

Denny E. Foust
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

OK

RECEIVED
MAY 27 1999

OIL CON. DIV.
DIST. 3

PIT REMEDIATION AND CLOSURE REPORT

Operator: Taurus (Williams Field Services)

Telephone: (801) 584-6361

Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900

WellName: SJ 32-5 UNIT #15A

(85080)

Location: Unit or Qtr/Qtr Sec *A* Sec 27 T 32N R 6W County Rio Arriba

PitType Dehydrator

LandType: BLM

Pit Location: Pit dimensions: length 18 ft., width 17 ft., depth 8 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 53 ft.

Direction from reference: 200 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>20</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>10</u>

Ranking Score (TOTAL POINTS): 30

Date Remediation Started: 9/25/98

Date Completed: 9/25/98

Remediation Method: Excavation ☒

Approx. Cubic Yard 90

(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:

Sample location 32-5 #15A-V-FL-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 feet

Sample date 9/25/98

Sample time 11:45

Sample Result

Benzene (ppm) <0.050

Total BTEX (ppm) <0.050

Field Headspace (ppm)

TPH (ppm) <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
AND TITLE

Mark Harvey for Williams Field Services

PIT RETIREMENT FORM

85080

Date: 9-25-98

Weather

Well Name SJ 32-5 #15A Operator TAURUS

Sec 27 T 32N R 6W UL A

Land Type: BLM STATE FEE INDIAN

County RIO ARriba

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

Line Marking Evident? (Y) N

Pit Location:

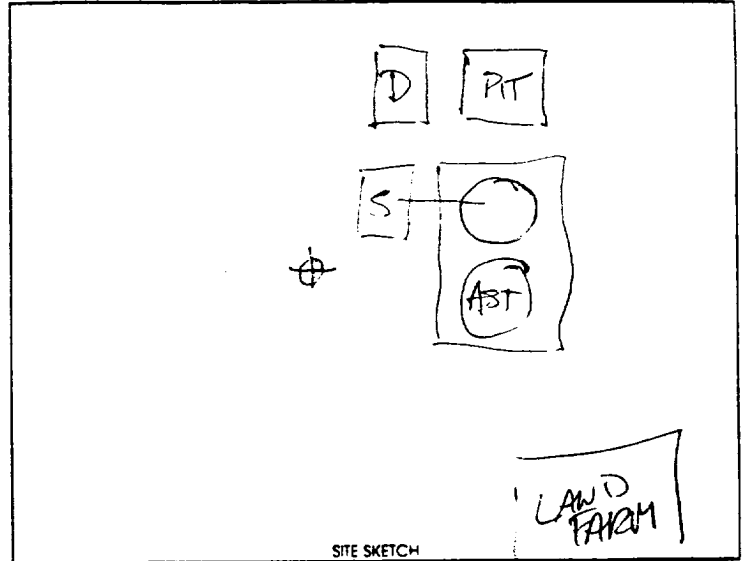
Reference Wellhead X Other

Distance from: 105

Direction: 32 Degrees X E N X of W S

Starting Pit Dimensions 18 x 17 x 2

Final Pit Dimensions 18 x 17 x 8



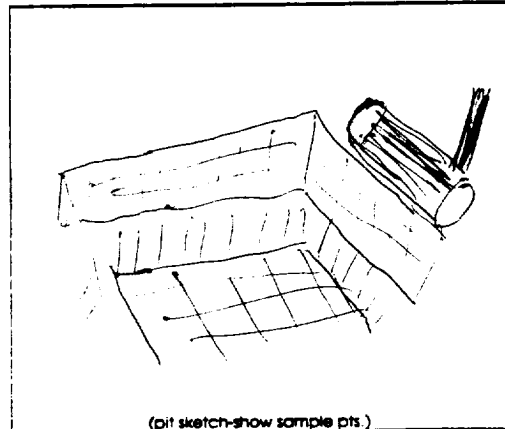
Organic Vapor Readings:	Start <u> </u>	Soil Description: <u>SILTY CLAY</u>
	@ 2' <u> </u>	<u>11</u>
	@ 4' <u> </u>	<u>11</u>
	@ 6' <u> </u>	<u>11</u>
	@ 8' <u> </u>	<u>11</u>
	@ <u> </u>	<u> </u>
	@ <u> </u>	<u> </u>

Well Proximity To: Residence, Domestic Water Well, Stock Well NONE
 Arroyo, Wash, Lake, Stream ~200 WEST TO LAKE
 Estimated or Known Distance to Ground Water >25 feet

Source of Backfill (if other than processed material)

Samples collected:	Type	Progress:	Verification:	ID	<u>SJ 32-5 #15A-U-EXFL-01</u>	<u>soil</u> / water
		Progress:	Verification:	ID	<u>SJ 32-5 #15A-U-EXFL-02</u>	<u>soil</u> / water
		Progress:	Verification:	ID	<u> </u>	<u>soil</u> / water

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



Comments: EXCAVATED PIT UNDER TANK
EXCAVATED TO CLEAN AND BACKFILLED
WITH CLEAN BACKFILL MATERIAL

NO SHRED - LANDFARMED MATERIAL ON-SITE

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: 09/25/98
DATE RECEIVED: 09/30/98

PROJECT: PIT REMEDIATION 98

Reference Fraction: 9809965-42A

Sample ID: 32-5 #15A-V-FL-01 / 85080

Sample Matrix: SOIL

Sample Date Collected: 09/25/98 11:45:00

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	10/05/98	JLO
TOLUENE		ND	MG/KG	0.050	10/05/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	10/05/98	JLO
TOTAL XYLENES		ND	MG/KG	0.050	10/05/98	JLO
BFB (SURROGATE)		79	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.

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
PROJECT: PIT REMEDIATION 98

DATE REPORTED: 10/06/98
DATE COLLECTED: 09/25/98
DATE RECEIVED: 09/30/98

Reference Fraction: 9809965-43A
Sample ID: 32-5 #15A-V-WA-01 / 85080
Sample Date Collected: 09/25/98 11:45:00

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	10/05/98	JLO
TOLUENE		ND	MG/KG	0.050	10/05/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	10/05/98	JLO
TOTAL XYLENES		ND	MG/KG	0.050	10/05/98	JLO
BFB (SURROGATE)		93	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 .

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

LABORATORY REPORT:

REFERENCE #: 9810349

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

DATE REPORTED: 10/15/98
DATE COLLECTED: 10/07/98
DATE RECEIVED: 10/10/98

Reference Fraction:9810349-06A
Sample ID: 32-5 #15A-V-LF-01
Sample Date Collected: 10/07/9814:00:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYSED	BY
TPH	SW846-8015	ND	MG/KG	2.0	10/15/98	SKW
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	10/13/98	JLO
TOLUENE		ND	MG/KG	0.050	10/13/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	10/13/98	JLO
TOTAL XYLENES		ND	MG/KG	0.050	10/13/98	JLO
BFB (SURROGATE)		96	125	75		

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DL=DETECTION LIMIT
SU=STANDARD UNITS
B=DETECTED IN METHOD BLANK

APPROVED BY:


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LABORATORY DIRECTOR