Antelope Ridge Unit #2 Flow line

(Located in SECTION 4, T24S, R34E of Lea County, NM)

(GPS Reading of 32°-15'-24.9"-N & 103°-27'-55.3"-W)

(API # 30-025-20444)

Spill Remediation Report

Presented to:

Bold Energy, LP

415 W. Wall Ste. 500
Midland, Texas 79701

IRP-# 1352

Prepared by:

Phoenix Environmental, LLC.

P.O. Box 1856
Hobbs, New Mexico 88240

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District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St. Francis Dr, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company BOLD ENERGY LP	Contact DONNY MONEY
Address 415 W WALL ST MIDLAND, TX 79705	Telephone No. 432 - 661 - 8803
Facility Name ANTELOPE RIDGE UNIT #2	Facility Type GAS WELL FLOW LINE

Surface Owner KELLER RANCH	Mineral Owner	Lease No.

LOCATION OF RELEASE API# 30-025-20444

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	4	24S	34E					

Latitude 32° - 15' - 24.9 Longitude 103° - 27' - 55.3

NATURE OF RELEASE

Type of Release FLOW LINE LEAK	Volume of Release 5 BBL	Volume Recovered Ø
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery 8:00 AM 5-16-07
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? LARRY Johnson 5-17-07	
By Whom? ALLEN Hodge Y Plow. & ENV.	Date and Hour 10:30 AM 5-17-07	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. —	

If a Watercourse was Impacted, Describe Fully.*

—

Describe Cause of Problem and Remedial Action Taken.*
FLOW LINE BLOW OUT WITH HIGH H_2S 6,500ppm SHUT WELL IN AND PUT UP A FENCE AROUND LEAK SITE.

Describe Area Affected and Cleanup Action Taken.*
IMPACTED PASTURE AN AREA THAT IS 60'x90' ONLY LOST ABOUT 5 bbl OF PRODUCED WATER. (SEE ATTACHED WORKPLAN)

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION
Printed Name: Donny Money	Approved by District Supervisor: ENVIRONMENTAL ENGINEER
Title: Prod. Supt.	Approval Date: 5-23-07 Expiration Date: 7-25-07
E-mail Address: donny.money@baidenergy.com	Conditions of Approval: SUBMIT FINAL C-141 W/ ATTACHMENTS Documentation Attached ☐
Date: 5/14/07 Phone: 432-661-8803	

Attach Additional Sheets If Necessary

MAY 2007
Received
Hobbs
OCD

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
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1000 Rio Brazos Road, Aztec, NM 87410
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Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Bold Energy LP	Contact Donny Money
Address 415 W Wall Ste 500 Midland Tx 79701	Telephone No. 432-661-8803
Facility Name Antelope Ridge Unit #2	Facility Type gas well flow line

Surface Owner	Mineral Owner	Lease No.
Keller Ranch		

LOCATION OF RELEASE

API 30-025-20444

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	4	24S	34E					Lea

Latitude 32° 15' 24.9" N Longitude 103° 27' 55.3" W

NAD 83

NATURE OF RELEASE

Type of Release Flow line leak	Volume of Release 5 bbls	Volume Recovered 0
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery 8:00 AM 5-16-07
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Larry Johnson 5-17-07	
By Whom? Allen Hodge w/ Phoenix Env.	Date and Hour 10:30 AM 5-17-07	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. —	

If a Watercourse was Impacted, Describe Fully.*

—

Describe Cause of Problem and Remedial Action Taken.*
Flowline blowout with high H_2S 6,500 ppm shut well in and put up fence around leak site.

Describe Area Affected and Cleanup Action Taken.*
Impacted pasture area that is 60' x 90' only lost about 5 bbls of produced water. (See Attached work plan)

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Donny Money	OIL CONSERVATION DIVISION
Printed Name: Donny Money	Approved by District Supervisor: Larry Johnson ENVIRONMENTAL ENGINEER
Title: Prod. Supt.	Approval Date: 5.6.08 Expiration Date: —
E-mail Address:	Conditions of Approval: — Attached ☐ RP # 1352
Date: 6/15/07 Phone: 432-661-8803	

Attach Additional Sheets If Necessary

fCOH0812370 63

PHOENIX ENVIRONMENTAL LLC

P.O. Box 1856 2113 French Dr. Hobbs, NM 88241-1856 Office 505-391-9685 Fax 505-391-9687

May 17, 2007

Bold Energy, LP
415 W. Wall, Ste. 500
Midland, Texas 79701

Attn: Mr. Shannon Klier
Operations Engineering Manager

RE: Work Plan and Cost to Clean Up the Antelope Ridge Unit #2 Blowout Located in Sec 4, T24S and R34E of Lea County, New Mexico

Dear Mr. Klier:

Phoenix Environmental, LLC (Phoenix) would like to take this time to thank you and Bold Energy, for the opportunity to provide our professional services. Please find attached our work plan and cost for the above listed site.

If you have any questions and/or need more data in regards to projects please call at any time. My cell phone is 505-631-8314.

Sincerely,

Allen Hodge, REM
VP Operations
Phoenix Environmental LLC

Summary/Overview

The Antelope Ridge Unit #2 blowout site should be completed and remediated in accordance with the standards of the NMOCD. It is our understanding that any potential contamination from the site was a result of activities associated with the drilling and production of oil and gas.

The potential contaminates of concern are mid to high-level concentrations of produced water and high levels of H2s.

The lands primary use is domestic pasture for ranching and the production of oil and gas.

The ground water depth data available for this area showed the depth to ground water to be in the 180' range BGS.

Pursuant to the standards of the NMOCD, the clean up level for this site will be at <5,000ppm of TPH, <50ppm for BTEX and Chlorides less than <250ppm.

The following scope of work was based on data from our site visit and the requirements of the NMOCD for site clean up.

Scope of Work for Entombment of Impacted Soils

NOTE: Phoenix, for the purpose of this work plan, will estimate that there is approximately 800cyds of impacted soils at the site that needs to be addressed for site closure. This is based on a 60x90x4 area of impact.

1. First Phoenix will call One-Call for line spot clearance before any excavation at the site is started.

2. Phoenix will mobilize to the site located in the Antelope Ridge area southwest of Eunice, NM equipment and personnel necessary to start and complete the site remediation as required, getting the site back into compliance.

3. The site will be cleared of brush and debris and a staging area set up for site control and safety.

4. Phoenix will block off the road next to the spill area due to the high level of H2s that is in the impacted soils for safety. The impacted soils will be excavated and placed on plastic to air out.

5. Once the impacted soils have been excavated bottom samples will be taken to confirm the site is below NMOCD levels for clean up.

6. Impacted soils at the site will then be transported to a NMOCD approved disposal facility for disposal.

7. Phoenix will field screen the site during the excavation, and, once the TPH and CL has dropped below clean-up requirements, final samples will be taken and sent to a third party lab for analysis.

8. Once all of the remediation criteria have been met for site closure and compliance, the site will be backfilled with clean material. The site will be contoured with a slight crown to prevent the ponding of any water and reseeded.

9. Once all of the closure criteria have been met, a final closure report will be prepared by Phoenix. This report will include a summary of remediation operations, findings on-site and lab analysis, site maps and project photos.

SECTION II

Project Overview

Phoenix Environmental, LLC. (Phoenix) was contracted by Donny Money with Bold Energy LLC to consult and oversee the clean up on the Antelope Ridge #2 Flow line Blowout. The Antelope Ridge Unit #2 is located at, Sec. 4, T24S, R34E of Lea Co. New Mexico with a GPS Reading: 32°15'-24.9"N & 103°27'-55.3"W with an elevation of 3479' above sea level and belongs to Bold Energy LLC. The land, in and around the site, is primarily used as pasture for cattle and the production of oil and gas. The spill site is located on the side of the road.

The potential contaminates of concern were medium to high level concentrations of produced water containing chlorides and high levels of H_2S.

The ground water depth data that was available for this section for the State of New Mexico Engineers' office showed that the vertical depth to the top of water was in the 180 feet range below surface.

Pursuant to the NMOCD guidelines for clean up of leaks and spills, the clean up level for this site will be at <5000 ppm for TPH (Total Petroleum Hydrocarbons) and <50 ppm for BTEX (Benzene, Toluene, Ethylbenzene, and Xylene). The NMOCD has also asked for CL (Chlorides) be returned back as close to background levels as possible or <250 ppm.

Findings and Conclusion

The affected area is an area that is 60'x90'x4' on the south side of the road. The problem that caused the spill was a flow line blow out with high H_2S (approximately 6,500 parts per million (ppm). The volume of produced water released was approximately 5 bbls, now of which was recoverable.

It appeared that approximately 276 cubic yards of impacted soils would have to be removed to complete the excavation of the project to remove the affected soils for disposal at a NMOCD permitted commercial waste disposal facility. Clean backfill was then brought in to compact and fill in the excavated area. The battery now has new berms built for secondary containment.

The bottom of the excavation (approximately 2 feet) was tested for TPH, & Chlorides to make certain that the target limits had been met prior to backfilling and compaction for

closure. The site cleaned up very well, not impacting groundwater. (Refer to attached Summary Analysis Report for actual levels).

The Battery site should pose very little if any future environmental threat; the impacted soils at the site were removed for off site disposal and the berms have been rebuilt for secondary containment that will keep any future spills contained within the berms of the facility.

