

sep - Risk bedrock

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM
88211
District III
1000 Rio Brazos Rd, Aztec,
NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

Operator: J.B. Gould Company Telephone: (505) 774-6584

Address: P.O. Box 43 Lindrith, New Mexico 87029

Facility Or: Joseph B. Gould 4 Phillips 32,
Well Name

Location: Unit G. Section 32, T25N, R3W

Pit Type: Separator ☒ Dehydrator ☐ Other ☐

Land Type: BLM ☒ State ☐ Fee ☐ Other ☐



Pit Location: Pit dimensions:
length 20', width 25', depth 8" Below the Center of the Pit
(Attach diagram)
Reference: wellhead ☒, other ☐

Footage from reference: 164'

Direction from reference: 85 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 1000 feet	(10 points)
	Greater than 1000 feet	(0 points) <u>0</u>

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: January 15, 2000 **Date Completed:** January 15, 2000

Remediation Method: Excavation ☒ Approx. cubic yards 60

(Check all appropriate

sections) Landfarmed ☒ Insitu Bioremediation _____

Other _____

Remediation Location: Onsite ☒ Offsite _____

(i.e. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action:

Sep pit was excavated until, bedrock was encountered at 8 inches below the center of the pit. Samples were taken at the bottom of the excavation. The sidewalls were excavated until PID readings were below 100 units. A 4-point composite sample from the sidewalls was collected. The removed soils are to be landfarmed onsite.

Ground Water Encountered: No ☒ Yes _____ Depth _____

Final Pit:

Sample location: **Refer to attached Table**

Closure Sampling:

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

Sample depth

Sample Date _____ || Sample Time _____

Sample Results **Refer to attached Table**

Benzene (ppm) _____

Total BTEX (ppm) _____

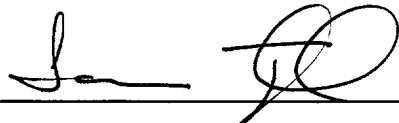
Field headspace (ppm) **Refer to attached Table**

TPH _____

Ground Water Sample: Yes _____ No ☒ (If yes, attach sample results)

AS AN AGENT FOR J.B. GOULD COMPANY, I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

SIGNATURE



DATE 8-23-01

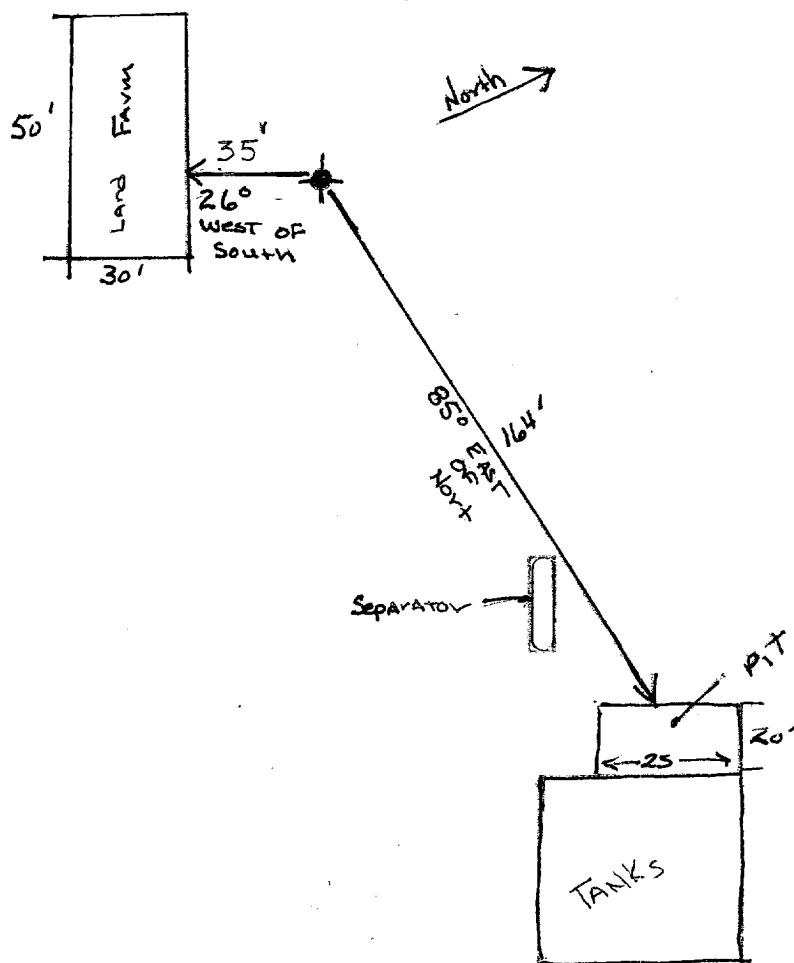
PRINTED NAME Lawrence Trujillo TITLE Senior Environmental Technician

