

1R - 189

**APPROVALS**

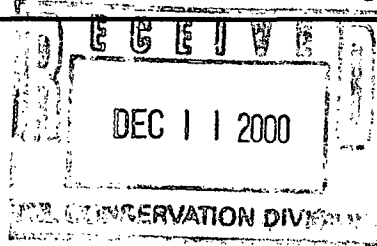
**YEAR(S):**

CLOSED



## Occidental Permian Limited Partnership

580 WestLake Park Blvd.  
Houston, TX 77079  
PO Box 4294  
Houston, TX 77210-4294  
281-552-1000



December 5, 2000

New Mexico Oil Conservation Division  
Attn: Mr. Wayne Price  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505

Re: North Hobbs Unit Well #30-342  
Plugged and Abandoned Well  
UL 'O', Sec 30, T-18-S, R-38-E

1R0189

OK For  
closure  
2/26/01  
J

Dear Mr. Price:

Occidental Permian Limited Partnership is in receipt of your letter dated November 28, 2000, in reference to the closure document for the above-mentioned well site. Per our phone conversation on November 30, 2000, this letter is being sent to correct some of the discrepancies that were noticed in the closure report. One discrepancy is on the lab analysis report from Cardinal Laboratories dated 5/2/00. Under the project location, at the top of the page, the lab has typed in Artesia, NM. The next page in the report is the chain of custody for when the samples were dropped off at the lab and the project location on this form is blank. The lab must have mistaken the word Altura for the word Artesia. There is no other explanation available, because the Hobbs RMT takes care of no wells outside of the Hobbs area.

You also requested copies of disposal manifests for the soil taken to the Sundance Services, Parabo facility in Eunice, NM. Please see attached copies of the Parabo facilities summation of all impacted soil received from this site. The total amount being 2,076 cubic yards of soil. The report shows this amount to be 1,040 cubic yards of soil. The report is being amended by Rhino Environmental, see attached. The person completing the closure report was working off another person's notes and the wrong amount was originally put into the closure report.

Your final request was to provide bottom hole results for TPH, BTEX, and Chlorides, and to include approximate depths and location in the excavation where the samples were collected. All analysis data included in the closure report is bottom hole data. The first analysis report dated 5-2-00 at the bottom of the page were taken from a depth of 25' to 30' estimated. The north wall sample was taken north of the well head along the north side of excavation. The west wall sample was taken west of the well head along the west side of the excavation. The sample labeled bottom was taken approximately 2' south east of the well head. The sample data shows that the north wall samples, for TPH and BTEX, were still above NMOCD spill guidelines so the excavation was enlarged further to the north and slightly east. The analysis report dated 6-22-00 at the bottom of the page is the next sample taken. This sample was taken

December 5, 2000

Page 2

after a dark spot was excavated out of the excavation approximately 15 to 20' further to the north. The sample was taken at the same depth of 25' to 30' estimated. The data shows that the TPH and BTEX were within NMOCD spill guideline levels. This sample was also in question to whether it was taken from the bottom or side due to the name given to it by the person delivering the sample to the lab. The sample was gathered from the bottom of the hole along the north wall of the excavation, after the dark spot was excavated. When the TPH and BTEX results came back from this sample, the lab was instructed to use the remaining soil from this sample to take a chloride sample. The analysis report dated 7-13-00, shows the results of the chloride test. Since the remaining soil from the previous sample was used, the sample reflects the same name.

Mr. Price I hope that the above explanation of your concerns about the closure report for NHU #30-342 have all been addressed with this letter. If you have any questions or if I can be of further assistance on this matter please do not hesitate to write, or call me at 505-397-8251.

Sincerely;

A handwritten signature in black ink that reads "STEVEN M. BISHOP". The signature is written in a cursive, flowing style.

