

Denny & Foust
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

PIT REMEDIATION AND CLOSURE REPORT

Approved

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 #1 (72337)
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 18 ft., width 15 ft., depth 4 ft.
(Attach diagram)
Reference: Wellhead
Footage from reference: 195 ft.
Direction from reference: 90 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>0</u>
Ranking Score (TOTAL POINTS): <u>0</u>	

RECEIVED
MAR 30 1998
OIL CON. DIV.
DIST. 3

Date Remediation Started: 6/3/97

Date Completed: 6/3/97

Remediation Method: Excavation
(check all appropriate sections)

Approx. Cubic Yard 40

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 #1-V-EXWA-01

Closure Sampling:

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

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

Sample depth 4 feet

Sample date 6/3/97

Sample time 15:35

Sample Result

Benzene (ppm) <0.10

Total BTEX (ppm) <0.40

Field Headspace (ppm)

TPH (ppm) <2.0

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 *Mark Harvey*

PRINTED NAME Mark Harvey for Williams Field Services AND TITLE

PIT RETIREMENT FORM

FOREST

Date: 6.3.97

72337 C1

Weather SUNNY 80's

Well Name SJ 27-5 #36 COMG #1 Operator BURLINGTON RESOURCES Sec 36 T 27 R 5 UL

Land Type: BLM STATE FEE INDIAN FOREST 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'

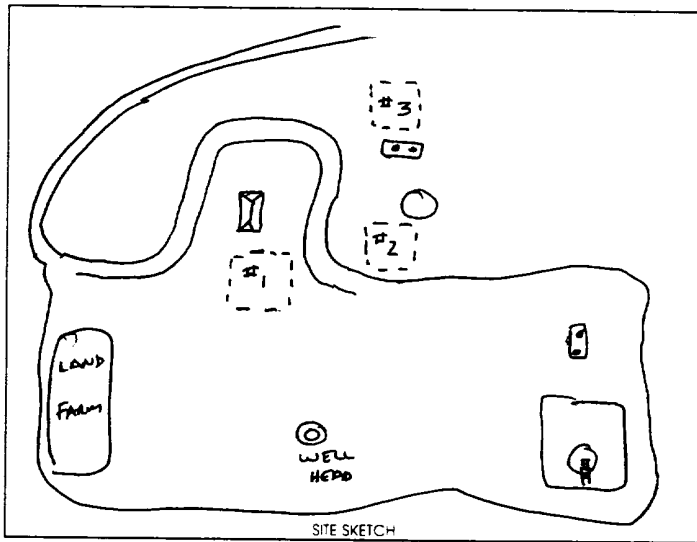
Direction: 80 Degrees x E N x

of

W S

Starting Pit Dimensions 12 x 12 x 1

Final Pit Dimensions 18 x 21 x 5



SITE SKETCH

Organic Vapor Readings:

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

Soil Description: ROCKY SAND

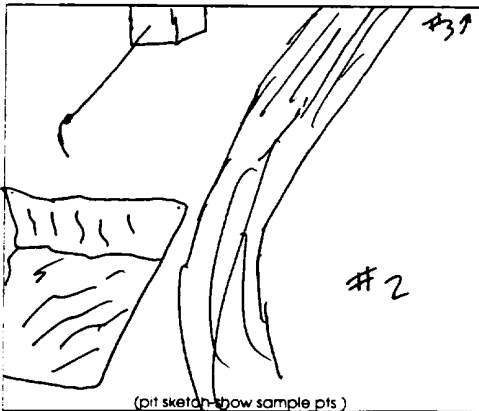
Well Proximity To: Residence, Domestic Water Well, Stock Well NONE Arroyo, Wash, Lake, Stream NONE Estimated or Known Distance to Ground Water >100'

Source of Backfill (if other than processed material)

Samples collected:

Type Progress: Verification: ID SJ 27-5 #36 COMG #1 OV-EXWA-01 (soil) water

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



(pit sketch - show sample pts)

Comments: SITE LOCATED ON HONOLULU MEZA - 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 5 FEET

Soil Shipped to: ON SITE LANDFARM

Prepared by: Martha L. Miller



AMERICAN
WEST
ANALYTICAL
LABORATORIES

ORGANIC ANALYSIS REPORT

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

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

Analysis Requested:
Volatile Aromatics
Total Petroleum Hydrocarbons

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

Field Sample ID:
JICARILLA PIT REMEDIATION
SJ 27-5 #36 COMP #1-V-EXWA-01 @ 15:35/72337

Lab Sample ID:
L29538-9

463 West 3600 South
Salt Lake City, Utah
84115

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	< 0.10
Total Xylene	0.10	< 0.10
Total Petroleum Hydrocarbons	2.0	< 2.0

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

% Moisture

19.%

* All compounds are reported on a dry weight basis.

Released By:

Diadi 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:
SI 27-5 #36 COMG #1-V-LF-01/72337 10PPM/14:02
JICARILLA PIT REMEDIATION

Lab Sample ID:
L30031-4

463 West 3600 South
Salt Lake City, Utah
84115

Analytical Results

TPH-E

Units = mg/kg(ppm)

<u>Compound:</u>	<u>Reporting Limit:</u>	<u>Amount Detected:</u>
Total Petroleum Hydrocarbons	2.0	3.5

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

% Moisture

6.0%

* All compounds are reported on a dry weight basis.

Released By: *Diane Bels*
Laboratory Supervisor

LANDFARM

Report Date: July 28, 1997

1 of 1

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