

OK

OIL CONSERVATION DIVISION

P.O. Box 2038
Santa Fe, New Mexico 87504-2088

RECEIVED
MAY 27 1999

AUG 19 1999

PIT REMEDIATION AND CLOSURE REPORT

OIL CON. DIV.
DIST. 3

Approved

Operator: Burlington Resources (Williams Field Services) Telephone: (801) 584-6361
 Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900
 WellName: ALLISON UNIT #9 (70955)
 Location: Unit or Qtr/Qtr Sec G Sec 13 T 32N R 7W County San Juan
 PitType Dehydrator
 LandType: Fee

Pit Location: Pit dimensions: length 15 ft., width 15 ft., depth 12 ft.
 (Attach diagram)
 Reference: Wellhead
 Footage from reference: 80 ft.
 Direction from reference: 350 Degrees East of North

Depth To Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points) <u>0</u>
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)	Yes (20 points) No (0 points) <u>0</u>
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet (20 points) 200 feet to 1,000 feet (10 points) Greater than 1,000 feet (0 points) <u>20</u>
Ranking Score (TOTAL POINTS): <u>20</u>	

Date Remediation Started: 9/29/98

Date Completed: 9/29/98

Remediation Method: Excavation
(check all appropriate sections)

Approx. Cubic Yard 100

Landfarmed

Insitu Bioremediation

Other

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 placed into an onsite landfarm.

Ground Water Encountered: No

Final Pit:

Sample location ALLISON#9-V-EXFL-01

Closure Sampling:

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

Sample depth

Sample date 9/29/98

Sample time 11:30

Sample Result

Benzene (ppm) <0.050

Total BTEX (ppm) <0.050

Field Headspace (ppm)

TPH (ppm) 10.2

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

70955

Date: 9/29/98

Weather _____

Well Name ALLISON #9 Operator BURLINGTON

Sec 13 T32N R 7W UL G

Land Type: BLM STATE (FEE) INDIAN

County SAN JUAN

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

Line Marking Evident? (Y) N

Pit Location:

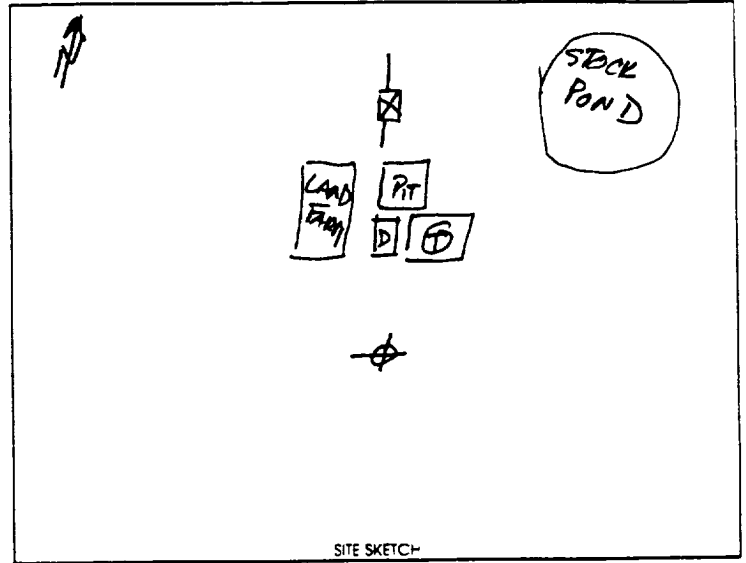
Reference Wellhead X Other _____

Distance from: 80

Direction: 350 Degrees X E N X
of
W S

Starting Pit Dimensions 15 x 5 x 12

Final Pit Dimensions 15 x 15 x 12



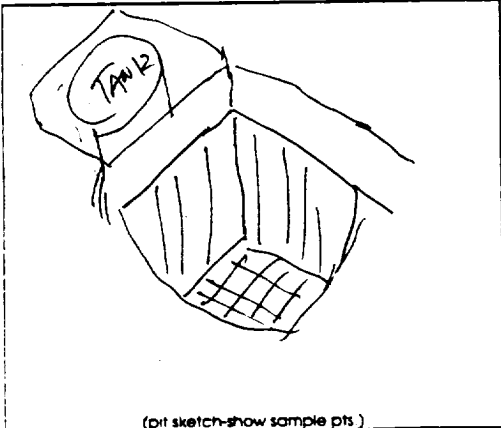
Organic Vapor Readings: Start _____	Soil Description: <u>SILTY CLAY</u>
@ 2' _____	_____ "
@ 4' _____	_____ "
@ 6' _____	_____ "
@ 8' _____	_____ "
@ 10' _____	_____ "
@ 12' _____	_____ "