Steven M. Bishop

Cc: Ms. Donna Williams, OCD Hobbs

Attachments- Sundance Services, summation of soil hauled (3 pages)  
Rhino Environmental Services, copy of amended report

Tuesday, December 05, 2000

ALTURA

Page 1

Date	Transporter	Producer	Lease & Well	Ticket #	Barrels
4/6/00	RHINO	ALTURA	NHU 30-342	27436	20.00
4/6/00	RHINO	ALTURA	NHU 30-342	27452	20.00
4/6/00	RHINO	ALTURA	NHU 30-342	27458	20.00
4/6/00	RHINO	ALTURA	NHU 30-342	27463	20.00
4/6/00	RHINO	ALTURA	NHU 30-342	27466	20.00
4/6/00	RHINO	ALTURA	NHU 30-342	27472	20.00
4/6/00	RHINO	ALTURA	NHU 30-342	27476	20.00
4/6/00	RHINO	ALTURA	NHU 30-342	27489	20.00
4/6/00	RHINO	ALTURA	NHU 30-342	27491	20.00
4/6/00	RHINO	ALTURA	NHU 30-342	27498	20.00
4/6/00	RHINO	ALTURA	NHU 30-342	27499	20.00
4/6/00	RHINO	ALTURA	NHU 30-342	27505	20.00
4/6/00	RHINO	ALTURA	NHU 30-342	27506	20.00
4/6/00	RHINO	ALTURA	NHU 30-342	27514	20.00
4/18/00	RHINO	ALTURA	NHU 30-342	28048	20.00
4/18/00	RHINO	ALTURA	NHU 30-342	28063	20.00
4/18/00	RHINO	ALTURA	NHU 30-342	28069	20.00
4/19/00	RHINO	ALTURA	NHU 30-342	28076	20.00
4/19/00	RHINO	ALTURA	NHU 30-342	28081	20.00
4/19/00	RHINO	ALTURA	NHU 30-342	28088	20.00
4/19/00	RHINO	ALTURA	NHU 30-342	28093	20.00
4/19/00	RHINO	ALTURA	NHU 30-342	28096	20.00
4/19/00	RHINO	ALTURA	NHU 30-342	28099	20.00
4/20/00	RHINO	ALTURA	NHU 30-342	28104	20.00
4/20/00	RHINO	ALTURA	NHU 30-342	28109	20.00
4/20/00	RHINO	ALTURA	NHU 30-342	28118	20.00
4/20/00	RHINO	ALTURA	NHU 30-342	28121	20.00
4/20/00	RHINO	ALTURA	NHU 30-342	28125	20.00
4/24/00	RHINO	ALTURA	NHU 30-342	28160	20.00
4/24/00	RHINO	ALTURA	NHU 30-342	28166	20.00
4/24/00	RHINO	ALTURA	NHU 30-342	28170	20.00
4/24/00	RHINO	ALTURA	NHU 30-342	28172	20.00
4/24/00	RHINO	ALTURA	NHU 30-342	28175	20.00
4/24/00	RHINO	ALTURA	NHU 30-342	28179	20.00
4/25/00	RHINO	ALTURA	NHU 30-342	28181	20.00
4/25/00	RHINO	ALTURA	NHU 30-342	28185	20.00
4/25/00	RHINO	ALTURA	NHU 30-342	28190	20.00
4/25/00	RHINO	ALTURA	NHU 30-342	28194	20.00
4/25/00	RHINO	ALTURA	NHU 30-342	28202	20.00

