

<b>Operator:</b> GIANT EXPLORATION & PRODUCTION	<b>Telephone:</b> 505-326-3325
<b>Address:</b> P.O.BOX 2810 FARMINGTON, NM 87499	
<b>Facility Or:</b> BISTI COAL 27 #1	
<b>Well Name</b>	
<b>Location:</b> Unit or Qtr/Qtr Sec NW/NE	Sec 27 T 25N R 12W County SAN JUAN
<b>Pit Type:</b> Separator <input checked="" type="checkbox"/> Dehydrator ___ Other NAVAJO	
<b>Land Type:</b> BLM ___, State ___, Fee ___, Other _____	

<b>Pit Location:</b>	Pit dimensions: length 10' , width 10' , depth 6'
(Attach diagram)	Reference: wellhead <input checked="" type="checkbox"/> , other _____
	Footage from reference: 70 FEET
	Direction from reference: 270 Degrees East North _____ of <input checked="" type="checkbox"/> West South _____

<b>Depth To Ground Water:</b> (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>
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<b>Wellhead Protection Area:</b> (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>
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<b>Distance To Surface Water:</b> (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>20</u>
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**RANKING SCORE (TOTAL POINTS):** 20

Date Remediation Started: 2/23/96

Date Completed: 2/23/96

Remediation Method: Excavation ☒  
(Check all appropriate sections)

Approx. cubic yards

Landfarmed

Insitu Bioremediation

Other No remediation necessary below contaminated levels to require remediation

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

General Description Of Remedial Action: None

Used open pit area to install open top fiberglass pit. ( bbl, 6' X 6')

A gravel base was laid down with a leak detection device before installing the fiberglass tank.

Ground Water Encountered: No ☒ Yes ☐ Depth

Final Pit:

Sample location Edge of pit on low flow side

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

Sample depth Three feet

Sample date 6/12/96

Sample time 12:00pm

Sample Results

Benzene(ppm) ----

Total BTEX(ppm) ----

Field headspace(ppm) 5 ppm

TPH 7.8

Ground Water Sample: Yes ☒ No ☐ (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 6/19/96

SIGNATURE R.L. TROXELL

PRINTED NAME Rod Troxell

AND TITLE Operation Compliance Supervisor

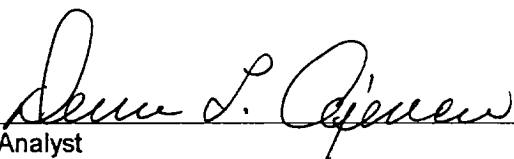
Client:	Giant Exploration	Project #:	95300-26
Sample ID:	Bisti Coal 27 #1	Date Reported:	06-13-96
Laboratory Number:	A214	Date Sampled:	06-12-96
Chain of Custody No:	4802	Date Received:	06-12-96
Sample Matrix:	Soil	Date Extracted:	06-13-96
Preservative:	Cool	Date Analyzed:	06-13-96
Condition:	Cool and Intact	Analysis Needed:	TPH

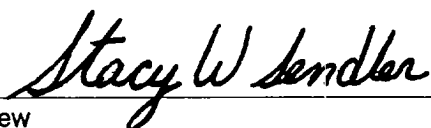
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	7.8	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Bisti Wells.**

  
Analyst

  
Review

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 87504-2088SUBMIT 1 COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE

(Revised 3/9/94)

**PIT REMEDIATION AND CLOSURE REPORT**

Operator: GIANT EXPLORATION &amp; PRODUCTION

Telephone: 505-326-3325

Address: P.O. BOX 2810, FARMINGTON, NM 87499

Facility Or: BISTI COAL 23 #2

Well Name

Location: Unit or Qtr/Qtr Sec NW/SW Sec 23 T 25N R 12W County SAN JUAN

Pit Type: Separator ☒ Dehydrator ☐ Other ☐Land Type: BLM ☒ State ☐ Fee ☐ Other ☐Pit Location: Pit dimensions: length 10', width 10', depth 6'  
(Attach diagram)Reference: wellhead ☒ other ☐

Footage from reference: 65 FEET

Direction from reference: 248° Degrees East North  
of  
☒ 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) 0

## 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) 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 1000 feet (10 points)  
Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS):

0

Date Remediation Started: 2/23/96 Date Completed: 2/23/96

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

Other No remediation necessary - below contaminated levels  
to require remediation

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

General Description Of Remedial Action: None

We used the open pit area to install an open top fiberglass pit, (30bbl, 6' X 6')

A gravel base was laid down with a leak detection device before installing the fiberglass  
tank.