Well Proximity To: Residence, Domestic Water Well, Stock Well STOCK TANK ≈ 110 FEET EAST
Arroyo, Wash, Lake, Stream WASH MINOR 150 FEET EAST
Estimated or Known Distance to Ground Water > 100

Source of Backfill (if other than processed material) _____

Samples collected: Type	Progress: Verification: ID <u>ALLISON #9 - V - EXWA-01</u> <u>(SOIL)</u> / water
	Progress: Verification: ID <u>ALLISON #9 - V - EXFL-01</u> <u>(SOIL)</u> / water
	Progress: Verification: ID _____ soil / water

Sample sent to Lab Via: (Courier) Hand Carried Other _____ Preservative: (ICE) Other _____



Comments: EXCAVATED SOIL - FLOOR CLEANED-UP
@ 12 FEET - SOIL WAS PLACED INTO ONE OF
LANDFARM - LAND FARM WAS FENCED -

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 #: 9810157

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

DATE REPORTED: 10/12/98
 DATE COLLECTED: 09/29/98
 DATE RECEIVED: 10/06/98

PROJECT: JICARILLA DISTRICT

Reference Fraction: 9810157-01A
 Sample ID: ALLISON#9-V-EXWA-01 (IGF)
 Sample Date Collected: 09/29/98 11:30:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED BY
TPH	SW846-8015	23.9	MG/KG	2.0	10/08/98 SKW
BTEX	SW846 8021			3.0	
BENZENE		ND	MG/KG	0.050	10/09/98 JLO
TOLUENE		ND	MG/KG	0.050	10/09/98 JLO
ETHYLBENZENE		ND	MG/KG	0.050	10/09/98 JLO
TOTAL XYLENES		ND	MG/KG	0.050	10/09/98 JLO
BFB (SURROGATE)		80	125	75	

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

APPROVED BY:


 TERRY KOESTER
 LABORATORY DIRECTOR

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

LABORATORY REPORT:

REFERENCE #: 9810157

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

DATE REPORTED: 10/12/98
 DATE COLLECTED: 09/29/98
 DATE RECEIVED: 10/06/98

Reference Fraction: 9810157-02A
 Sample ID: ALLISON#9-V-EXFL-01 (IGF)
 Sample Date Collected: 09/29/98 11:30:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	10.2	MG/KG	2.0	10/08/98	SKW
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	10/09/98	JLO
TOLUENE		ND	MG/KG	0.050	10/09/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	10/09/98	JLO
TOTAL XYLENES		ND	MG/KG	0.050	10/09/98	JLO
BFB (SURROGATE)		90	125	75		

ND=NONE DETECTED
 DL=DETECTION LIMIT
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APPROVED BY:


 TERRY KOESTER
 LABORATORY DIRECTOR

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

LABORATORY REPORT:

REFERENCE #: 9811260

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

DATE REPORTED: 11/18/98
 DATE COLLECTED: 11/06/98
 DATE RECEIVED: 11/10/98

PROJECT: JICARILLA DISTRICT 98

Reference Fraction: 9811260-01A

Sample ID: ALLISON#9-V-LF-01

Sample Matrix: SOIL

Sample Date Collected: 11/06/98 10:00:00

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	88.4	MG/KG	2.0	11/13/98	SKW
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	11/12/98	JLO
TOLUENE		ND	MG/KG	0.050	11/12/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	11/12/98	JLO
TOTAL XYLENES		ND	MG/KG	0.050	11/12/98	JLO
BFB (SURROGATE)		99	125	75		

ND=NONE DETECTED

DL=DETECTION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY: 

TERRY KOESTER
 LABORATORY DIRECTOR