Chronology of Operations

1. *May 23, 2007 – Phoenix mobilized on-site, with the first order being a tailgate safety meeting to review any potential safety concerns of the site and to cover the clean up operations. (Please note that a daily safety meeting is the first order of the day before any work begins on site). New Mexico One Call was notified of the intent to clean up the battery. A backhoe was used to start clearing of brush and debris and a staging area set up for site control and safety.*

2. *May 24, 2007 – Backhoe dug up impacted soils and placed the soils on plastic to avert any further leaching problems in the affected area. Supervisor stood by with safety equipment and monitoring of H_2S concentrations.*

3. *May 29, 2007 – Backhoe dug up impacted soils and placed soils on plastic. Supervisor stood by with safety equipment and monitored H_2S concentrations.*

4. *May 30, 2007 – Crew continued to dig up impacted soil. The impacted soil was loaded into trucks; trucks hauled out 60 cubic yards to off-site NMOCD approved disposal facility. Supervisor stood by with safety equipment and monitored H_2S concentrations.*

5. *May 31, 2007 – Crew continued to dig up impacted soil. The impacted soil was loaded into trucks; trucks hauled out 60 cubic yards to off-site NMOCD approved disposal facility. Supervisor stood by with safety equipment and monitored H_2S concentrations.*

6. *June 1, 2007 – Crew continued to dig up impacted soil and load trucks. A total of 80 cubic yards was taken to off-site NMOCD approved disposal facility on this date. Trucks hauled into location 132 cubic yards of backfill. Supervisor stood by with safety equipment and monitored H_2S concentrations.*

7. *June 4, 2007 – Track hoe was mobilized to location. A test hole was dug for delineation of impacted area. Impacted soils were dug up and loaded into trucks for disposal at an approved NMOCD disposal facility; 100 cubic yards of impacted soil taken to disposal. Supervisor stood by with safety equipment and monitored H_2S concentrations.*

8. *June 5, 2007 – Completed test hole delineation. Impacted soils were loaded into trucks and hauled to NMOCD approved disposal facility; 180 cubic yards was taken to disposal and 264 cubic yards of back fill was brought into location for backfill. Supervisor stood by with safety equipment and monitored H_2S concentrations.*

9. *June 6, 2007 – Crew continued to dig out impacted soil and load trucks. Trucks hauled 180 cubic yards to an approved NMOCD disposal facility and also hauled 216 cubic yards of backfill to location. Supervisor stood by with safety equipment and monitored H_2S concentrations.*

10. *June 7, 2007 – Impacted soils were loaded into trucks and hauled to an approved NMOCD disposal facility; 200 cubic yards was taken to disposal and 60 cubic yards of clean soil was brought into location for backfilling. Supervisor stood by with safety equipment and monitored H_2S concentrations.*

11. *June 8, 2007 – Crew continued to dig out impacted soil area and load into trucks. Trucks hauled 180 cubic yards to an approved NMOCD disposal facility and trucked in 192 cubic yards of backfill to location. Supervisor stood by with safety equipment and monitored H_2S concentrations*

12. *June 11, 2007 – Impacted soil was excavated and loaded into trucks; 140 cubic yards of impacted soil was taken to an approved NMOCD disposal facility. Impacted areas were backfilled with clean dirt after the bottom of the excavated areas were cleaned and samples were sent out for analysis to a third party laboratory for TPH, BTEX and Chlorides for final verification of clean up standards for the NMOCD limits. Supervisor stood by with safety equipment and monitored H2S concentrations. (Please refer to attached Summary Analysis Report).*

13. *June 12, 2007 – An additional 280 cubic yards of backfill was hauled into location. Impacted areas were backfilled. The site was contoured with a slight crown to prevent any water from ponding on the affected area.*

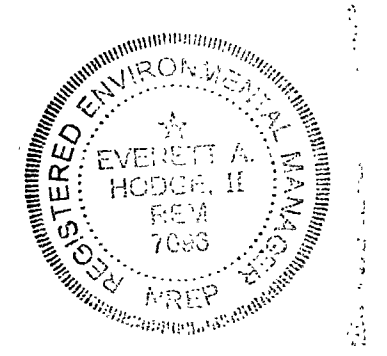
14. *July 19, 2007 - Location was disc up and reseeded to complete remediation criteria.*

Certification

The following Phoenix Environmental personnel have reviewed this report and verified that to the best of their knowledge the contents are true and correct.

Allen Hodge, REM
VP Operations
Phoenix Environmental, LLC.

Signature: _____



Registered Environmental Manager #7096
National Registry of Environmental Professionals

SECTION III

SUMMARY SOIL ANALYSIS REPORT

Client: Bold Energy LP
Supervisor: Allen Hodge
Sample Matrix: Soil

Facility: Antelope Ridge #2 Flow line Blowout
Order No.: Donny Money
Samples Received: Intact on site

Initial Project Screening

Sample	Date	Depth	Chlorides	TPH	BTEX	Location	Test Method
#1							
#2							
#3							
#4							
#5							
#6							

Samples reported in parts per million (ppm) and depth is in feet (') and inches (")

Interim Project Screening

Sample	Date	Depth	Chlorides	TPH	BTEX	Location	Test Method
#1	6/11/07	5'	70			North East of Excavation	EPA 325.3
#2	6/11/07	5'	<50			South of Excavation	EPA 325.3
#3	6/11/07	5'	<50			West of Excavation	EPA 325.3
#4	6/11/07	10'	70			East of Excavation	EPA 325.3
#5	6/11/07	28'-29'	350			Blowout	EPA 325.3
#6	6/11/07	10'	<50			From Ramp 30'	EPA 325.3
#7	6/11/07	0'-6"	<50			Background	
#8							
#9							
#10							
#11							
#12							
#13							
#14							
#15							
#16							

Samples reported in parts per million (ppm) and depth is in feet (') and inches (")

Final (Third Party Laboratory) Project Screening Verification

Sample	Date	Depth	Chlorides	TPH	BTEX	Location	Test Method
#1	8/21/07	5'	127			North East Blowout	ON Report
#2	8/21/07	5'	24.4			South of Blowout	On Report
#3	8/21/07	5'	221			West of Blowout	On Report
#4	8/21/07	10'	470			East of Blowout	ON Report
#5	8/21/07	28'-29'	85.5			Blowout	On Report
#6	8/21/07	10'	158			30' Comp	On Report
#7	8/21/07	0-6"	ND			Background	ON Report

Samples reported in parts per million (ppm) and depth is in feet (') and inches (")

Phoenix Environmental, LLC.
P.O. Box 1856 – 2113 French Drive
Hobbs, New Mexico 88241
505.391.9685 – FAX: 505.391.9687

SOIL ANALYSIS REPORT

Date: 6/11/07
Client: Bold Energy LP
Supervisor: *Allen Hodge*
Sample Matrix: *Soil*

Facility: Antelope Ridge #2
Test Method: *EPA 325.3*
Order No.: Donny Money
Sample Received: *Intact on site*

Sample	CL (ppm)	Depth (feet)	Location
#1	70	5′	North East of Excavation
#2	<50	5′	South of Excavation
#3	<50	5′	West of Excavation
#4	70	10′	East of Excavation
#5	350	28′-29′	From Blowout
#6	<50	10′	From Ramp 30′
#7	<50	0″-6″	Background

COMMENTS: *These samples are field screen samples taken to confirm regulator limits prior to final lab analysis.*

ASSAIGAI ANALYTICAL LABORATORIES, INC.

P.O. Box 90430 • Albuquerque, New Mexico 87199 • (505) 345-8964 • FAX (505) 345-7259
3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820
127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

PHOENIX ENVIRONMENTAL, LLC
attn: **ALLEN HODGE**
PO BOX 1856
HOBBS NM 88241

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **PHOENIX ENVIRONMENTAL, LLC**
Project: **BOLD ANTELOPE RIDGE #2 FL**
Order: **07080599 PHO01** Receipt: **08-21-07**

William P Biava: President of Assaigai Analytical Laboratories, Inc

Sample: ***1 NE OF BLOW OUT 5'*** Collected: *08-17-07 8:00:00* By: *RG*
Matrix: ***SOIL***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
7080599-001A			**SW846 5035B/8015B GRO by GC/FID**				By: RW			
7475	XG.2007.1264.14		Gasoline Range Organics	ND	mg/Kg	1	1	1	08-28-07	08-28-07
7080599-001A			**SW846 5035B/8021B Purgeable VOCs by GC/PID**				By: RW			
V07467	XG.2007.1244.5	71-43-2	Benzene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
7467	XG.2007.1244.5	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
7467	XG.2007.1244.5	95-47-6	o-Xylene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
V07467	XG.2007.1244.5	179601-23-1	p/m-Xylenes	ND	mg/Kg	1	0.01		08-23-07	08-23-07
7467	XG.2007.1244.5	108-88-3	Toluene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
7080599-001A			**SW846 8015B Diesel Range Organics by GC/FID**				By: YKD			
7492	XG.2007.1245.9		Diesel Range Organics	ND	mg/Kg	1	25		08-22-07	08-23-07
7080599-001A			**SW846 9056 Anions by Ion Chromatography**				By: MJN			
W07676	WC.2007.2290.7	16887-00-6	Chloride	127	mg/Kg	5	0.5		09-04-07	08-29-07

