

*Denny E. Faust*  
DEPUTY OIL & GAS INSPECTOR

AUG 19 1999

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

NO BTEX-LF

RECEIVED  
MAY 27 1999  
OIL CON. DIV.  
DIST. 3

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: SJ 30-6 UNIT #55 ( 72171 )  
Location: Unit or Qtr/Qtr Sec G Sec 29 T 30N R 6W County Rio Arriba  
PitType Dehydrator  
LandType: BLM

Pit Location: Pit dimensions: length 12 ft., width 12 ft., depth 10 ft.

(Attach diagram)

Reference: Wellhead

Footage from reference: 100 ft.

Direction from reference: 0 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)
high water elevation of		<u>0</u>
ground water)		

Wellhead Protection Area:	Yes	(20 points)
(Less than 200 feet from a private	No	(0 points)
domestic water source, or; less than		<u>0</u>
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)
irrigation canals and ditches)		<u>0</u>

Ranking Score (TOTAL POINTS): 0

Date Remediation Started: 9/24/98

Date Completed: 9/24/98

Remediation Method: Excavation ☒

Approx. Cubic Yard 55

(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. The excavated material was mechanically aerated and placed into an onsite landfarm.

Ground Water Encountered: No

Final Pit:

Closure Sampling:

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

Sample location 30-6 #55-V-EXFL-01

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 10 feet

Sample date 9/24/98

Sample time 11:10

Sample Result

Benzene (ppm) &lt;0.050

Total BTEX (ppm) &lt;0.050

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 5-20-99

SIGNATURE



PRINTED NAME Mark Harvey for Williams Field Services  
AND TITLE

# PIT RETIREMENT FORM

7271

Date: 9/24/98

Weather: \_\_\_\_\_

Well Name: SJ 30-6 #55 Operator: BURLINGTON

Sec: 29 T: 30N R: 6W UL: G

Land Type: BLM STATE FEE INDIAN

County: RIO ARriba

One Call Made (505-765-1234)? Y N

Line Marking Evident? Y N

## Pit Location:

Reference Wellhead X Other \_\_\_\_\_

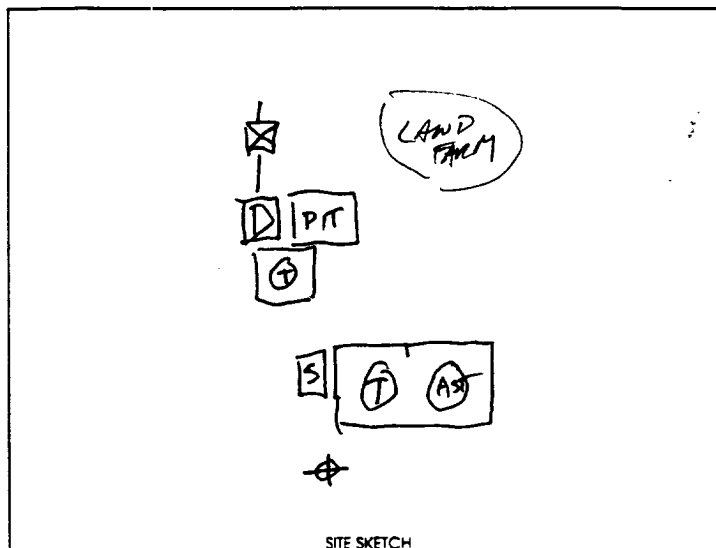
Distance from: 100

Direction: 0 Degrees X E N X

of  
W S

Starting Pit Dimensions 12 x 12 x 2

Final Pit Dimensions 12 x 12 x 10



SITE SKETCH

Organic Vapor Readings: Start \_\_\_\_\_ Soil Description: SILTY SAND  
 @ 2' SILTY SAND  
 @ 4' SILTY SAND W ROCK  
 @ 6' 11  
 @ 8' 11  
 @ 10 BED ROCK @ 10 Feet  
 @ \_\_\_\_\_

