

District I

P.O. Box 1980, Hobbs, NM

District I

DEPUTY OIL & GAS INSPECTOR

District I

1000 Rio Brazos Rd, Hobbs, NM 87401
DEC 17 1998

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

PIT REMEDIATION AND CLOSURE REPORT

Operator: QUESTAR ENERGY COMPANY Telephone: 326-9195

Address: POST OFFICE BOX 2330, FARMINGTON, NM 87499

Facility Or: TWIN MOUNDS #1E
Well Name

Location: Unit or Qtr/Qtr Sec H Sec 25 T 30 R 14 County SAN JUAN

Pit Type: Separator Dehydrator Other TANK DRAIN

Land Type: BLM , State , Fee , Other

Pit Location: Pit dimensions: length , width , depth
(Attach diagram)

Reference: wellhead X, other

Footage from reference: 117'

Direction from reference: NORTH Degrees East North
of
75° West South

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)

10

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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Yes (20 points)
No (0 points) 0

OIL CON. DIV.

DIST. 3

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)

0

RANKING SCORE (TOTAL POINTS):

10

Date Remediation Started: 11/11/94 Dated Completed: 7/10/95

Remediation Method: Excavation X (Check all appropriate sections) Landfarmed X Approx. cubic yards 64 cy Insitu Bioremediation

Other SOIL FARM INFORMATION - PLEASE SEE ATTACHED

Remediation Location: Onsite X Offsite
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: EXCAVATED EARTHEN PIT AREA
DIGGING THROUGH WEATHERED SANDSTONE WITH ALTERNATING LAYERS
OF SHALE. WHEN DIGGING MATERIAL BECAME VERY DENSE AND HARD
(BEDROCK ENCOUNTERED) DIGGING WAS HALTED. EXCAVATION MATERIAL
WAS SPREAD ON LOCATION IN SOIL FARMS.

Ground Water Encountered: No X Yes Depth

Final Pit: Closure Sampling: Sample location BOTTOM OF PIT IN CENTER
(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample depth 11-12'

Sample date 4/18/95 Sample time 15:07

Sample Results

Benzene(ppm) N/A

Total BTEX(ppm) N/A

Field headspace(ppm) 41 ppm N.WAU 9-10'

TPH 230 ppm

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

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

DATE Jan 18, 1998

SIGNATURE Shawn A. Adams

PRINTED NAME SHAWN A. ADAMS
AND TITLE ENVIRONMENTAL CONSULTANT



OFF: (505) 325-8786

LAB: (505) 325-5667

TOTAL PETROLEUM HYDROCARBONS

Attn: *Shawn Adams*
Company: *Contract Environmental Services, Inc.*
Address: *P.O. Box 505*
City, State: *Kirtland, NM 87417*

Date: *4/20/95*
COC No. *2667*
Sample No. *5963*
Job No. *2-1000*

Project Name: *Questar Energy Company Twin Mounds #1E*
Project Location: *TWIN-404 Pit #1 Bottom Sample (Eastside)*
Sampled by: *SA* Date: *4/18/95* Time: *15:07*
Analyzed by: *BV* Date: *4/19/95*
Type of Sample: *Soil*

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
<i>5963-2667</i>	<i>Questar Energy Company Twin Mounds #1E TWIN-404 Pit #1 Bottom Sample (Eastside)</i>	<i>230 mg/kg</i>

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: *Da G*
Date: *4/20/95*

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DATE: 2/23/95

LOCATION: TWO MOUNDS #1 & 2

NOTES: MOVE CLEAN SOIL FROM MATERIAL FROM SURFACE TO STOCKPILE NEAR DIG - INITIAL EXCAVATION BY TANK. SPREAD OUT STOCKPILED SOIL FROM PREVIOUS DIG THAT WAS LOCATED SOUTH AND WEST OF ORIGINAL EXCAVATION. WORK ON CONTINUING EXCAVATION ON TANK PIT. REMOVING CONTAMINATED SOIL FROM W AND S SIDE OF EXCAVATION. BACKHOLE LOCATED TOWARD

OFF.

SECOND EASTERN PIT WILL BE DUG UP TOMORROW. REMOVE FENCING TODAY TO GET READY. LOCATION ON SECOND PAGE DRAWING.

A-U NEXT TO BACKHOLE, JOHN DEERE W/OUT EXTENDING - HERE.