Ground Water Encountered: No X Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit: Sample location Edge of pit on low flow side.

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

Sample depth Three feet

Sample date 6/12/96 Sample time 1:00pm

Sample Results

Benzene(ppm) \_\_\_\_\_

Total BTEX(ppm) \_\_\_\_\_

Field headspace(ppm) .8 ppm

TPH 9.3

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

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OF MY KNOWLEDGE AND BELIEF

DATE 6/19/96

SIGNATURE R.L. TROXELL

PRINTED NAME  
AND TITLE

Rod Troxell  
Operations Compliance Supervisor

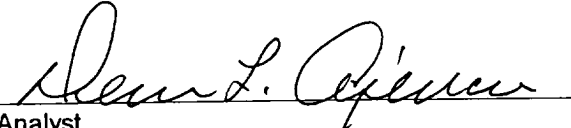
Client:	Giant Exploration	Project #:	95300-26
Sample ID:	Bisti Coal 23 #2	Date Reported:	06-13-96
Laboratory Number:	A216	Date Sampled:	06-12-96
Chain of Custody No:	4802	Date Received:	06-12-96
Sample Matrix:	Soil	Date Extracted:	06-13-96
Preservative:	Cool	Date Analyzed:	06-13-96
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	9.3	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Bisti Wells.**

  
Analyst

  
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State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

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AND 1 COPY TO  
SANTA FE OFFICE

(Revised 3/9/94)

## PIT REMEDIATION AND CLOSURE REPORT

Operator: GIANT EXPLORATION & PRODUCTION Telephone: 505-326-3325

Address: P.O. BOX 2810 FARMINGTON, NM 87499

Facility Or: BISTI COAL 22 #1  
Well Name

Location: Unit or Qtr/Qtr Sec NE/SW Sec 22 T25N R12W County SAN JUAN

Pit Type: Separator X Dehydrator      Other     

Land Type: BLM X, State     , Fee     , Other     

Pit Location: Pit dimensions: length 10', width 10', depth 6'  
(Attach diagram)

Reference: wellhead X, other     

Footage from reference: 50 FEET

Direction from reference: 338° Degrees      East North X  
of  
X West South     

Depth To Ground Water: Less than 50 feet (20 points)  
(Vertical distance from 50 feet to 99 feet (10 points)  
contaminants to seasonal Greater than 100 feet (0 Points) 0  
high water elevation of  
ground water)

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

Distance To Surface Water: Less than 200 feet (20 points)  
(Horizontal distance to perennial 200 feet to 1000 feet (10 points)  
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points) 0  
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 0

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DTEL 2

Date Remediation Started: 2/26/96

Date Completed: 2/26/96

Remediation Method: Excavation X  
(Check all appropriate sections)

Approx. cubic yards \_\_\_\_\_

Landfarmed \_\_\_\_\_

Insitu Bioremediation \_\_\_\_\_

Other \_\_\_\_\_

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

General Description Of Remedial Action: \_\_\_\_\_

Enlarge pit size to install 12' x 6' fiberglass open top tank. A gravel base was laid down with a leak detection device before installing the fiberglass tank.

Ground Water Encountered: No X Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit:  
Closure Sampling:  
(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location Edge of pit on low flow side

Sample depth Three feet

Sample date 6/12/96

Sample time 12:30pm

Sample Results

Benzene(ppm) \_\_\_\_\_

Total BTEX(ppm) \_\_\_\_\_

Field headspace(ppm) 5 ppm

TPH 0 - ND

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 6/19/96

SIGNATURE R.L. Troxell

PRINTED NAME  
AND TITLE

Rod Troxell  
Operations Compliance Supervisor



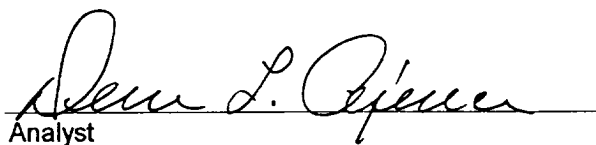
Client:	Giant Exploration	Project #:	95300-26
Sample ID:	Bisti Coal 22 #1	Date Reported:	06-13-96
Laboratory Number:	A215	Date Sampled:	06-12-96
Chain of Custody No:	4802	Date Received:	06-12-96
Sample Matrix:	Soil	Date Extracted:	06-13-96
Preservative:	Cool	Date Analyzed:	06-13-96
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	ND	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Bisti Wells.**

  
Analyst

  
Review