Well Proximity To: Residence, Domestic Water Well, Stock Well NA

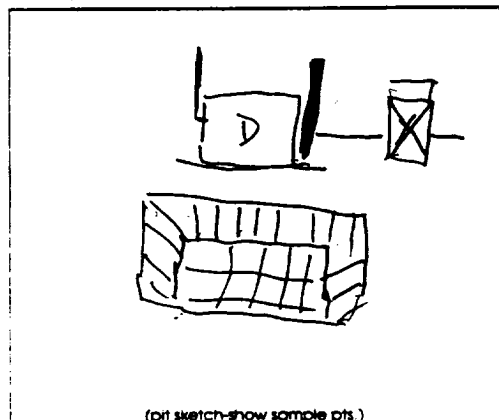
Arroyo, Wash, Lake, Stream NA

Estimated or Known Distance to Ground Water >100 feet

Source of Backfill (if other than processed material) \_\_\_\_\_

Samples collected: Type Progress: Verification: ID 30-6-55-V-EXWA01 soil / water  
 Progress: Verification: ID 30-6-55-V-EXFL01 soil / water  
 Progress: Verification: ID \_\_\_\_\_ soil / water

Sample sent to Lab Via: Courier Hand Carried Other \_\_\_\_\_ Preservative: ICE Other \_\_\_\_\_



(pit sketch-show sample pts.)

Comments: - EXCAVATED SOILS TO 10 FEET -  
SOME CONTAMINATION ~ ROCK WAS ENCOUNTERED  
@ 10 FEET - EXCAVATED MATERIAL WAS PLACED  
IN LAND FARM

Soil Shipped to: \_\_\_\_\_

Prepared by: ASH

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 #: 9809965

SENT WILLIAMS FIELD SERVICE-MS4JI  
TO: P.O. BOX 58900  
SALT LAKE CITY, UTAH 84108  
MARK HARVEY

DATE REPORTED: 10/06/98  
DATE COLLECTED: 09/24/98  
DATE RECEIVED: 09/30/98

PROJECT: PIT REMEDIATION 98

Reference Fraction: 9809965-22A

Sample ID: 30-6 #55-V-EXFL-01/72171

Sample Matrix: SOIL

Sample Date Collected: 09/24/98 11:00:00

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	ND	MG/KG	2.0	10/03/98	SKW
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	10/03/98	JLO
TOLUENE		ND	MG/KG	0.050	10/03/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	10/03/98	JLO
TOTAL XYLENES		ND	MG/KG	0.050	10/03/98	JLO
BFB (SURROGATE)		115	125	75		

ND=NONE DETECTED

DL=DETECTION 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.**

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**LABORATORY REPORT:**

**REFERENCE #:** 9809965

SENT **WILLIAMS FIELD SERVICE-MS4JI**  
 TO: **P.O. BOX 58900**  
**SALT LAKE CITY, UTAH 84108**  
**MARK HARVEY**  
 PROJECT: PIT REMEDIATION 98

DATE REPORTED: 10/06/98  
 DATE COLLECTED: 09/23/98  
 DATE RECEIVED: 09/30/98

Reference Fraction: 9809965-20A  
 Sample ID: 30-6 #55-V-EXWA-01/72171  
 Sample Date Collected: 09/23/98 11:00:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	ND	MG/KG	2.0	10/03/98	SKW
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	10/03/98	JLO
TOLUENE		ND	MG/KG	0.050	10/03/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	10/03/98	JLO
TOTAL XYLENES		ND	MG/KG	0.050	10/03/98	JLO
BFB (SURROGATE)		104	125	75		

ND=NONE DETECTED  
 DL=DETECTION LIMIT  
 SU=STANDARD UNITS  
 B=DETECTED IN METHOD BLANK

APPROVED BY:

  
 TERRY KOESTER  
 LABORATORY DIRECTOR



## ORGANIC ANALYSIS REPORT

Client: Williams Field Services  
Date Sampled: December 04, 1998  
Date Received: December 09, 1998

Contact: Mark Harvey  
Date Extracted: December 11, 1998  
Date Analyzed: December 11, 1998

AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

Analysis Requested:  
Total Petroleum Hydrocarbons

Method Ref. Number:  
SW-846 #8015 modified  
(Extraction - GC/FID)

Field Sample ID:

JIC/CRZ DISTRICTS  
SJ 30-6 #55-V-LP-01

Lab Sample ID:

L35572-1

### Analytical Results

TPH-E

463 West 3600 South  
Salt Lake City, Utah  
84115

Units = mg/kg (ppm)

Compound:

Total Petroleum Hydrocarbons

Reporting  
Limit:

20.

Amount  
Detected:

<20.

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687

% Moisture

15.%

\* All compounds are reported on a dry weight basis.

Released By:                     

Laboratory Supervisor

Report Date: December 14, 1998

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