Sample: ***2 SOUTH OF BLOW OUT 5'*** Collected: *08-17-07 8:15:00* By: *RG*
Matrix: ***SOIL***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
07080599-002A			**SW846 5035B/8015B GRO by GC/FID**				By: RW			
7475	XG.2007.1264.15		Gasoline Range Organics	ND	mg/Kg	1	1	1	08-28-07	08-28-07
07080599-002A			**SW846 5035B/8021B Purgeable VOCs by GC/PID**				By: RW			
7467	XG.2007 1244.8	71-43-2	Benzene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
V07467	XG.2007.1244.8	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005		08-23-07	08-23-07

Report Date: 9/5/2007 4:32:13 PM

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **PHOENIX ENVIRONMENTAL, LLC**

Project: **BOLD ANTELOPE RIDGE #2 FL**

Order: **07080599 PHO01** Receipt: **08-21-07**

Sample: ***2 SOUTH OF BLOW OUT 5'*** Collected: *08-17-07 8:15:00* By: *RG*

Matrix: ***SOIL***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
07080599-002A			SW846 5035B/8021B Purgeable VOCs by GC/PID					By: RW		
V07467	XG.2007.1244.8	95-47-6	o-Xylene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
V07467	XG.2007.1244.8	179601-23-1	p/m-Xylenes	ND	mg/Kg	1	0.01		08-23-07	08-23-07
V07467	XG.2007.1244.8	108-88-3	Toluene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
07080599-002A			SW846 8015B Diesel Range Organics by GC/FID					By: YKD		
S07492	XG.2007.1245.20		Diesel Range Organics	ND	mg/Kg	1	25		08-22-07	08-23-07
07080599-002A			SW846 9056 Anions by Ion Chromatography					By: MJN		
W07676	WC.2007.2290.8	16887-00-6	Chloride	24.4	mg/Kg	10	0.5		09-04-07	08-29-07

Sample: ***3 WEST OF BLOW OUT 5'*** Collected: *08-17-07 8:30:00* By: *RG*

Matrix: ***SOIL***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
07080599-003A			SW846 5035B/8015B GRO by GC/FID					By: RW		
V07475	XG.2007.1264.16		Gasoline Range Organics	ND	mg/Kg	1	1		08-28-07	08-28-07
07080599-003A			SW846 5035B/8021B Purgeable VOCs by GC/PID					By: RW		
V07467	XG.2007.1244.9	71-43-2	Benzene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
V07467	XG.2007.1244 9	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
V07467	XG.2007.1244.9	95-47-6	o-Xylene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
V07467	XG 2007.1244.9	179601-23-1	p/m-Xylenes	ND	mg/Kg	1	0.01		08-23-07	08-23-07
V07467	XG.2007.1244.9	108-88-3	Toluene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
07080599-003A			SW846 8015B Diesel Range Organics by GC/FID					By: YKD		
S07492	XG.2007.1245.21		Diesel Range Organics	ND	mg/Kg	1	25		08-22-07	08-23-07
07080599-003A			SW846 9056 Anions by Ion Chromatography					By: MJN		
W07676	WC.2007.2290.9	16887-00-6	Chloride	221	mg/Kg	10	0.5		09-04-07	08-29-07

Sample: ***4 EAST OF BLOW OUT 10'*** Collected: *08-17-07 8:45:00* By: *RG*

Matrix: ***SOIL***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
07080599-004A			SW846 5035B/8015B GRO by GC/FID					By: RW		
V07475	XG.2007.1264.17		Gasoline Range Organics	ND	mg/Kg	1	1		08-28-07	08-28-07
07080599-004A			SW846 5035B/8021B Purgeable VOCs by GC/PID					By: RW		
V07467	XG.2007.1244.10	71-43-2	Benzene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
V07467	XG.2007.1244.10	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
V07467	XG.2007.1244.10	95-47-6	o-Xylene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
V07467	XG.2007.1244.10	179601-23-1	p/m-Xylenes	ND	mg/Kg	1	0.01		08-23-07	08-23-07
V07467	XG.2007.1244.10	108-88-3	Toluene	ND	mg/Kg	1	0.005		08-23-07	08-23-07

Report Date: 9/5/2007 4:32:13 PM

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **PHOENIX ENVIRONMENTAL, LLC**
Project: **BOLD ANTELOPE RIDGE #2 FL**
Order: **07080599 PHO01** Receipt: **08-21-07**

Sample: ***4 EAST OF BLOW OUT 10'*** Collected: *08-17-07 8:45:00* By: *RG*
Matrix: ***SOIL***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
07080599-004A			SW846 8015B Diesel Range Organics by GC/FID					By: YKD		
S07492	XG 2007.1245.22		Diesel Range Organics	ND	mg/Kg	1	25		08-22-07	08-23-07
07080599-004A			SW846 9056 Anions by Ion Chromatography					By: MJN		
W07676	WC.2007.2290.10	16887-00-6	Chloride	470	mg/Kg	10	0.5		09-04-07	08-29-07

Sample: ***5 BLOW OUT 28'-29'*** Collected: *08-17-07 9:00:00* By: *RG*
Matrix: ***SOIL***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
07080599-005A			SW846 5035B/8015B GRO by GC/FID					By: RW		
X07475	XG.2007.1264.18		Gasoline Range Organics	ND	mg/Kg	1	1		08-28-07	08-28-07
07080599-005A			SW846 5035B/8021B Purgeable VOCs by GC/PID					By: RW		
V07467	XG.2007.1244.11	71-43-2	Benzene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
V07467	XG.2007.1244.11	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
V07467	XG.2007.1244.11	95-47-6	o-Xylene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
V07467	XG.2007.1244.11	179601-23-1	p/m-Xylenes	ND	mg/Kg	1	0.01		08-23-07	08-23-07
V07467	XG.2007.1244.11	108-88-3	Toluene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
07080599-005A			SW846 8015B Diesel Range Organics by GC/FID					By: YKD		
S07492	XG.2007.1245.23		Diesel Range Organics	ND	mg/Kg	1	25		08-22-07	08-23-07
07080599-005A			SW846 9056 Anions by Ion Chromatography					By: MJN		
W07676	WC.2007.2290.11	16887-00-6	Chloride	85.5	mg/Kg	10	0.5		09-04-07	08-29-07

Sample: ***6 30' COMP 10'*** Collected: *08-17-07 9:15:00* By: *RG*
Matrix: ***SOIL***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
07080599-006A			SW846 5035B/8015B GRO by GC/FID					By: RW		
X07475	XG.2007 1264.19		Gasoline Range Organics	ND	mg/Kg	1	1		08-28-07	08-28-07
07080599-006A			SW846 5035B/8021B Purgeable VOCs by GC/PID					By: RW		
V07467	XG.2007.1244.14	71-43-2	Benzene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
V07467	XG.2007.1244.14	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
V07467	XG.2007.1244.14	95-47-6	o-Xylene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
V07467	XG.2007.1244.14	179601-23-1	p/m-Xylenes	ND	mg/Kg	1	0.01		08-23-07	08-23-07
V07467	XG.2007.1244.14	108-88-3	Toluene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
07080599-006A			SW846 8015B Diesel Range Organics by GC/FID					By: YKD		
S07492	XG.2007.1245.24		Diesel Range Organics	ND	mg/Kg	1	25		08-22-07	08-23-07
07080599-006A			SW846 9056 Anions by Ion Chromatography					By: MJN		
W07676	WC.2007.2290.15	16887-00-6	Chloride	158	mg/Kg	10	0.5		09-04-07	08-29-07

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **PHOENIX ENVIRONMENTAL, LLC**

Project: **BOLD ANTELOPE RIDGE #2 FL**

Order: **07080599 PHO01** Receipt: **08-21-07**

Sample: *6 30' COMP 10'* Collected: *08-17-07 9:15:00* By: *RG*

Matrix: *SOIL*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date

Sample: *7 B6 0-6"* Collected: *08-17-07 9:30:00* By: *RG*

Matrix: *SOIL*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
7080599-007A			**SW846 5035B/8015B GRO by GC/FID**					By: RW		
V07475	XG.2007.1264.20		Gasoline Range Organics	ND	mg/Kg	1	1	1	08-28-07	08-28-07
07080599-007A			**SW846 5035B/8021B Purgeable VOCs by GC/PID**					By: RW		
07467	XG.2007.1244.15	71-43-2	Benzene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
07467	XG.2007.1244.15	100-41-4	Ethylbenzene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
V07467	XG.2007.1244.15	95-47-6	o-Xylene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
07467	XG.2007.1244.15	179601-23-1	p/m-Xylenes	ND	mg/Kg	1	0.01		08-23-07	08-23-07
07467	XG.2007.1244.15	108-88-3	Toluene	ND	mg/Kg	1	0.005		08-23-07	08-23-07
7080599-007A			**SW846 8015B Diesel Range Organics by GC/FID**					By: YKD		
S07492	XG.2007.1245.25		Diesel Range Organics	ND	mg/Kg	1	25		08-22-07	08-23-07
07080599-007A			**SW846 9056 Anions by Ion Chromatography**					By: MJN		
W07676	WC.2007.2290.16	16887-00-6	Chloride	ND	mg/Kg	10	0.5		09-04-07	08-29-07

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

[1] Sample was received with headspace.