OVM/PID READINGS AND LABORATORY RESULTS

J.B. GOULD #4 PHILLIPS 32 SEP PIT				
Sample Location	PID Units	Date/Time	Diesel Range Organic ppm	Gasoline Range Organics ppm
Center of pit @ 8"	600.0	1/15/00, 11:40	3200.0	0.26
Sidewall Composite @ 3' into sidewall	3.1	1/15/00, 11:45	193.0	BDL
SITE ASSESSMENT				

BDL: Below Detection Limits

 ON SITE TECHNOLOGIES, LTD. 612 E Murray Dr. Farmington, NM 87401 PH. (505) 325-5667 FAX. (505) 327-1496	Site Map Joseph B. Gould 4 Phillips 32 2310'FNL, 2190'FSL, Sec. 32, T25N,R3W UNIT 9
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Not To Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-Jan-00

Client:	On Site Technologies Limited	Client Sample Info:	J.B. Gould #4 Phillip 32
Work Order:	0001017	Client Sample ID:	Center of Pit @ Bedrock
Lab ID:	0001017-01A	Matrix:	SOIL
Project:	4-1641; J.B. Gould #4 Phillip 32	Collection Date:	1/15/2000 11:40:00 AM
		COC Record:	10491

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DM
T/R Hydrocarbons: C10-C28	3200	125		mg/Kg	5	1/21/2000
GASOLINE RANGE ORGANICS		SW8015B				Analyst: DM
T/R Hydrocarbons: C6-C10	0.26	0.18		mg/Kg	1	1/18/2000

Qualifiers:	PQL - Practical Quantitation Limit	S - Spike Recovery outside accepted recovery limits
	ND - Not Detected at Practical Quantitation Limit	R - RPD outside accepted recovery limits
	J - Analyte detected below Practical Quantitation Limit	E - Value above quantitation range
	B - Analyte detected in the associated Method Blank	Surr: - Surrogate

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ON SITE TECHNOLOGIES, LTD. ANALYTICAL REPORT

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-Jan-00

Client:	On Site Technologies Limited	Client Sample Info:	J.B. Gould #4 Phillip 32
Work Order:	0001017	Client Sample ID:	Side Wall Composite
Lab ID:	0001017-02A	Matrix:	SOIL
Project:	4-1641; J.B. Gould #4 Phillip 32	Collection Date:	1/15/2000 11:45:00 AM
		COC Record:	10491

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DM
T/R Hydrocarbons: C10-C28	193	25		mg/Kg	1	1/21/2000
GASOLINE RANGE ORGANICS		SW8015B				Analyst: DM
T/R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	1/18/2000

Qualifiers:

PQL - Practical Quantitation Limit
ND - Not Detected at Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
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R - RPD outside accepted recovery limits
E - Value above quantitation range
Surr - Surrogate

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Date: 11/14/00

Page: _____ of _____

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LAB: (505) 325-5667 • FAX: (505) 327-1496

Purchase Order No.:		Project No. 4-166408 1141		Name Lacey Trayllo		Title	
SEND INVOICE TO		Name Lacey Trayllo		Company J.R. Gould		Mailing Address	
Address		City, State, Zip		Telephone No.		Telefax No.	
PROJECT LOCATION: J.R. Gould #4 Philip 52				ANALYSIS REQUESTED			
SAMPLER'S SIGNATURE: 							
SAMPLE IDENTIFICATION		DATE		TIME		MATRIX	
		PRES.		LAB ID			
Containers 1 1		11/20/00		1140		sol	
		11/45		J			
Relinquished by: 		Date/Time		Received by:		Date/Time	
		Date/Time		Received by:		Date/Time	
		Date/Time		Received by:		Date/Time	
Method of Shipment:		Rush		24-48 Hours		10 Working Days	
		By Date		By Date		By Date	
Special Instructions / Remarks:							
Authorized by: _____ Date _____ (Client Signature <u>Must</u> Accompany Request)							