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SOIL FROM MOUND

WELLHEAD

STOCKPILED SOIL FROM LAST DIG (SPREAD)

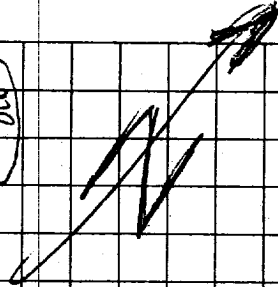
OLD EXC.

EXCAVATED #1

400 800
TANK

5
TANK
PIT

OLD



DATE: 1/1/01

TO: Mr. J. Edgar Hoover

FROM: Mr. [illegible]

SUBJECT: [illegible]

RE: [illegible]

DATE: [illegible]

RE: [illegible]

TO: Mr. [illegible]

FROM: Mr. [illegible]

SUBJECT: [illegible]

RE: [illegible]

[45.0000]

DATE: [illegible]

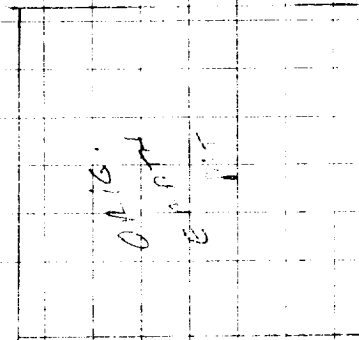
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FROM: Mr. [illegible]

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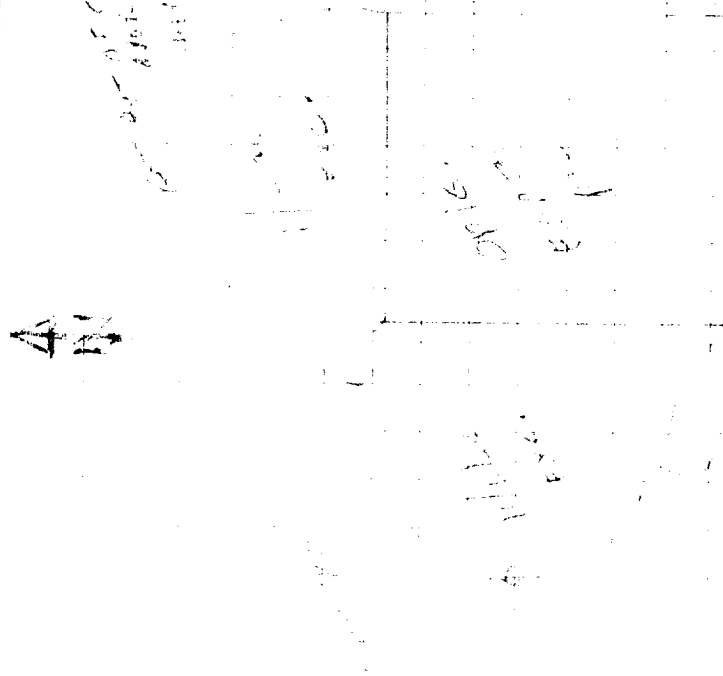
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EX-100

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FROM: Mr. [illegible]