Report Date: 9/5/2007 4:32:14 PM

ASSAIGAI ANALYTICAL LABORATORIES, INC.

Chain of Custody Record

4301 Masthead N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

3332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-6000

127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Lab Job No. 0708059?? Date

Page 1 of 1

Client: Phoenix Environmental LLC
Address: PO Box 1856
City / State / Zip: Hobbs NM 88240
Project Name / Number: Bold Antelope Ridge #2 FL
Contract / Purchase Order / Quote: RKweaver@Leaco.Net

Project Manager / Contact: Ray Garza
Telephone No.: 505-391-9685
Fax No.: 505-391-9687
Samplers: (signature) Ray Garza

AALI Fraction Number	Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation Temp.	Preservation Chemical	No. of Containers	BTEX	Cl	TPH							Remarks
001A	1 NE of Blowout 5'	8-17-07	8:00am	Soil	4 oz		Ice		X	X	X							
002A	2 South of Blowout 5'		8:15am						X	X	X							
003A	3 West of Blowout 5'		8:30am						X	X	X							
004A	4 East of Blowout 10'		8:45am						X	X	X							
005A	5 Blowout 28'-29'		9:00am						X	X	X							
006A	6 30' ramp 10'		9:15am						X	X	X							
007A	7 B6 0-6"		9:30am						X	X	X							

Relinquished by	Date / Time	Received by	Relinquished by	Date / Time	Received by
Signature: Ray Garza	Date: 8-17-07	Signature: [signature]	Signature:	Date:	Signature:
Printed: Ray Garza	Time: 1000	Printed: S. Tabor	Printed:	Time:	Printed:
Company:		Company: AAL	Company:		Company:
Reason:		Reason:	Reason:		Reason:

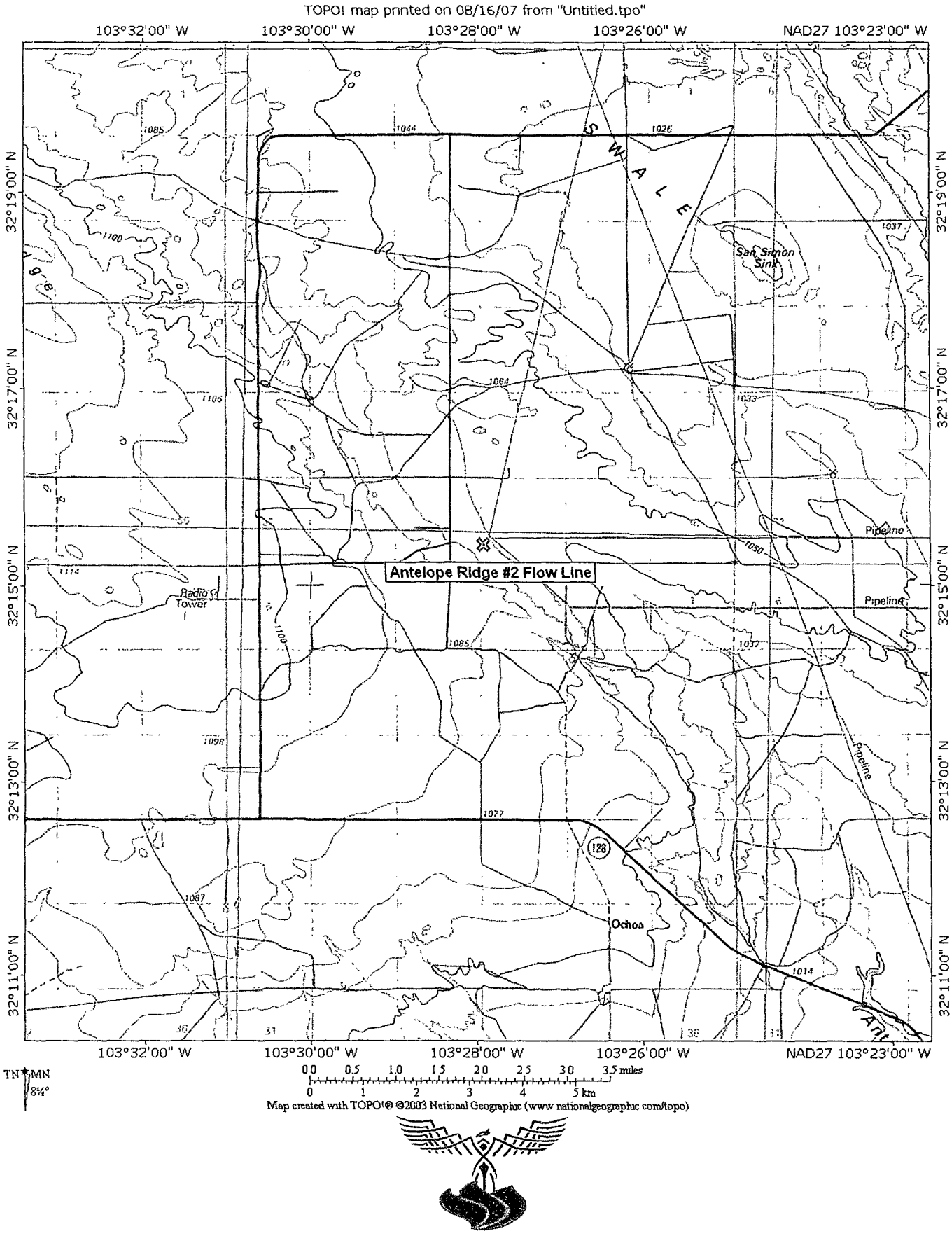
Method of Shipment: Bus
Shipment No.:
Special Instructions:

Comments: Cooler temp 3.?

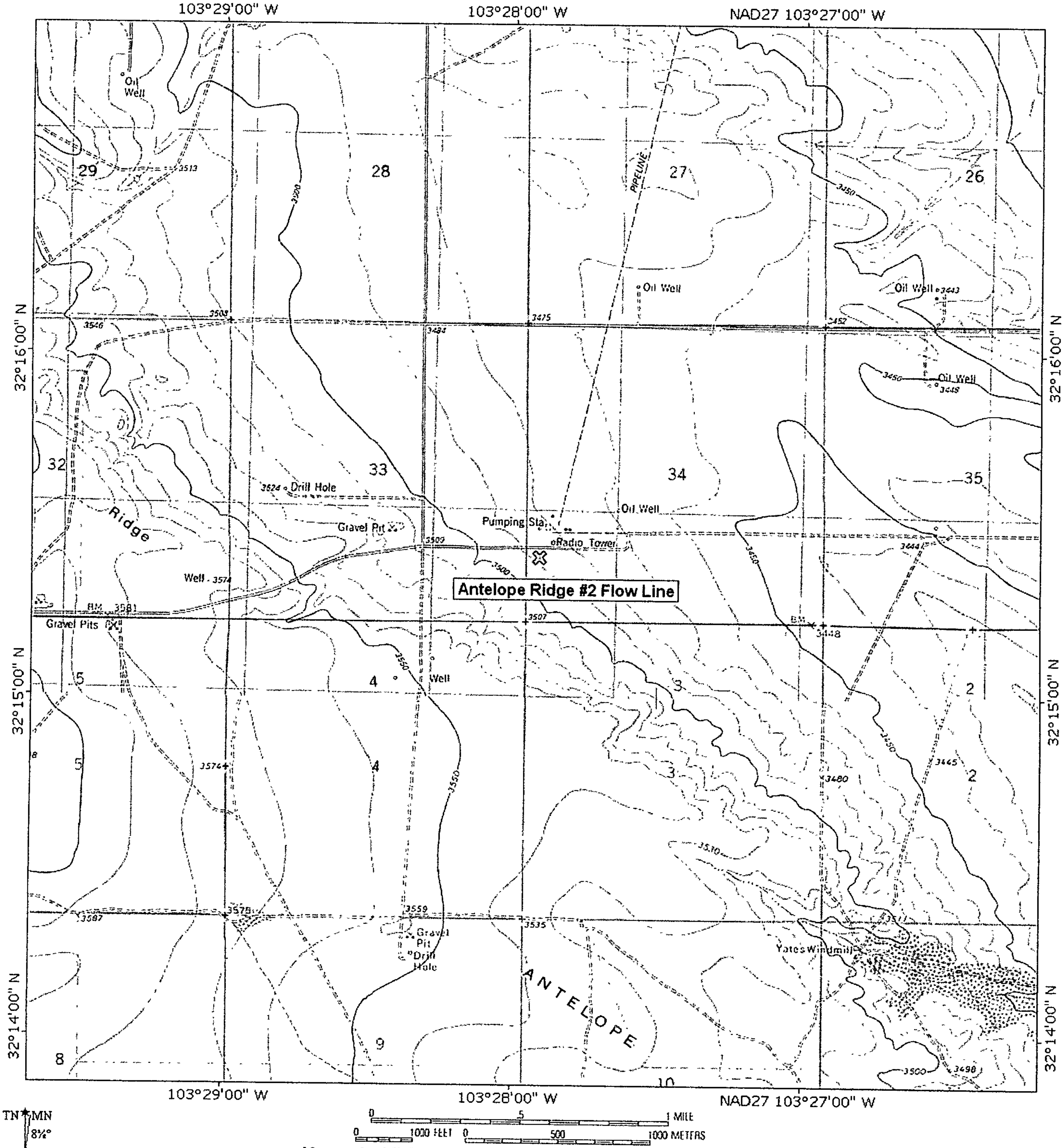
After analysis, samples are to be:
- ☐ Disposed of (additional fee)
- ☐ Stored (30 days max)
- ☐ Stored over 30 days (additional fee)
- ☐ Returned to customer

