

Denny E. Fournier
DEPUTY OIL & GAS INSPECTOR

JUN 23 1998

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Approved
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 27-5 UNIT #36 COMG #2 (72337-2)
Location: Unit or Qtr/Qtr Sec B Sec 36 T 27N R 5W County Rio Arriba
PitType Dehydrator
LandType: STATE

Pit Location: Pit dimensions: length 21 ft., width 18 ft., depth 5 ft.

(Attach diagram)

Reference: Wellhead

Footage from reference: 100 ft.

Direction from reference: 80 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) 0

Wellhead Protection Area:

(Less than 200 feet from a private
domestic water source, or; less than
1000 feet from all other water sources)

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DIST. 3

Yes (20 points)
No (0 points) 0

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) 0

Ranking Score (TOTAL POINTS): 0

Form A

Date Remediation Started: 6/3/97

Date Completed: 6/3/97

Remediation Method: Excavation ☒
(check all appropriate sections)

Approx. Cubic Yard 70

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 SJ 27-5 #36 COMG #2-V-EX-WX-01

Closure Sampling:

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

mt Encountered bedrock on floor. No floor sample collected.
One sample was made up of 4 points from each excavation wall.

Sample depth 5 feet

Sample date 6/3/97

Sample time 15:42

Sample Result

Benzene (ppm) <0.10

Total BTEX (ppm) 0.53

Field Headspace (ppm)

TPH (ppm) 360

Ground Water Sample: No

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

DATE 3/6/98

SIGNATURE

PRINTED NAME Mark Harvey for Williams Field Services
AND TITLE

PIT RETIREMENT FORM

STATE

Date: 6-3-97

72337-2

Weather JUNNY 80's

Well Name SJ 27-5 #36 COMG #2 Operator BURLINGTON RESOURCES Sec 36 T 27 R 5 UL

Land Type: BLM STATE FEE INDIAN

County RIO ARriba

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

Line Marking Evident? Y N

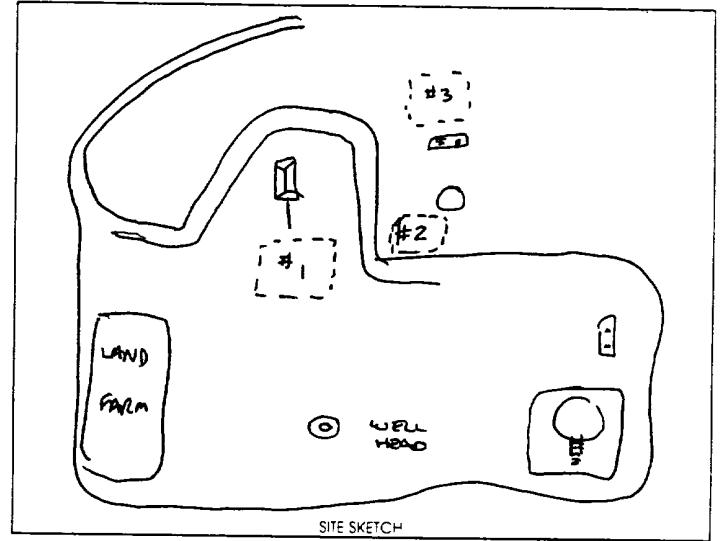
Pit Location:

Reference Wellhead x Other

Distance from: 95'

Direction: 110 Degrees x E N x

of
W S



Starting Pit Dimensions 10 x 10 x 1

Final Pit Dimensions 15 x 15 x 3

Organic Vapor Readings: Start @ 2' @ 4' @ 6' @ 8' @ @

Soil Description: ROCKY SAND
" "
" "
" "

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

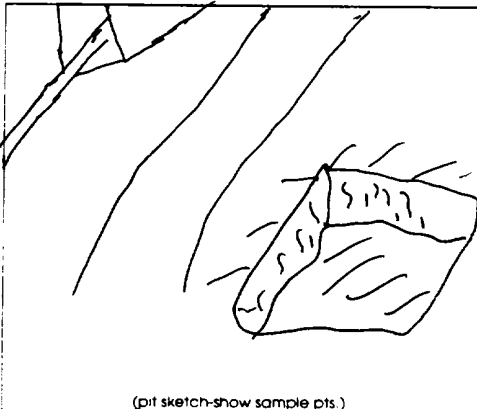
Arroyo, Wash, Lake, Stream NONE

Estimated or Known Distance to Ground Water 100'

Source of Backfill (if other than processed material)

Samples collected: Type Progress: Verification ID SJ 27-5 #36 COMG #2-V. EXWA.01 (soil) water
Progress: Verification: ID soil / water
Progress: Verification: ID soil / water

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



Comments: SITE LOCATED ON HONOLULU MESA - PIT IS ONE OF THREE ATTACHED TO SJ 27-5 #36 - SOIL ROCKY MIXTURE OF CLAY AND SAND - NO STAINING OR ODOR PRESENT
ROCK FLOOR AT 3 FEET

Soil Shipped to: ON SITE LANDFARM

Prepared by: [Signature]



AMERICAN
WEST
ANALYTICAL
LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Fax (801) 263-8687

ORGANIC ANALYSIS REPORT

Client: Williams Field Services
Date Sampled: June 03, 1997
Date Received: June 09, 1997

Analysis Requested:
Volatile Aromatics
Total Petroleum Hydrocarbons

Field Sample ID:
JICARILLA PIT REMEDIATION
SJ 27-5 #36 COMP #2-V-EXWA-01 @ 15:42/72337

Contact: Mark Harvey
Date Extracted: June 10, 1997
Date Analyzed: June 11, 1997

Method Ref. Number:
SW-846 #8020/8015 modified
(Extraction-Sequential GC/PID-FID)

Lab Sample ID:
L29538-10

Analytical Results

Units = mg/kg(ppm)

BTX/TPH-E

<u>Compound:</u>	<u>Reporting Limit:</u>	<u>Amount Detected:</u>
Benzene	0.10	< 0.10
Toluene	0.10	< 0.10
Ethylbenzene	0.10	0.15
Total Xylene	0.10	0.38
Total Petroleum Hydrocarbons	2.0	360.

% Moisture	6.0%
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* All compounds are reported on a dry weight basis.

Released By:

Diane Baker
Laboratory Supervisor

Report Date: June 13, 1997

1 of 1

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AMERICAN
WEST
ANALYTICAL
LABORATORIES

ORGANIC ANALYSIS REPORT

Client: Williams Field Services
Date Sampled: July 17, 1997
Date Received: July 21, 1997

Contact: Mark Harvey
Date Extracted: July 22, 1997
Date Analyzed: July 22, 1997

Analysis Requested:
Total Petroleum Hydrocarbons

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

Field Sample ID:
SJ 27-5 #36 COMG #2-V-LF-01/72337 22PPM/14:10
JICARILLA PIT REMEDIATION

Lab Sample ID:
L30031-5

463 West 3600 South
Salt Lake City, Utah
84115

Analytical Results

TPH-E

Units = mg/kg(ppm)

Compound:

Reporting
Limit:

Amount
Detected:

Total Petroleum Hydrocarbons

2.0

4.2

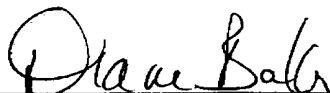
(801) 263-8686
Fax (801) 263-8687

% Moisture

5.0%

* All compounds are reported on a dry weight basis.

Released By:


Laboratory Supervisor

Report Date: July 28, 1997

1 of 1

LAND FARM

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