Sum(Barrels) : 780.00

Tuesday, December 05, 2000

ALTURA

Page 2

Date	Transporter	Producer	Lease & Well	Ticket #	Barrels
4/25/00	RHINO	ALTURA	NHU 30-342	28205	20.00
4/26/00	RHINO	ALTURA	NHU 30-342	28206	20.00
4/26/00	RHINO	ALTURA	NHU 30-342	28209	20.00
4/26/00	RHINO	ALTURA	NHU 30-342	28211	20.00
4/26/00	RHINO	ALTURA	NHU 30-342	28215	20.00
4/26/00	RHINO	ALTURA	NHU 30-342	28221	20.00
4/26/00	RHINO	ALTURA	NHU 30-342	28225	20.00
4/27/00	RHINO	ALTURA	NHU 30-342	28229	20.00
4/27/00	RHINO	ALTURA	NHU 30-342	28231	20.00
4/27/00	RHINO	ALTURA	NHU 30-342	28236	20.00
4/27/00	RHINO	ALTURA	NHU 30-342	28245	20.00
4/28/00	RHINO	ALTURA	NHU 30-342	28263	12.00
4/28/00	RHINO	ALTURA	NHU 30-342	28268	12.00
4/28/00	RHINO	ALTURA	NHU 30-342	28269	12.00
5/17/00	RHINO	ALTURA	NHU 30-342	28698	12.00
5/17/00	RHINO	ALTURA	NHU 30-342	28699	12.00
5/17/00	RHINO	ALTURA	NHU 30-342	28704	12.00
5/17/00	RHINO	ALTURA	NHU 30-342	28706	12.00
5/17/00	RHINO	ALTURA	NHU 30-342	28712	12.00
5/18/00	RHINO	ALTURA	NHU 30-342	28724	12.00
5/18/00	RHINO	ALTURA	NHU 30-342	28729	12.00
5/18/00	RHINO	ALTURA	NHU 30-342	28736	12.00
5/19/00	RHINO	ALTURA	NHU 30-342	28747	12.00
5/19/00	RHINO	ALTURA	NHU 30-342	28770	12.00
5/19/00	RHINO	ALTURA	NHU 30-342	28776	12.00
5/30/00	RHINO	ALTURA	NHU 30-342	28951	12.00
5/30/00	RHINO	ALTURA	NHU 30-342	28957	12.00
5/30/00	RHINO	ALTURA	NHU 30-342	28964	20.00
6/1/00	RHINO	ALTURA	NHU 30-342	29032	20.00
6/1/00	RHINO	ALTURA	NHU 30-342	29037	20.00
6/1/00	RHINO	ALTURA	NHU 30-342	29045	20.00
6/2/00	RHINO	ALTURA	NHU 30-342	29058	12.00
6/2/00	RHINO	ALTURA	NHU 30-342	29068	12.00
6/5/00	RHINO	ALTURA	NHU 30-342	29117	20.00
6/5/00	RHINO	ALTURA	NHU 30-342	29118	20.00
6/5/00	RHINO	ALTURA	NHU 30-342	29126	20.00
6/5/00	RHINO	ALTURA	NHU 30-342	29129	20.00
6/5/00	RHINO	ALTURA	NHU 30-342	29134	20.00
6/5/00	RHINO	ALTURA	NHU 30-342	29136	20.00
6/5/00	RHINO	ALTURA	NHU 30-342	29138	20.00

Sum(Barrels):

856.00

Tuesday, December 05, 2000

ALTURA

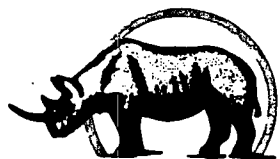
Page 3

Date	Transporter	Producer	Lease & Well	Ticket #	Barrels
6/5/00	RHINO	ALTURA	NHU 30-342	29139	20.00
6/6/00	RHINO	ALTURA	NHU 30-342	29154	20.00
6/6/00	RHINO	ALTURA	NHU 30-342	29157	20.00
6/6/00	RHINO	ALTURA	NHU 30-342	29164	20.00
6/6/00	RHINO	ALTURA	NHU 30-342	29166	20.00
6/6/00	RHINO	ALTURA	NHU 30-342	29168	20.00
6/6/00	RHINO	ALTURA	NHU 30-342	29173	20.00
6/6/00	RHINO	ALTURA	NHU 30-342	29178	20.00
6/6/00	RHINO	ALTURA	NHU 30-342	29182	20.00
6/7/00	RHINO	ALTURA	NHU 30-342	29207	20.00
6/7/00	RHINO	ALTURA	NHU 30-342	29213	20.00
6/8/00	RHINO	ALTURA	NHU 30-342	27235	20.00
6/8/00	RHINO	ALTURA	NHU 30-342	29224	20.00
6/8/00	RHINO	ALTURA	NHU 30-342	29227	20.00
6/8/00	RHINO	ALTURA	NHU 30-342	29243	20.00
6/8/00	RHINO	ALTURA	NHU 30-342	29244	20.00
6/8/00	RHINO	ALTURA	NHU 30-342	29252	20.00
6/8/00	RHINO	ALTURA	NHU 30-342	29254	20.00
6/8/00	RHINO	ALTURA	NHU 30-342	29266	20.00
6/8/00	RHINO	ALTURA	NHU 30-342	29268	20.00
6/8/00	RHINO	ALTURA	NHU 30-342	29272	20.00
6/9/00	RHINO	ALTURA	NHU 30-342	29277	20.00
6/13/00	RHINO	ALTURA	NHU 30-342	29328	20.00
6/13/00	RHINO	ALTURA	NHU 30-342	29339	20.00
6/13/00	RHINO	ALTURA	NHU 30-342	29351	20.00
6/13/00	RHINO	ALTURA	NHU 30-342	29364	20.00
6/13/00	RHINO	ALTURA	NHU 30-342	29376	20.00
6/14/00	RHINO	ALTURA	NHU 30-342	29392	20.00
6/14/00	RHINO	ALTURA	NHU 30-342	29408	20.00
6/14/00	RHINO	ALTURA	NHU 30-342	29417	20.00
6/14/00	RHINO	ALTURA	NHU 30-342	29421	20.00
6/14/00	RHINO	ALTURA	NHU 30-342	29429	20.00