CARRIER

SECTION IV


TOPO! map printed on 08/16/07 from "Untitled.tpo"
103°32'00" W
103°30'00" W
103°28'00" W
103°26'00" W
NAD27 103°23'00" W
32°19'00" N
32°17'00" N
32°15'00" N
32°13'00" N
32°11'00" N
SWALE
San Simon Sink
Antelope Ridge #2 Flow Line
Radio Tower
Pipeline
Pipeline
Pipeline
128
Ochoa
TN MN
8¾°
0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 miles
0 1 2 3 4 5 km
Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

TOPO! map printed on 08/16/07 from "Untitled.tpo"



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

SECTION V

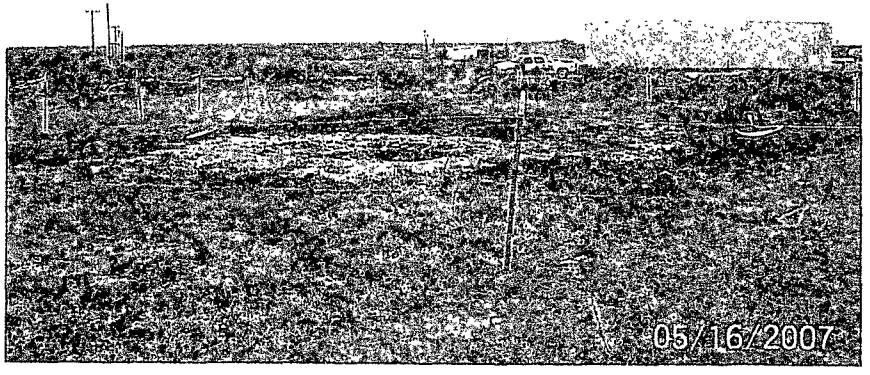


Photo #1 Beginning View of Flow line Blowout