1969-1970



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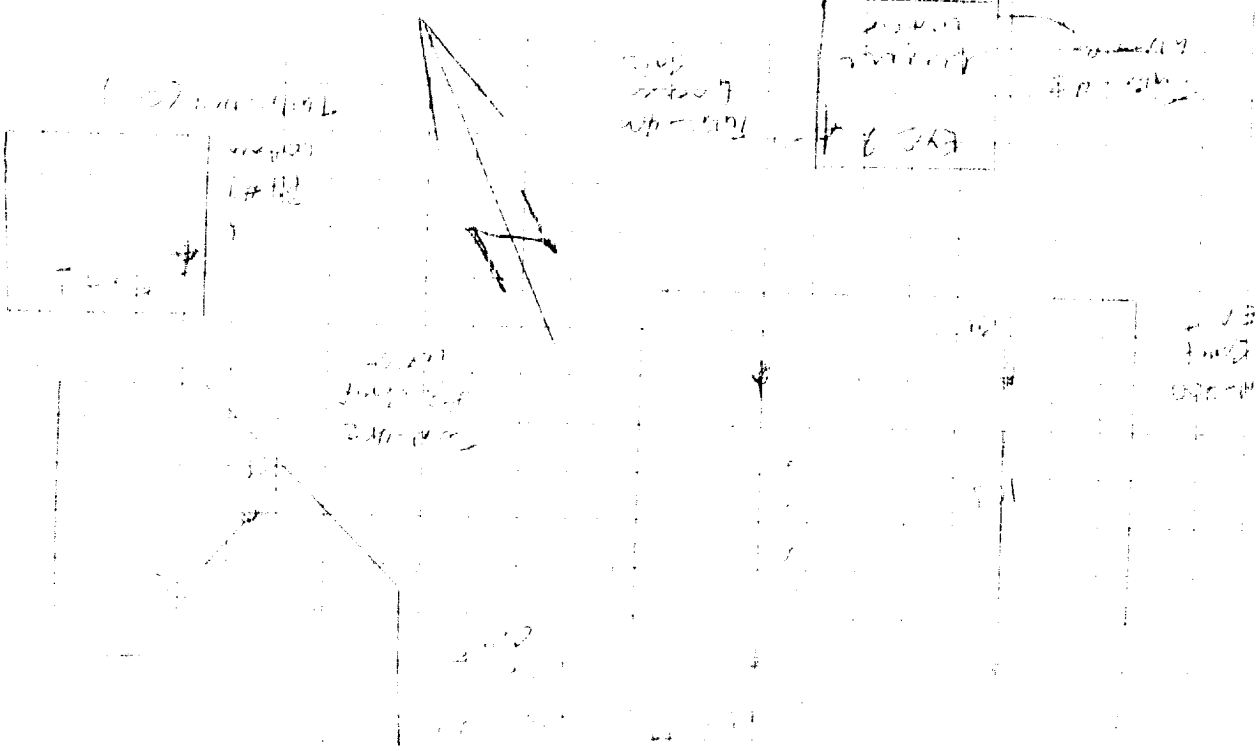
1

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DATE: 2/28/65

LOCATION: TWIN MOUNTAIN

NOTES: MET PHIL AT LOCATION AT 9:30 AM.
TWO ALCOHOL BOTTLES IN SOIL. TRUCK
IN SOIL. LIES IN ALCOHOL BOTTLE
CHIEF TO ALCOHOL. BEFORE CHIEF'S. SOME
WE ARE IN SOIL. ON BOTH PHASES.
GOOD. SOMEONE HAS BEEN FIGHTING.



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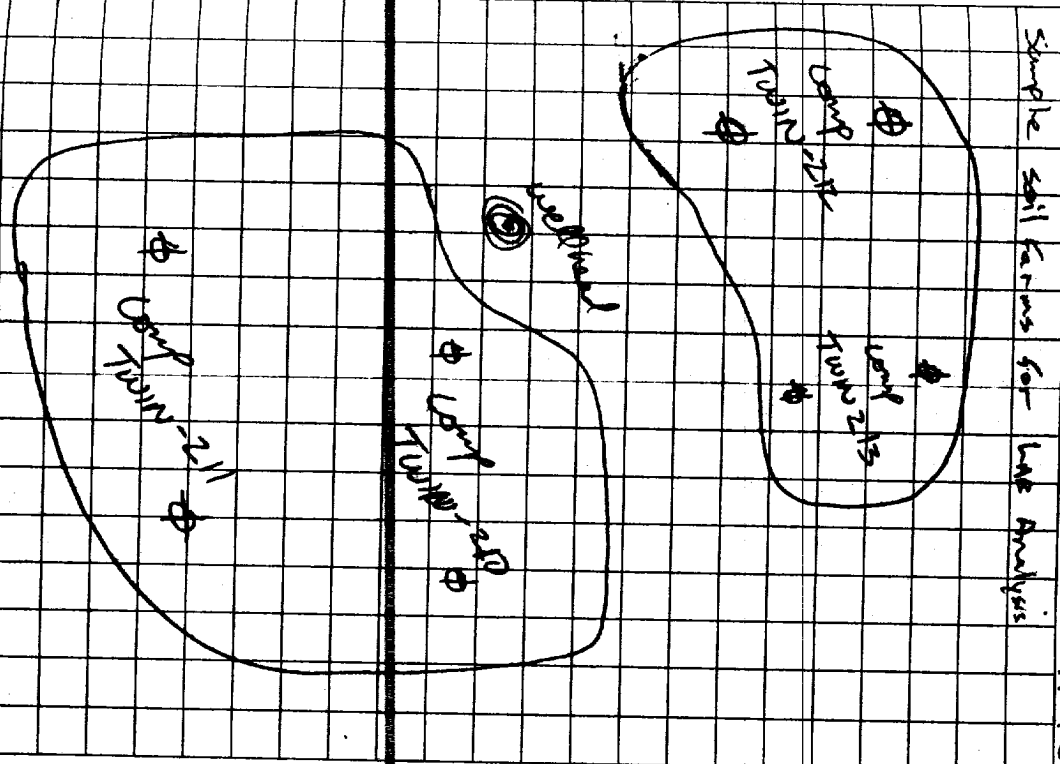
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Questar Energy Company