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Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088

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AND 1 COPY TO
SANTA FE OFFICE

Landfarm Remediation and Closure Report

Owner/Operator: Joseph B. Gould Company

Telephone: (505) 774-6584

Address: P.O. Box 43 Lindrith, New Mexico 97029

Facility or Well Name: Joseph B. Gould #4 Phillips 32 Landfarm #1

Location: Unit or QTR/Qtr G, Section: 32, T25N, R8W

County: Rio Arriba

Land Type BLM X, State , Fee , Other

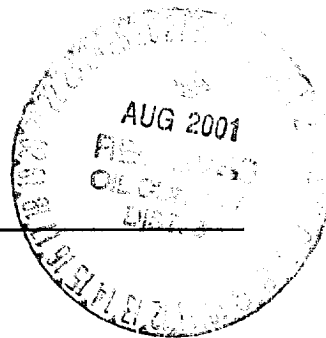
Landfarm location Length: 50' Width: 30'

Reference: Wellhead: X Other:

Footage from reference: 35 feet

Direction from reference: 26 Degrees West of South

Refer to attached map for land farm location



GENERAL DISCRIPTION of LANDFARM ACTIVITIES:

Soils were placed in landfarm in 8 to 12 inch lifts. Soils were turned approximately every two (2) weeks, when weather allowed. Landfarm was sampled every quarter when weather allowed. For each sampling event 9 grab samples were arbitrarily collect from the landfarm and composited. Refer to attached table for laboratory and field screening results

SAMPLING INFORMATION

Type of sample: Grab: Composite: 9 points

Sample Depth : 6 to 8 inches

Sample Date: Refer to attached laboratory results Sample Time: Refer to attached laboratory results

Laboratory Analysis: BTEX (ppm) TPH (ppm)

OVM/PID units

Refer to attached map for sample location. Laboratory results attached

AS AN AGENT FOR J.B. GOULD COMPANY, I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

