORATORY DIRECTOR