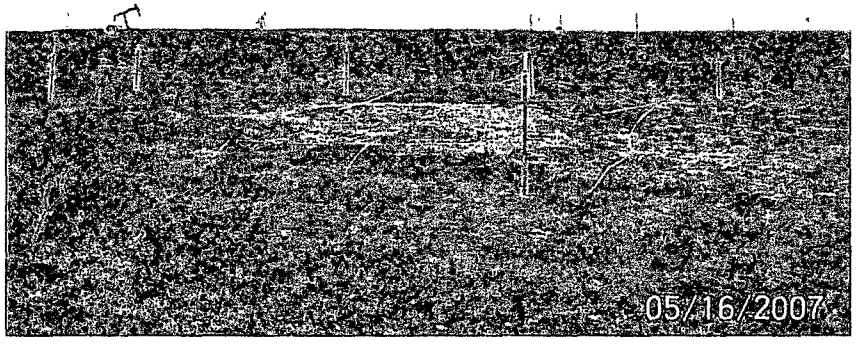


Photo #2 Beginning View of Flow line Blowout

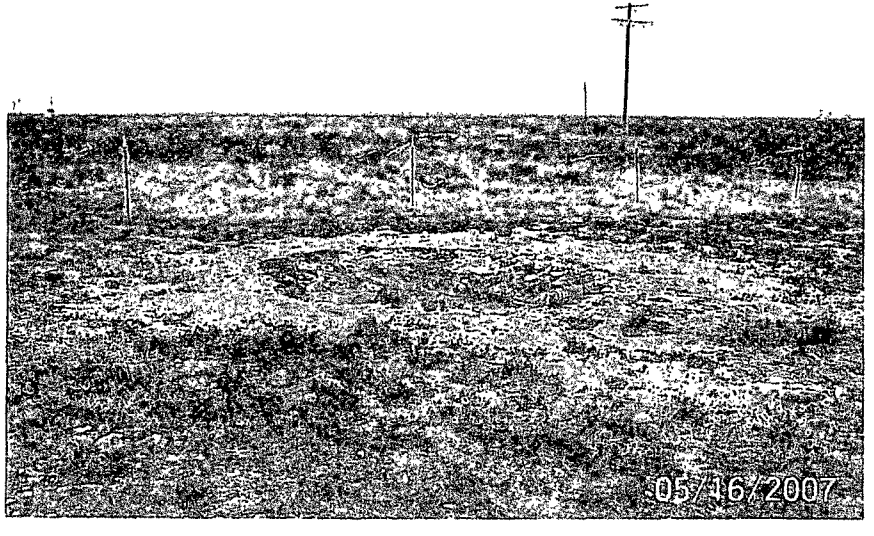


Photo #3 Beginning View of Flow line Blowout

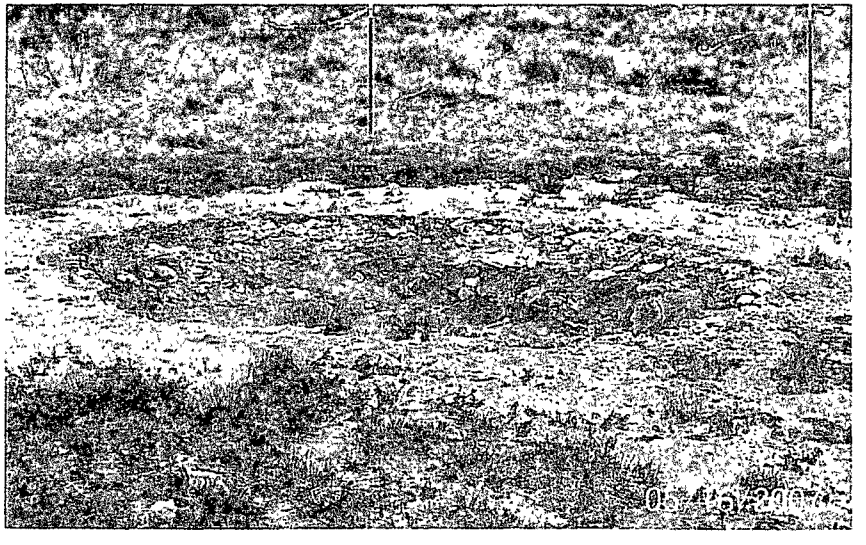


Photo #4 Beginning View of Flow line Blowout

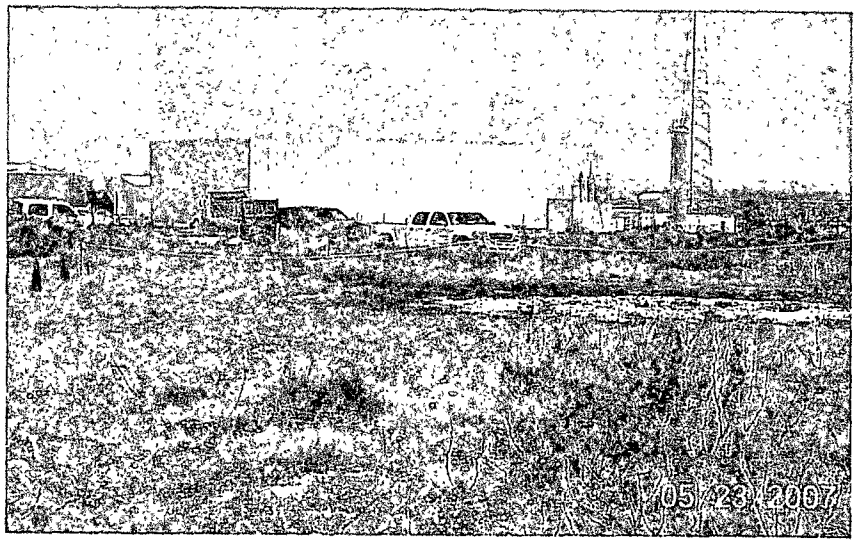


Photo #5 Mobilizing Equipment on Location

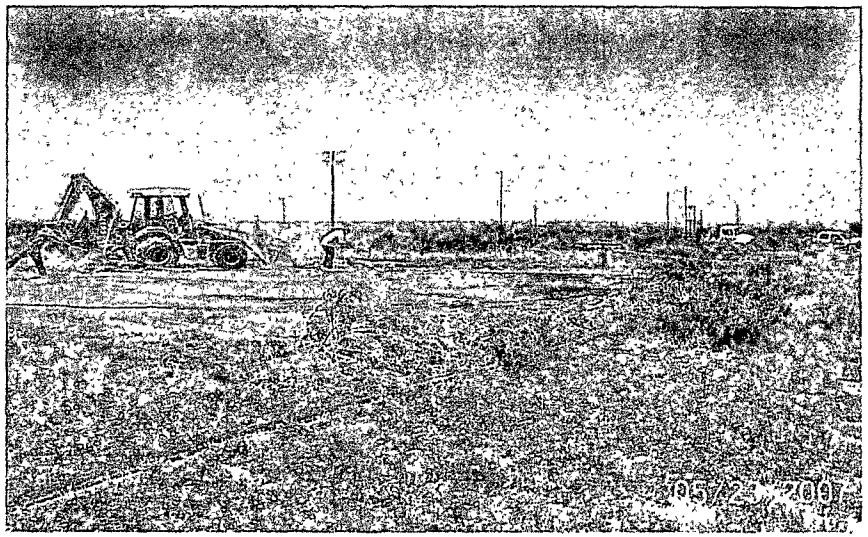


Photo #6 Placing Liner for Stockpiling of Impacted Soils

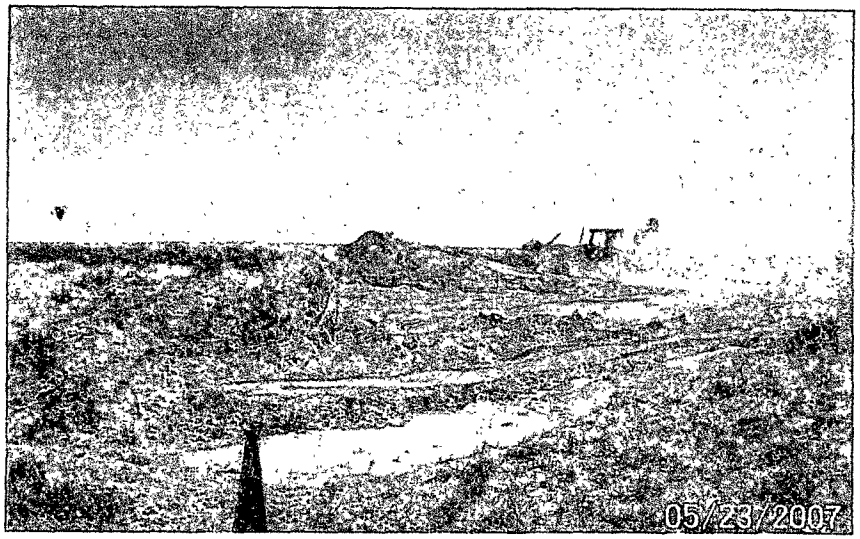


Photo #7 Starting Clean up of Blowout Area

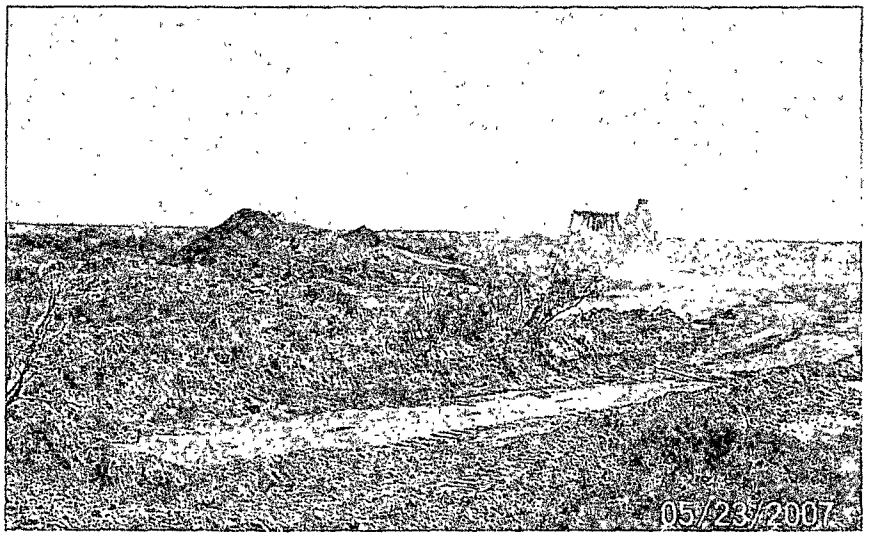


Photo #8 Cleaning up Impacted Soils and Placing on Liner

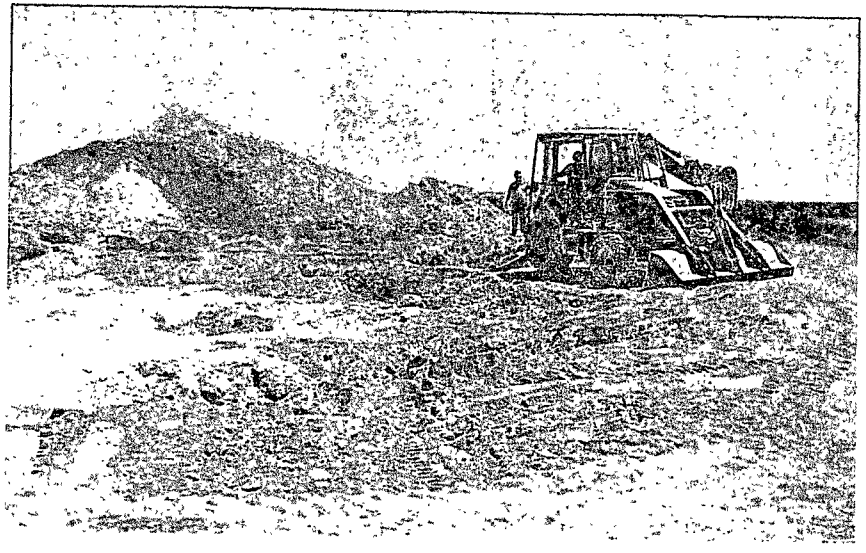