Sum(Barrels) : 640.00

2076.00

27-  
22VCOBRCST  
LH  
11/11/00



# RHINO

**Environmental Services, Inc.**

P.O. Box 25547 • Albuquerque, New Mexico 87125

Phone (505) 247-4646 • Fax (505) 797-4874

December 6, 2000

Oxy-Permian  
1017 West Stanolind Road  
Hobbs, New Mexico 88240

Attn.: Mr. Steve Bishop

**Re: Amended Letter for the Final Report for NHU # 30-342**

Dear Mr. Bishop:

Rhino Environmental Services, Inc. (Rhino) would like to take this time to thank you and Oxy-Permian for the opportunity to provide our professional services for the above listed project. Please find in the following a brief summary to correct the findings at the site.

### **Summary**

In the final report there were some discrepancies as to the yardages that were taken off site for disposal at Sundance, Parabo Facility that is an NMOCD permitted and approved facility located in Lea County, New Mexico. The size of the excavation was 50' x 60' x 30' in depth. This will yield an estimated total yardage of 3,333 yd<sup>3</sup> that was excavated from the site.

To correct the final report, there was 2,076 yd<sup>3</sup> of impacted soils that were taken off site for disposal. The remaining yardage of 1,257 yd<sup>3</sup> was overburden that was removed to access the lower impacted soils at the site. These overburden soils were stockpiled separately to be reused as fill for the excavation.



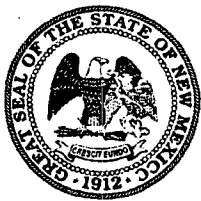
**RHINO ENVIRONMENTAL SERVICES, INC.**

If you have any questions and/or require more data in regards to this matter,  
please call at any time 505-392-4498.

Sincerely,

Allen Hodge, REM  
Sr. Project Manager  
Rhino Environmental Services, Inc.





# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**

Governor

**Jennifer A. Salisbury**

Cabinet Secretary

**Lori Wrotenbery**

Director

**Oil Conservation Division**

November 28, 2000

**CERTIFIED MAIL**

**RETURN RECEIPT NO. 5051 4812**

Mr. Steven M. Bishop  
OXY Occidental Permian Limited Partnership  
Hobbs RMT  
1017 W. Stanolind Rd  
Hobbs, New Mexico 88240

Re: North Hobbs Unit Well #30-342  
Plugged and Abandoned Well  
UL O, Sec 30-Ts18s-R38e

Dear Mr. Bishop:

The New Mexico Oil Conservation Division (OCD) is in receipt of the closure document dated November 15, 2000 for the above captioned site. In order for OCD to properly evaluate this site for closure please provide copies of the disposal manifests, the bottom hole results for BTEX, TPH and Chlorides. Please include the approximate depth and location in the excavated hole where the samples were collected. The analysis supplied appears to be for an Artesia site and does not include bottom hole results for chlorides.

Please provide this information by December 15, 2000.

If you have any questions please call me at 505-827-7155.

