

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: Burlington Resources (Williams Field Services) Telephone: (801) 584-6361  
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900  
WellName: THOMPSON #5M ( 34815 )  
Location: Unit or Qtr/Qtr <sup>NE SE</sup> Sec 33 T 31N R 12W County San Juan  
PitType Dehydrator <sup>AI</sup>  
LandType: Fee

Pit Location: Pit dimensions: length 30 ft., width 36 ft., depth 8 ft.  
(Attach diagram)

Reference: Wellhead

Footage from reference: 105 ft.

Direction from reference: 76 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>0</u>
irrigation canals and ditches)		

Ranking Score (TOTAL POINTS): 10

Date Remediation Started: 11/15/00

Date Completed: 11/15/00

Remediation Method: Excavation ☒

Approx. Cubic Yard 320

(check all appropriate sections)

Landfarmed ☒Insitu Bioremediation ☐

Other Landfarmed soil after mechanical aeration.

Remediation Location: Onsite ☒ Offsite

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

## General Description Of Remedial Action:

The pit was excavated to remove gross petroleum contamination. Encountered BEDROCK at 3' and 8'. The excavated material was mechanically aerated and placed into an onsite landfarm.

Ground Water Encountered: 0

Final Pit:

Sample location THOMPSON 5M-V-EXFL-01

Closure Sampling:

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

Two samples were collected, one sample from the excavation bottom and the second sample was made up of 4 points from each excavation wall.

Sample depth 8'

Sample date 11/15/00

Sample time 16:10

Sample Result

Benzene (ppm) 0.05

Total BTEX (ppm) 0.35

Field Headspace (ppm)

TPH (ppm) 125

Ground Water Sample: 0

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

DATE 12-20-01

SIGNATURE

PRINTED NAME  
AND TITLEMark Harvey for Williams Field Services  
Proj Coordinator

# PIT ASSESSMENT FORM

AssessDate: 11-15-00

Meter: 34815

Well Name: THOMPSON #5M

Un S33 T31N R 12W

County: SAN JUAN

Operator: BURLINGTON

Pit Type: DEHY Land Type: PRIVATE

## Pit Information:

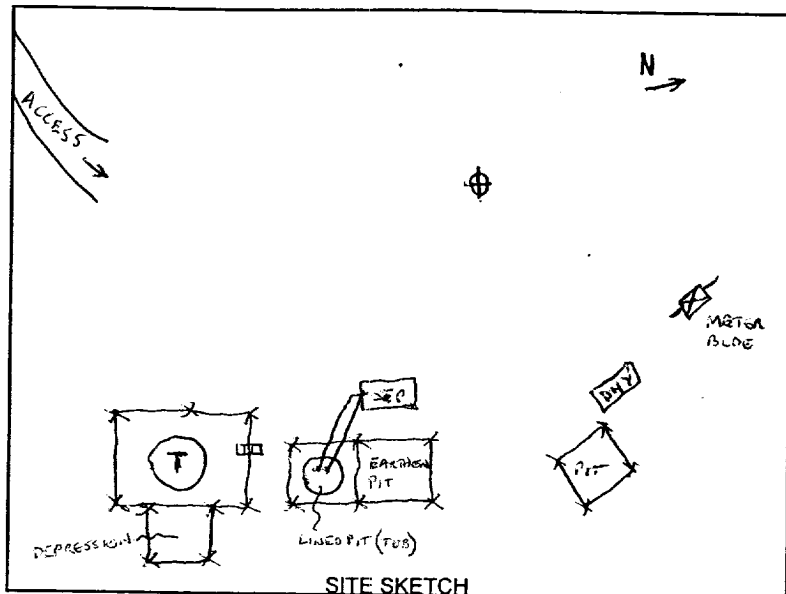
Reference: \_\_\_\_\_

Distance: 105'

Degrees: \_\_\_\_\_ of \_\_\_\_\_

Starting Pit Dimensions: 12 X 12 X 2 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:

SILTY SAND TO SAND - SOME LIQUIDS REMAIN AFTER VAC TRUCK  
PULLS ~ 18" OF WATER / OIL - PULL FENCE + MIX BERM MATERIAL W/  
FREE LIQUIDS - BERMS ARE OIL STAINED - ENCOUNTER HARD FLOOR @  
APPROX 3 1/2' BGS - BEARUCK (SS) @ 3 1/2' - EXCAVATE LATERALLY TO REMOVE  
SIDEWALL STAINING - FLOOR RISES TO 18" BGS 4' OUTSIDE BERM - CUT OUT  
CONTAMINATED SOIL + SHRED - INSTALL LANDFARM - SOUTH END OF PIT DROPS TO  
5' - CHASE CONTAMINATION SOUTHWARD - DEPTH OF PIT ON S. END 8'

SampleLocation:

SIDEWALL SAMPLE: 16 PT COMPOSITE  
FLOOR SAMPLE: 4 PT COMPOSITE

Sample ID: THOMP #5M-V-EXWA-01 THOMP #5M-V-EXFL-01

SampleTime: \_\_\_\_\_

SamplerName: MARK HARVEY

Sample Headspace (ppm): \_\_\_\_\_

Prepared By: M. Harvey

Preparation Date: 11-15-00

Ready For Closure? ☐

11/30/00 15:42 FAX 13162327730

QWAL LAB

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## QWAL LABORATORIES, INC.

2911 ROTARY TERRACE, P.O. BOX 562/PITTSBURG, KS 66762/(316) 232-1970

## LABORATORY REPORT:

REFERENCE #: 0011536

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

DATE REPORTED: 11/30/00  
DATE COLLECTED: 11/15/00  
DATE RECEIVED: 11/21/00

Reference Fraction: 0011536-10A

Sample ID: THOMPSON 5M-V-EXFL-01 34815

Sample Matrix: SOIL

Sample Date Collected: 11/15/00 16:10:00

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED BY
TPH-DRO	SW846-8015D	125	MG/KG	2.0	11/23/00 BEM
BTEX	OA1/8021B			3.0	
BENZENE		ND	MG/KG	0.050	11/28/00 MB
TOLUENE		ND	MG/KG	0.050	11/28/00 MB
ETHYLBENZENE		ND	MG/KG	0.050	11/28/00 MB
TOTAL XYLENES		0.201	MG/KG	0.050	11/28/00 MB
BFB (SURROGATE)		84	125	75	

ND=NONE DETECTED

PQL=PRACTICAL QUANTITATION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:

TERRY KOESTER  
LABORATORY DIRECTOR

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

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MARK HARVEY  
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Sample ID: THOMPSON 5M-V-EXWA-01 34815  
Sample Date Collected: 11/15/00 16:15:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED BY
TPH-DRO	SW846-8015D	806	MG/KG	2.0	11/23/00 BEM
BTEX	OA1/8021B			3.0	
BENZENE		0.133	MG/KG	0.050	11/28/00 MB
TOLUENE		0.400	MG/KG	0.050	11/28/00 MB
ETHYLBENZENE		0.193	MG/KG	0.050	11/28/00 MB
TOTAL XYLENES		4.42	MG/KG	0.050	11/28/00 MB
BFB (SURROGATE)		113	125	75	

ND=NONE DETECTED  
PQL=PRACTICAL QUANTITATION LIMIT  
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B=DETECTED IN METHOD BLANK

APPROVED BY:

TERRY KOESTER  
LABORATORY DIRECTOR

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 #: 0105284

SENT WILLIAMS GAS PIPELINE  
TO: 187 COUNTY ROAD # 4980  
BLOOMFIELD, NM 87413  
MARK HARVEY

DATE REPORTED: 05/29/01  
DATE COLLECTED: 05/03/01  
DATE RECEIVED: 05/10/01

PROJECT: THOMPSON-KTZ

Reference Fraction: 0105284-01A

Sample ID: THOMPS SM-V-LF-04

Sample Matrix: SOIL

Sample Date Collected: 05/03/01 17:45:00 OVM: 0

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	1600	MG/KG	20	05/16/01	BEM

ND=NONE DETECTED

PQL=PRACTICAL QUANTITATION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:

TERRY KOESTER  
LABORATORY DIRECTOR