Photo #9 Crew Digging out Flow Line

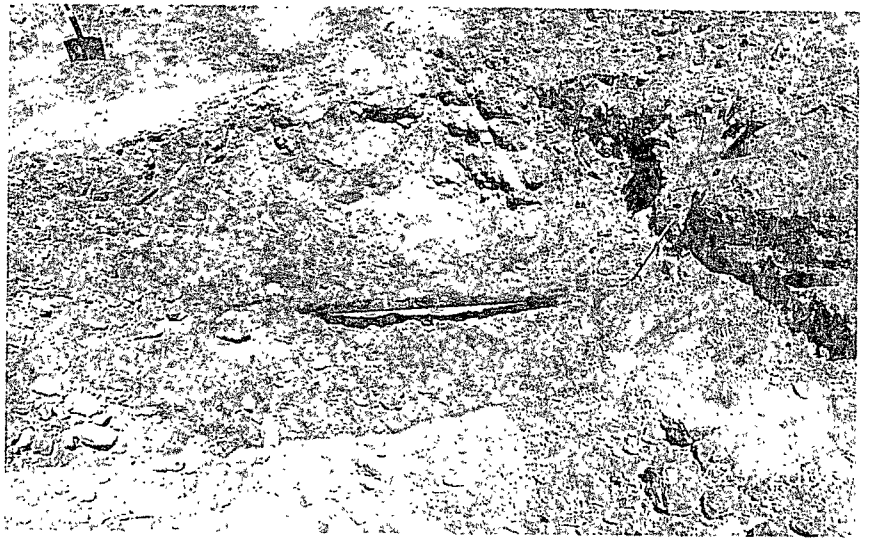


Photo #10 Beginning of Flow Line being Exposed

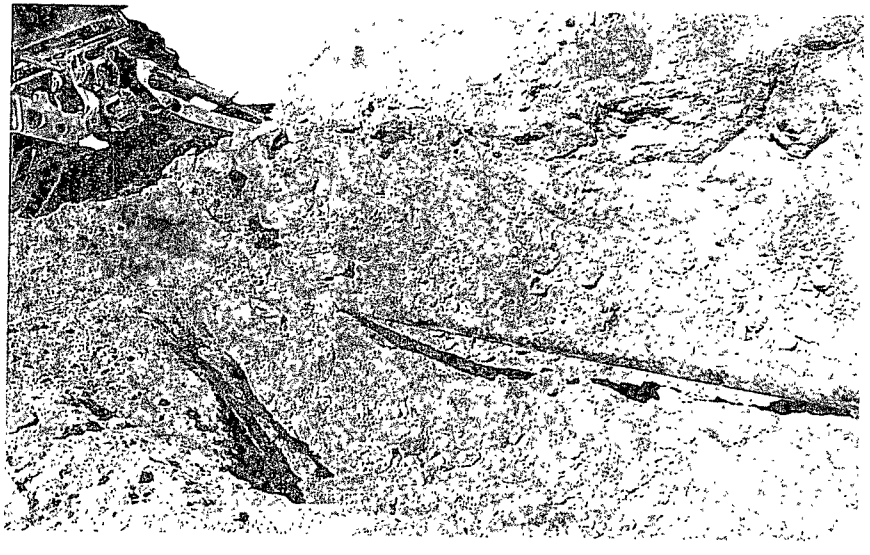


Photo #11 Clearing Soil from Flow Line

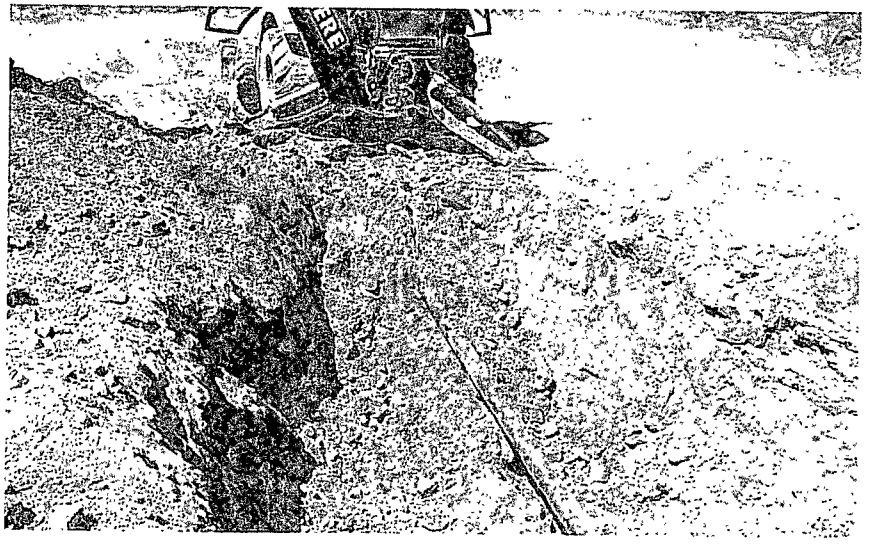


Photo #12 Clearing Soil from Flow Line

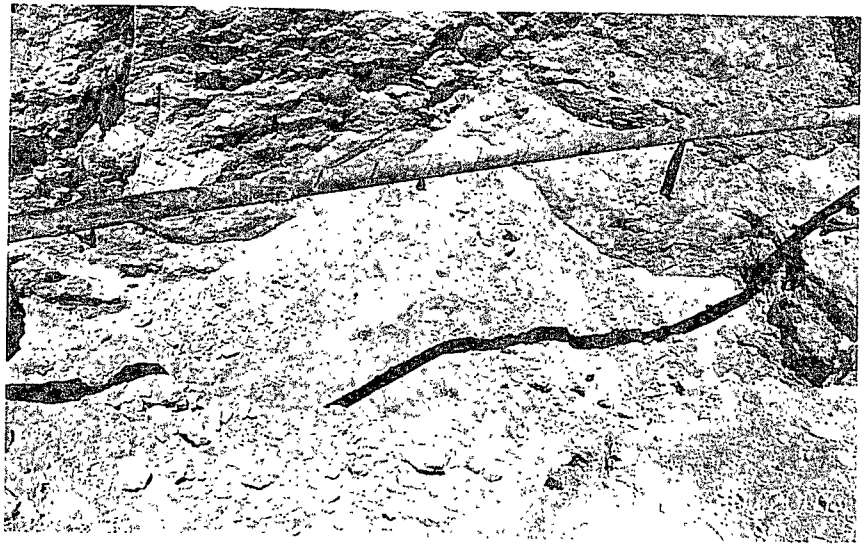


Photo #13 Digging out Impact Soils around Flow Line

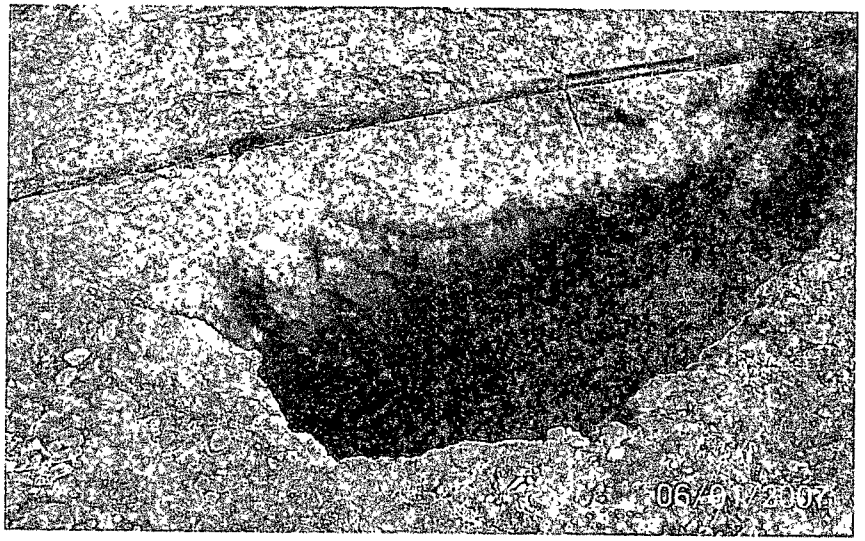


Photo #14 Digging out Impact Soils around Flow Line

Photo #15 Digging out Impact Soils around Flow Line

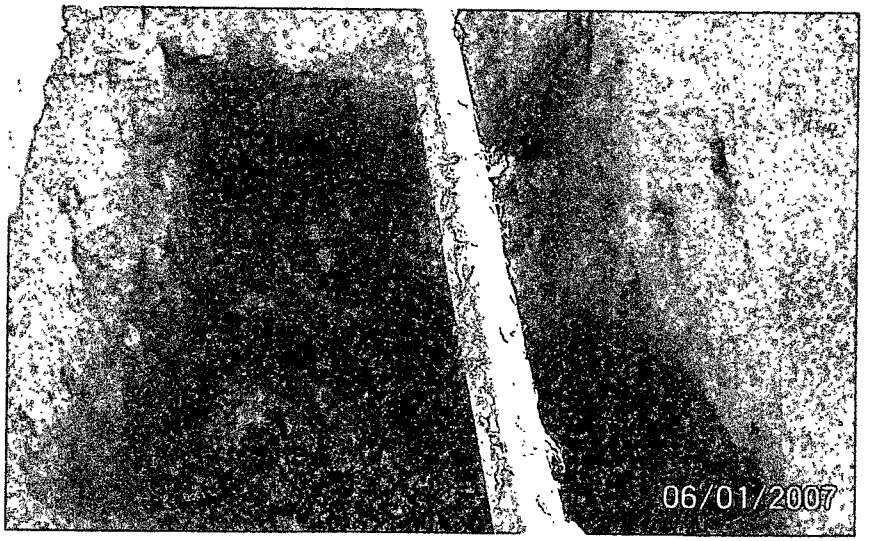


Photo #16 Digging out Impact Soils around Flow Line

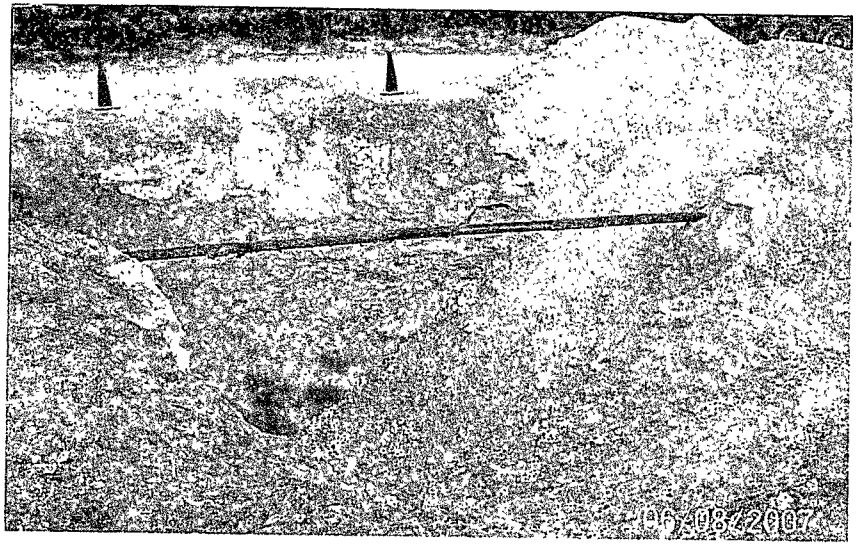