Sincerely;

A handwritten signature in black ink, appearing to read "Wayne Price-Pet".

Wayne Price-Pet. Engr. Spec.

Cc: OCD Hobbs Office

Attachments-



## Occidental Permian Limited Partnership

580 WestLake Park Blvd.  
Houston, TX 77079  
PO Box 4294  
Houston, TX 77210-4294  
281-552-1000

November 15, 2000

New Mexico Oil Conservation Division  
Attn: Wayne Price  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505

Re: North Hobbs Unit Well #30-342  
Plugged and Abandoned Well  
UL O, Sec 30, T-18-S, R-38-E

Dear Mr. Price

Occidental Permian Limited Partnership is submitting for your record the attached documentation for the remediation of the subject PXA well. Please see the attached documentation demonstrating that contaminants have been removed, from around the wellbore, to a sufficient level to avoid any further migration. If you have further questions, or need assistance on any of the attached documentation, please do not hesitate to write or call me at (505) 397-8251.

Sincerely,

Steven M. Bishop  
HES Tech

CC: Ms. Donna Williams, NMOCD Hobbs  
Mr. Gary Schubert, Landowner

*Presented To:*

# **OXY-PERMIAN**

1017 West Stanolind Road  
Hobbs NM 88240

**NHU #30-342**

## **Abandoned Well Site Remediation Report**

*Prepared By:*

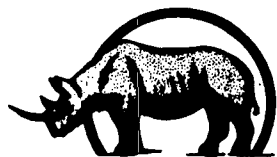
**Rhino Environmental Services, Inc.**

PO Box 57180  
Albuquerque, New Mexico 87187-7180

# ***INDEX***

- Part 1      Job Overview and Summary**
- Part 2      Laboratory Analysis for NMOCD Confirmation**
- Part 3      Photos of Various Stages of Work at the Site**

## ***Job Overview and Summary***



# RHINO

**Environmental Services, Inc.**

P.O. Box 25547 • Albuquerque, New Mexico 87125

Phone (505) 247-4646 • Fax (505) 797-4874

October 10, 2000

Oxy-Permian  
1017 West Stanolind Road  
Hobbs NM 88240

ATTN: MR. STEVE BISHOP

RE: NHU #30-342 ABANDONED WELL SITE REMEDIATION

Dear Mr. Bishop:

Rhino Environmental Services, Inc. (Rhino) would like to take this time to thank you and Oxy-Permian for the opportunity to provide our professional services for the above listed project. Please find in the following a brief summary of the findings at the site.

### Summary

In May, 2000, Rhino mobilized to the NHU #30-342 equipment and personnel necessary to complete the remediation of the abandoned well site. Utilizing a trackhoe to excavate the impacted soils, the cellar area was excavated to 50' x 60' x 30' in depth to address the concerns of the NMOCD for final abandonment of oilfield facilities. There were 1,040 cyds of impacted soils that were removed offsite for disposal at Sundance, Parabo Facility that is an NMOCD permitted and approved facility located in Lea County, New Mexico.

Once remediation operations were completed, final bottom samples were taken and sent to third-party lab to confirm that all the concerns of the NMOCD had been addressed for remediation of abandoned oilfield facilities.

After reviewing the final lab analysis from the site, that confirmed all concerns of the NMOCD had been met. The site was then backfilled with clean fill material from Gary Schubert's farm to grade and dressed off with a slight crown to prevent ponding of water. Once backfilling was complete, the road and the rest of the old pad was ripped and the roads blocked with a berm to prevent site access. Due to the time of the year, the site will be reseeded at a later date. At this point, remediation operations had been completed and the job finished. Please find attached lab analysis and site photos for this project.

Oxy-Permian  
NHU #30-342 Abandoned Well Site Remediation  
RH00-AH33



## RHINO ENVIRONMENTAL SERVICES, INC.

Should you have any questions or need further information, please feel free to contact me.

Respectfully,

*Terry Mohler (RM)*

Terry Mohler  
Project Manager  
Rhino Environmental Services, Inc.