~~Land Use Information - Twin Mounts # 15~~

7/10/95	Sample No.	Description	Method	Results (PPM)
	Twin - 210	Soil Farm Clearance	418.1	118
	Twin - 211	Soil Farm Clearance	418.1	96
	Twin - 212	Soil Farm Clearance	418.1	49
	Twin - 213	Soil Farm Clearance	418.1	44

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OFF: (505) 325-8786



LAB: (505) 325-5667

TOTAL PETROLEUM HYDROCARBONS

Attn: **Shawn Adams**
Company: **Contract Environmental Services, Inc.**
Address: **P.O. Box 505**
City, State: **Kirtland, NM 87417**

Date: **7/11/95**
COC No.: **2675**
Sample No. **7227**
Job No. **2-1000**

Project Name: **Questar Energy Company - Twin Mounds 1E**
Project Location: **TWIN-210 Soil Farm**
Sampled by: **SA** Date: **7/10/95** Time: **13:49**
Analyzed by: **DC** Date: **7/11/95**
Type of Sample: **Soil**

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
7227-2675	Questar Energy Company - Twin Mounds 1E TWIN-210 Soil Farm	118 mg/kg

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: **DAK**
Date: **7/11/95**

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TOTAL PETROLEUM HYDROCARBONS

Attn: **Shawn Adams**
Company: **Contract Environmental Services, Inc.**
Address: **P.O. Box 505**
City, State: **Kirtland, NM 87417**

Date: **7/11/95**
COC No.: **2675**
Sample No. **7228**
Job No. **2-1000**

Project Name: **Questar Energy Company - Twin Mounds 1E**
Project Location: **TWIN-211 Soil Farm**
Sampled by: **SA** Date: **7/10/95** Time: **13:56**
Analyzed by: **DC** Date: **7/11/95**
Type of Sample: **Soil**

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
7228-2675	Questar Energy Company - Twin Mounds 1E TWIN-211 Soil Farm	96 mg/kg

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: **Jah**

Date: **7/11/95**

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TOTAL PETROLEUM HYDROCARBONS

Attn: *Shawn Adams*
Company: *Contract Environmental Services, Inc.*
Address: *P.O. Box 505*
City, State: *Kirtland, NM 87417*

Date: *7/11/95*
COC No.: *2675*
Sample No. *7229*
Job No. *2-1000*

Project Name: *Questar Energy Company - Twin Mounds 1E*
Project Location: *TWIN-212 Soil Farm*
Sampled by: *SA*
Analyzed by: *DC*
Type of Sample: *Soil*

Date: *7/10/95* Time: *14:04*
Date: *7/11/95*

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
<i>7229-2675</i>	<i>Questar Energy Company - Twin Mounds 1E</i> <i>TWIN-212 Soil Farm</i>	<i>49 mg/kg</i>

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: *[Signature]*
Date: *7/11/95*

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TOTAL PETROLEUM HYDROCARBONS

Attn: *Shawn Adams*
Company: *Contract Environmental Services, Inc.*
Address: *P.O. Box 505*
City, State: *Kirtland, NM 87417*

Date: *7/11/95*
COC No.: *2675*
Sample No. *7230*
Job No. *2-1000*

Project Name: *Questar Energy Company - Twin Mounds 1E*
Project Location: *TWIN-213 Soil Farm*
Sampled by: *SA* Date: *7/10/95* Time: *14:09*
Analyzed by: *DC* Date: *7/11/95*
Type of Sample: *Soil*

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
7230-2675	<i>Questar Energy Company - Twin Mounds 1E</i> <i>TWIN-213 Soil Farm</i>	44 mg/kg

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: *Jack*
Date: *7/11/95*

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