

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
DEC - 6 1999

PIT REMEDIATION AND CLOSURE REPORT

OIL CON. DIV.
DIST. 3

Operator: Burlington Resources (Williams Field Services) Telephone: (801) 584-6361
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900
WellName: SJ 29-4 UNIT #22 (85598)
Location: Unit or Qtr/Qtr Sec N Sec 9 T 29N R 4W County San Juan
PitType Dehydrator
LandType: Forest

Pit Location: Pit dimensions: length 15 ft., width 15 ft., depth 5 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 82 ft.

Direction from reference: 40 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 high water elevation of ground water) Greater than 100 feet (0 points) 0

Wellhead Protection Area: Yes (20 points)
(Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources) No (0 points) 0

Distance To Surface Water: Less than 200 feet (20 points)
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches) 200 feet to 1,000 feet (10 points)
Greater than 1,000 feet (0 points) 0

Ranking Score (TOTAL POINTS): 0

Date Remediation Started: 10/2/98

Date Completed: 10/2/98

Remediation Method: Excavation ☒

Approx. Cubic Yard 40

(check all appropriate
sections)Landfarmed ☒

Insitu Bioremediation

Other LF Headspace 0

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 site was determined to be clean based on field screening and was closed by assessment.

Ground Water Encountered: No

Final Pit:

Sample location SJ 29-4#22-V-EXFL-01

Closure Sampling:

ASSESSMENT

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

Sample depth 5 feet

Sample date 10/2/98

Sample time 12:30

Sample Result

Benzene (ppm) <0.050

Total BTEX (ppm) <0.050

Field Headspace (ppm) 0

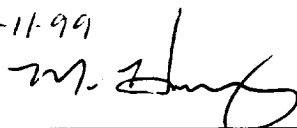
TPH (ppm) 241

Ground Water Sample: No

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

DATE 10-11-99

SIGNATURE



PRINTED NAME Mark Harvey for Williams Field Services
AND TITLE PROJECT COORDINATOR

PIT RETIREMENT FORM

85598

Date: 10/2/98

Weather MOSTLY SUNNY - ~55°

Well Name SJ 29-4 #22 Operator BURINGTON

Sec 9 T 29N R 4W UL M

Land Type: BLM STATE FEE INDIAN FOREST

County SAN JUAN

One Call Made (505-765-1234)?

☒ N

Line Marking Evident?

☒ N

Pit Location:

Reference Wellhead X Other _____

Distance from: 82

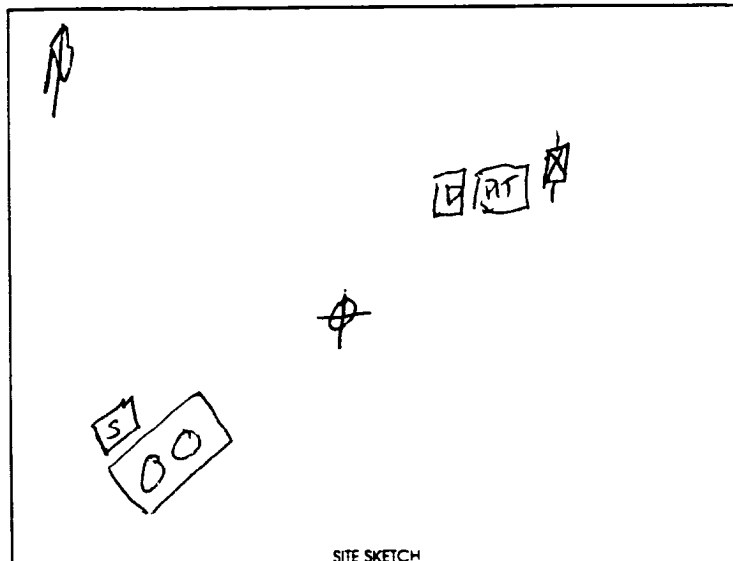
Direction: 40 Degrees X E N X

of

W S

Starting Pit Dimensions 15 x 15 x 1

Final Pit Dimensions 15 x 15 x 5



SITE SKETCH

Organic Vapor Readings:

Start _____
@ 2' _____
@ 4' _____
@ 6' _____
@ 8' _____
@ _____
@ _____

Soil Description:

SILTY SAND

SILTY SAND

SILTY SAND

Well Proximity To: Residence, Domestic Water Well, Stock Well NONE

Arroyo, Wash, Lake, Stream NONE

Estimated or Known Distance to Ground Water >100

Source of Backfill (if other than processed material) _____

Samples collected:

Type

Progress: Verification:

ID SJ 29-4 #22 - U - EX-01 soil / water

Progress: Verification:

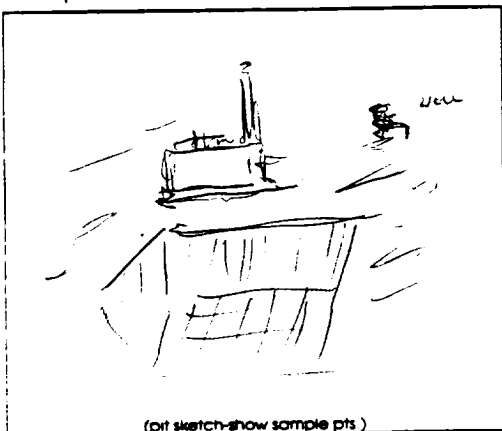
ID SJ 29-4 #22 - W - EX-01 soil / water

Progress: Verification:

ID _____ soil / water

Sample sent to Lab Via: Courier

Hand Carried Other _____ Preservative: ICE Other _____



(pit sketch-show sample pts.)

Comments: REMOVED TANK - EXCAVATED PIT -
SOIL WAS CLEAN - STOPPED @ 5-Feet -
CAND FARMED EXCAVATED MATERIAL ON
LOCATION - TEMPORARILY - TEST HEADSPACE - 0.0 ppm -
RETURN TO EXCAVATION AS CLEAN - BASED ON FIELD TEST &
CONCERN DUE TO PROXIMITY TO HWY 64 - CLOSE AS ASSESSMENT

Soil Shipped to: _____

Prepared by: AZH

QWAL LABORATORIES, INC.

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: 10/02/98
DATE RECEIVED: 10/06/98

Reference Fraction: 9810157-03A

Sample ID: SJ 29-4#22-V-EXPL-01 (CRZ)

Sample Matrix: SOIL

Sample Date Collected: 10/02/98 12:30:00

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	241	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)		82	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 #: 9810157

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TO: P.O. BOX 58900
SALT LAKE CITY, UTAH 84108
MARK HARVEY
PROJECT: JICARILLA DISTRICT

DATE REPORTED: 10/12/98
DATE COLLECTED: 10/02/98
DATE RECEIVED: 10/06/98

Reference Fraction: 9810157-04A

Sample ID: SJ 29-4#22-V-KKWA-01 (CRZ)

Sample Matrix: SOIL

Sample Date Collected: 10/02/98 12:30:00

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	4.49	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)		86	125	75		

ND=NONE DETECTED

DL=DETECTION LIMIT

SU-STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:


TERRY ROESTER
LABORATORY DIRECTOR