Photo #17 Backfilling Flow Line Blowout Excavation Area

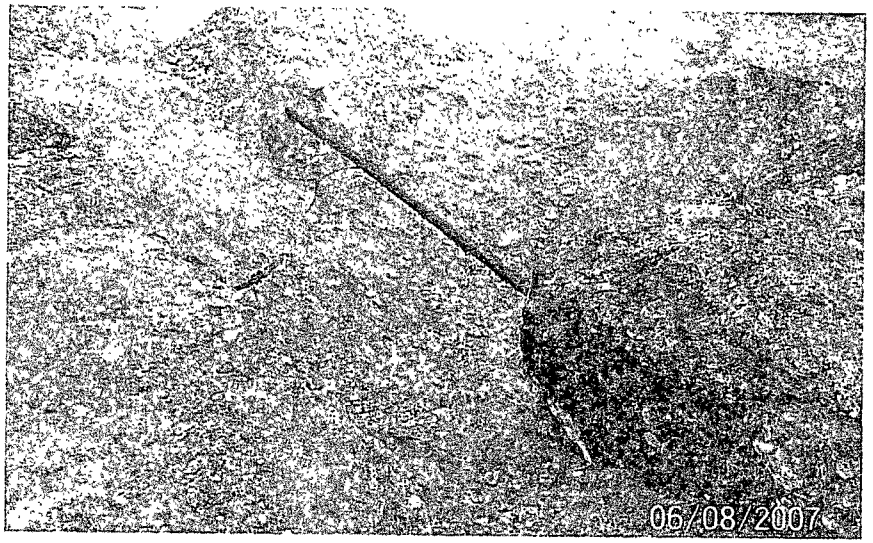


Photo #18 Backfilling Flow Line Blowout Excavation Area

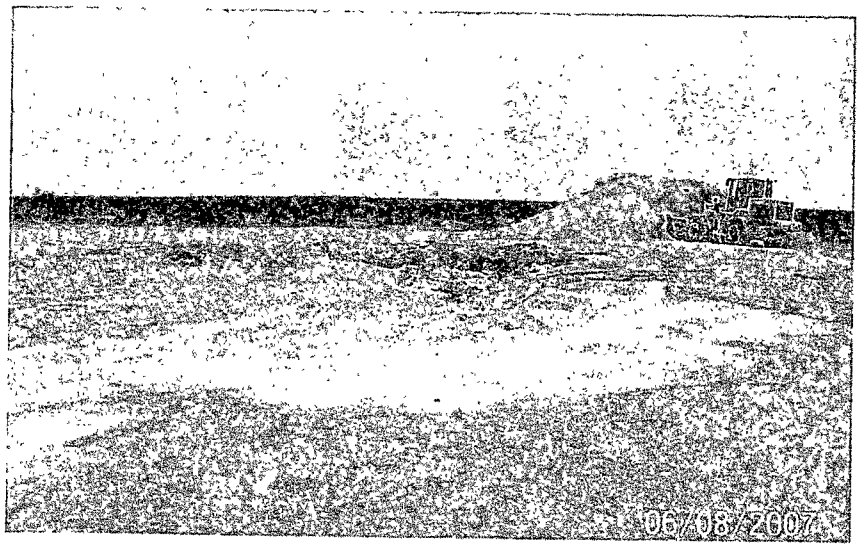


Photo #19 Backfilling Flow Line Blowout Excavation Area

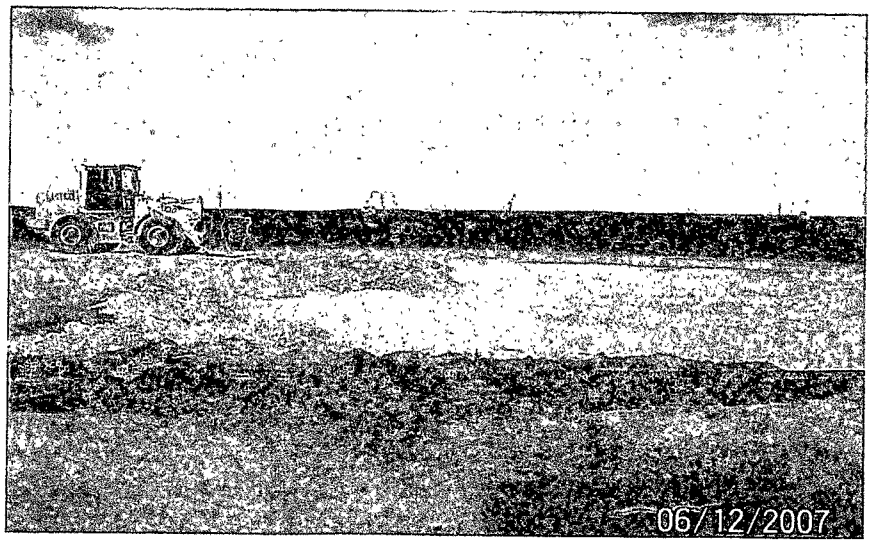


Photo #20 Backfilling Flow Line Blowout Excavation Area

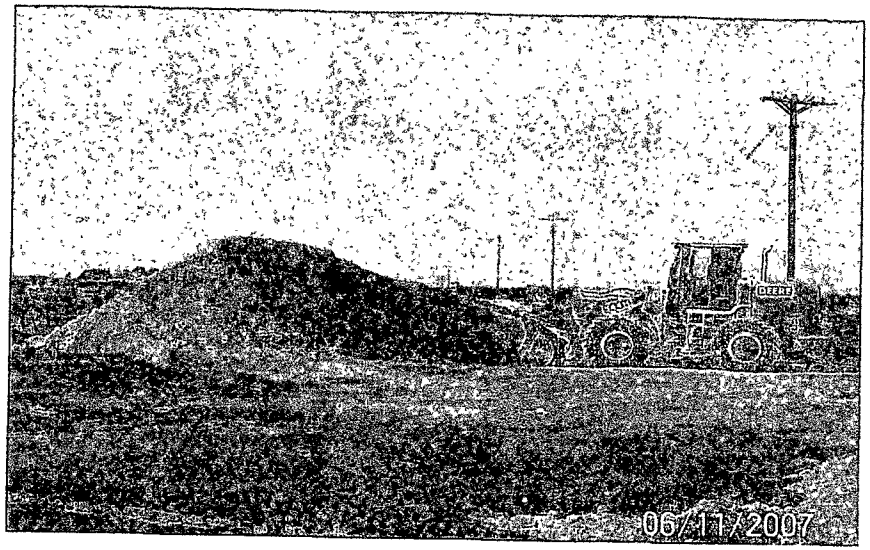


Photo #21 Backfilling and Dressing Location

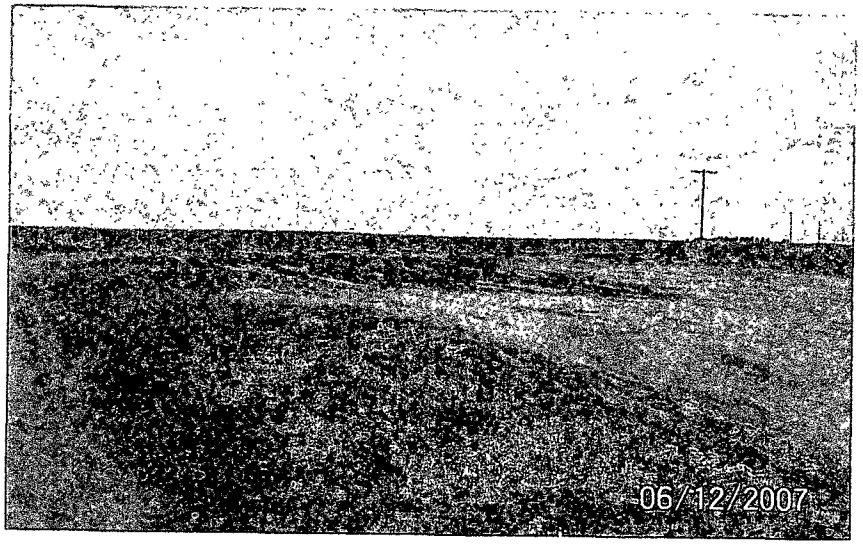


Photo #22 Dressing Location

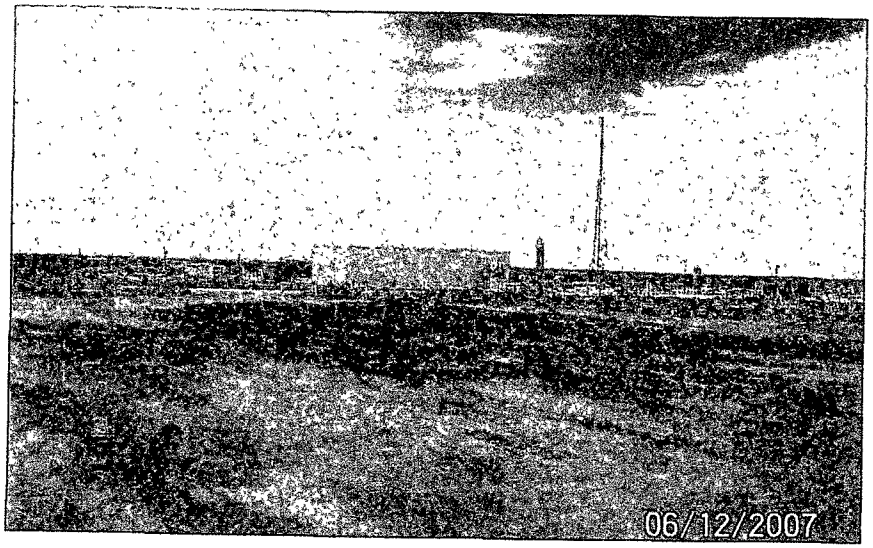


Photo #23 Final View of Location

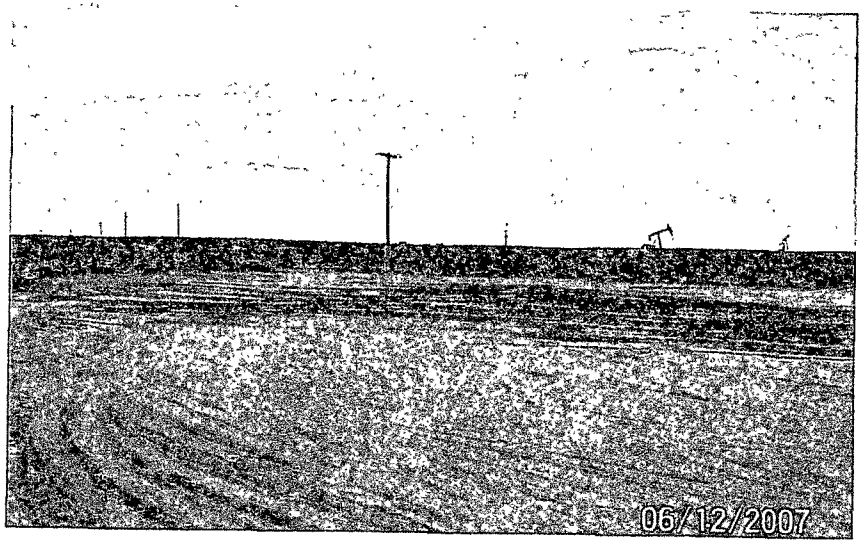


Photo #24 Final View of Location