# ***Laboratory Analysis***

*NMOCD Confirmation  
Final Bottom Samples*





PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

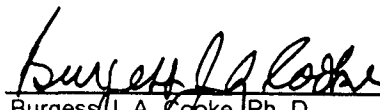
ANALYTICAL RESULTS FOR  
ALTURA ENERGY LTD.  
ATTN: STEVE BISHOP  
1018 W. STANOLIND  
HOBBS, NM 88240  
FAX TO:

Receiving Date: 06/20/00  
Reporting Date: 06/22/00  
Project Number: NOT GIVEN  
Project Name: 30-342  
Project Location: W. SANGER

Sampling Date: 06/16/00  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: BC

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		06/21/00	06/21/00	06/20/00	06/20/00	06/20/00	06/20/00
H4953-1	N. SIDE WALL	<50	<50	<0.005	<0.005	<0.005	<0.015
Quality Control:		790	836	0.096	0.102	0.103	0.310
True Value QC		800	800	0.100	0.100	0.100	0.300
% Recovery		98.7	105	95.6	102	103	103
Relative Percent Difference		2.5	6.7	4.1	5.8	1.4	2.0

METHODS: TPH GRO & DRO - EPASW-846 8015 M; BTEX - SW-846 8260.

  
Burgess J. A. Cooke, Ph. D.

6/22/00  
Date

H4953.XLS  
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

**ARDINAL LABORATORIES, INC.**

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240  
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page of

[illegible]

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.



PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
ALTURA ENERGY LTD.  
ATTN: STEVE BISHOP  
1018 W. STANOLIND  
HOBBS, NM 88240  
FAX TO:

Receiving Date: 06/20/00  
Reporting Date: 07/13/00  
Project Number: NOT GIVEN  
Project Name: 30-342  
Project Location: W. SANGER

Analysis Date: 06/23/00  
Sampling Date: 06/16/00  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: AH

LAB NUMBER	SAMPLE ID	Cl <sup>-</sup> (mg/Kg)
H4953-1	N. SIDEWALL	128
Quality Control		980
True Value QC		1000
% Recovery		98.0
Relative Percent Difference		6.0

METHOD: Standard Methods

4500-Cl<sup>-</sup>B

NOTE: Analysis performed on a 1:4 w:v aqueous extract.

  
Chemist

  
Date

H4953B.XLS

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



# ARDINAL LABORATORIES

PHONE (915) 873-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

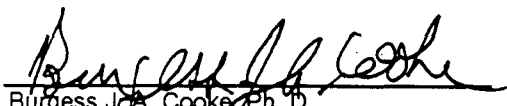
ANALYTICAL RESULTS FOR  
RHINO ENVIRONMENTAL  
ATTN: TERRY MOHLER  
4007 LOVINGTON HWY.  
HOBBS, NM 88240  
FAX TO:

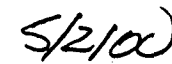
Receiving Date: 05/01/00  
Reporting Date: 05/02/00  
Project Owner: ALTURA  
Project Name: ~~33-342~~ 30-342  
Project Location: ARTESIA, NM

Sampling Date: 05/01/00  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: BC

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		05/01/00	05/01/00	05/02/00	05/02/00	05/02/00	05/02/00
H4840-1	N. WALL	97.0	2960	<0.005	<0.005	<0.005	<0.015
H4840-2	W. WALL	<50	91.9	<0.005	<0.005	<0.005	<0.015
H4840-3	BOTTOM	<50	65.3	<0.005	<0.005	<0.005	<0.015
Quality Control		1966	1907	0.091	0.094	0.097	0.291
True Value QC		2000	2000	0.100	0.100	0.100	0.300
% Recovery		98.3	95.4	91.3	94.5	96.6	97.0
Relative Percent Difference		6.6	6.9	0.7	3.0	2.0	0.9

METHODS: TPH(GRO & DRO) - EPA SW-846 8015 M; BTEX/MTBE-EPA SW-846 8260

  
Burgess J. A. Cooke, Ph. D.

  
Date

H4840.XLS  
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

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[illegible]

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

# ***Site Photos***

*Various Stages of Work at the Site*



*Site Photos*







*Site Photos*







*Site Photos*







*Site Photos*





*Site Photos*