SIGNATURE

DATE 8.23.01

PRINTED NAME

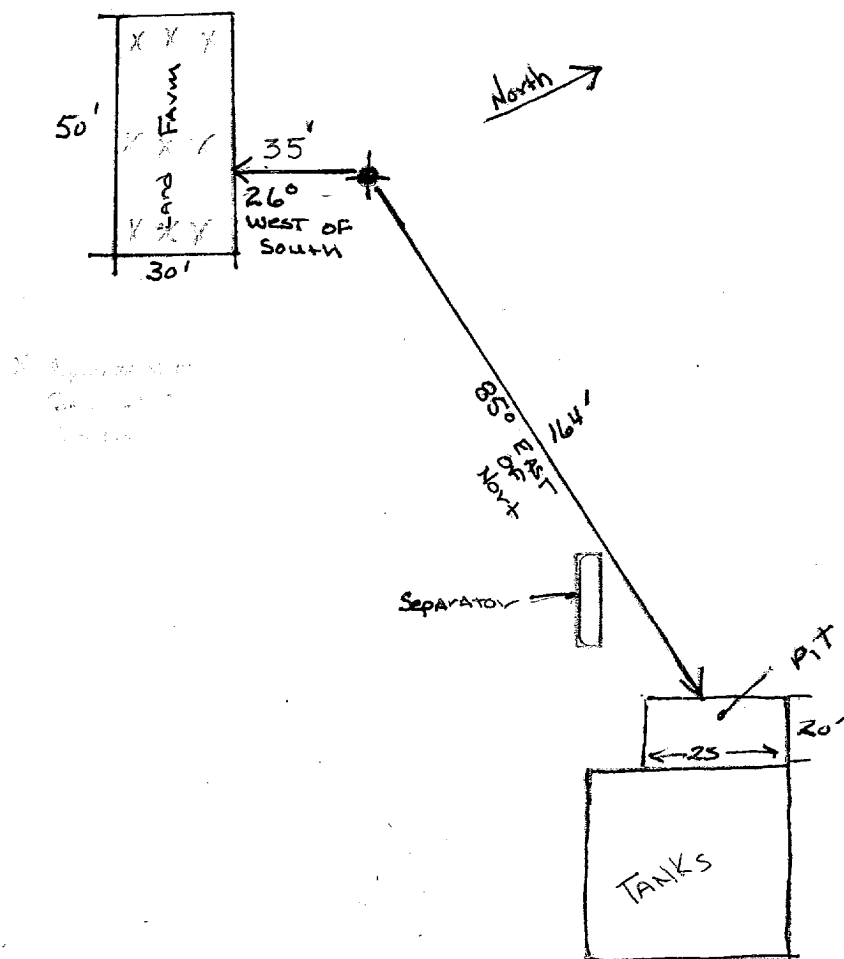
Lawrence Trujillo

TITLE Senior Environmental Technician

LANDFARMS LABORATORY RESULTS TABLE

LOCATION/LANDFARM	DATE	OVM/IPID READING (UNITS)	DIESEL RANGE ORGANICS (PPM)	GASOLINE RANGE ORGANICS (PPM)
J.B. Gould#4 Land farm #1	5/3/2000	1.5	9980	BDL
J.B. Gould#4 Land farm #1	8/8/2000	2.5	14,000	0.19
J.B. Gould#4 Land farm #1	4/16/2001	3.5	15,700	BDL
J.B. Gould#4 Land farm #1	7/23/01	0.1	4440	NA

 ON SITE TECHNOLOGIES, LTD. 612 E Murray Dr. Farmington, NM 87401 PH. (505) 325-5667 FAX. (505) 327-1496	Site Map Joseph B. Gould 4 Phillips 32 2310' FNL, 2190' FSL, Sec. 32, T25N, R3W UNIT 9
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LAB: (505) 325-1556
FAX: (505) 327-1496

ANALYTICAL REPORT

Date: 11-Aug-01

Client:	On Site Technologies Limited	Client Sample Info:	Phillips 32 Lindrith, NM
Work Order:	0107034	Client Sample ID:	J.B. Gould #4 Landfarm #1
Lab ID:	0107034-01A	Matrix:	SOIL
Project:	4-1641-4; J.B. Gould #4 - Phillips 32	Collection Date:	7/23/2001 8:36:00 AM
		COC Record:	11479

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DM
T/R Hydrocarbons: C10-C28	4440	250		mg/Kg	10	8/8/2001

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

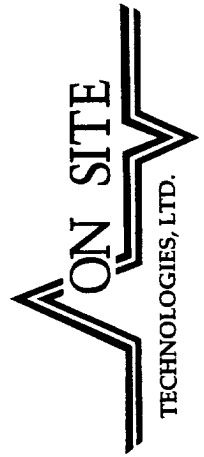
Syn - Surrogate

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CHAIN OF CUSTODY RECORD

Date: 7/23/01

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LAB: (505) 325-5667 • FAX: (505) 327-1496

Purchase Order No.:		Project No. <u>4-1641-4</u>		Name <u>Larry Taylor</u> , Title <u>SG</u>	
SEND INVOICE TO		Company <u>On Site Technologies</u>		Company <u>J.E. Gould & On Site Technologies</u>	
Address <u>612 E. Murray Dr.</u>		Dept. <u>SG</u>		Mailing Address <u>612 E. Murray Dr.</u>	
City, State, Zip <u>Farmington, NM 87401</u>				City, State, Zip <u>Farmington, NM 87401</u>	
PROJECT LOCATION: <u>J.E. Gould & On Site Technologies</u> <u>Linderoth, NM 87401</u>				Telephone No. <u>505-327-1496</u>	
SAMPLER'S SIGNATURE: <u>[Signature]</u>				Telex No. <u>505-327-1496</u>	
SAMPLE IDENTIFICATION		DATE		TIME	
LABORATORY <u>1541</u>		7/23/01		5:00 PM	
CONTAINERS		Number of Containers		RESULTS TO REPORT	
ANALYSIS REQUESTED					
RELINQUISHED BY: <u>[Signature]</u>		Date/Time <u>7/23/01 12:22</u>		Received by: <u>[Signature]</u>	
RELINQUISHED BY: <u>[Signature]</u>		Date/Time		Received by: <u>[Signature]</u>	
RELINQUISHED BY: <u>[Signature]</u>		Date/Time		Received by: <u>[Signature]</u>	
METHOD OF SHIPMENT:		Rush		24-48 Hours	
AUTHORIZED BY: <u>[Signature]</u>		Date <u>7-23-01</u>		10 Working Days	
(Client Signature Must Accompany Request)				By Date	
SPECIAL INSTRUCTIONS / REMARKS:					