

1R - 157

**GENERAL  
CORRESPONDENCE**

**YEAR(S):**

---

1995-1992

**ENRON**  
**OPERATIONS CORP.**

P. O. Box 1188 Houston, Texas 77251-1188 (713) 853-6161

RECEIVED  
OIL CONSERVATION  
DIVISION  
JAN 10 1995  
10 2 52

**VIA CERTIFIED MAIL: P 362 442 889**

January 10, 1995

Mr. Roger Anderson  
Environmental Engineer  
State of New Mexico  
Oil Conservation Division  
2040 S. Pacheco St.  
Santa Fe, New Mexico 87505

Subject: Change of Ownership

Dear Mr. Anderson:

The object of this letter is to advise the New Mexico Oil Conservation Division that effective December 29, 1994, ENRON / Northern Natural Gas Company has completed the sale of the following properties to GPM:

1. Hobbs Gas Plant
2. Hobbs Compressor Station #1
3. Hobbs Compressor Station #2
4. Hobbs Compressor Station #3
5. Hobbs Compressor Station #4
6. Hobbs Compressor Station #5
7. Eddy Compressor Station #1
8. Eddy Compressor Station #2
9. Eddy Compressor Station #3

Because of the change in ownership, GPM has assumed the responsibility for the following items which have been on-going between ENRON and the OCD:

1. **Hobbs Gas Processing Plant**

Oil/Water Separator - Former Liquid Waste Disposal Area: ENRON submitted drafts of the Remedial Design Report, Construction Specifications, and Drawings for OCD's review.

2. **Hobbs Compressor Station #2**

On October 7, 1994, OCD reviewed ENRON's report of "SUBSURFACE INVESTIGATION AT HOBBS COMPRESSOR STATION NO.2 AND HOBBS NATURAL GAS PROCESSING PLANT". OCD requested that six items of information be submitted to the OCD by January 31, 1995 (Copy enclosed). OCD's request was faxed to Vince Bernard of GPM on October 11, 1994, who agreed to respond to items #1, 5, and 6. ENRON's response to the remaining items is:

Mr. Roger Anderson  
January 10, 1994  
Page No. 2

**Item #2:** The stockpiled soil at Hobbs Compressor Station #2 was disposed of in C. & C. Landfarm in Monument, New Mexico. The landfarm is owned by Jimmy Cooper.

**Item #3:** The purged groundwater at Hobbs Gas Plant was disposed of in the landfarm at the site. The water from Hobbs C.S. #2 has been arranged to be disposed of at the USPCI facility in Wenoka, Oklahoma. Because of the close of sale on December 28, 1994, the seven drums of water were moved from Hobbs C.S. #2 to ENRON's Eunice plant for temporary storage. USPCI has scheduled to pick the drum during the week of January 16, 1995. The disposal methods for the water were approved by Bill Olson (copy enclosed).

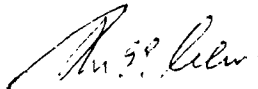
**Item #4:** The final dimensions of the excavations at Hobbs Compressor Station No. 2 are shown on the enclosed Figure 1.

The name and address of the GPM contact person is:

Vince Bernard, Director  
Safety & Environmental Affairs  
New Mexico Region  
GPM Gas Services Company  
4044 Penbrook, Odessa, Texas 79762  
Phone: (915) 368-1085  
Fax: (915) 368 1170

Should you have any questions, please feel free to call me at (713) 646-7337.

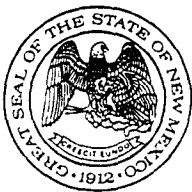
Sincerely,



Akhtar A. Alvi, P.E.  
Senior Environmental Engineer  
Environmental Affairs Department

CC: Vince Bernard, GPM, W/O Enclosure

BCC. Rick Craig  
Bill Janacek  
Mike Moran  
Tom King  
Mike Terraso  
Gary Kratville  
Frank Smith  
Lou Soldano  
Chris Kaitson  
Bill Kendrick  
Beth Apollo



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

April 15, 1993

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

ANITA LOCKWOOD  
CABINET SECRETARY

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-667-242-337**

Mr. Michael Kneese  
ENRON Gas Processing Company  
11525 W. Carlsbad Highway  
Hobbs, New Mexico 88240

**RE: PIPELINE CONDENSATE TANK REMEDIATION  
HOBBS COMPRESSOR STATIONS NO. 1, NO. 3 AND NO. 5  
LEA COUNTY, NEW MEXICO**

Dear Mr. Kneese:

The New Mexico Oil Conservation Division (OCD) is in the process of reviewing ENRON's January 1993 "FORMER LIQUID PIPELINE CONDENSATE STORAGE SITE, HOBBS COMPRESSOR STATION NO. 1, FIELD INVESTIGATION REPORT" and ENRON's January 1993 "FORMER LIQUID PIPELINE CONDENSATE STORAGE SITE, HOBBS COMPRESSOR STATION NO. 5, FIELD INVESTIGATION REPORT". These documents were hand delivered to OCD on March 10, 1993. The documents detail the results of ENRON's investigation of the extent of contamination resulting from the past use of below grade tanks at the Hobbs Compressor Station No. 1 and the Hobbs Compressor Station No. 5.

The reports appear to have adequately defined the extent of contamination related to the below grade tanks at the facilities. However, the OCD has the following comments and requests for additional information regarding the above referenced documents:

1. The reports do not include the results of the final contaminant levels upon completion of the excavation of contaminated soils. Please supply OCD with this information.
2. According to the reports ENRON is considering options for treatment/disposal of the contaminated soils excavated during the remediation projects. Please submit a proposal to OCD for treatment/disposal of these wastes.

(NOTE: Mainline natural gas compressor stations are not exempt from RCRA Subtitle C Hazardous Waste requirements. Subsequently, these soils must be tested, prior to treatment/disposal, to demonstrate that they do not exhibit hazardous waste characteristics.)

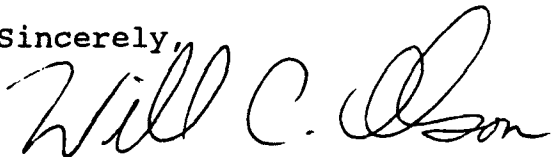
Mr. Michael Kneese  
April 15, 1993  
Page 2

3. The reports do not include recommendations for final closure of the excavations. Please submit a plan for final closure.

Upon a review of the ENRON file it was noted that OCD is awaiting the final results of a hazardous waste characterization of contaminated soils from remedial activities at the Hobbs No. 3 compressor station. Please provide OCD with this information and a plan for final closure of the former below grade tanks sites which includes disposal or remediation of the contaminated soils.

Submission of the above information will allow OCD to complete a review of the remedial activities at the Hobbs No. 1, No. 3 and No. 5 compressor stations. If you have any questions, please contact me at (505) 827-5885.

Sincerely,

A handwritten signature in cursive script, reading "Will C. Olson".

William C. Olson  
Hydrogeologist  
Environmental Bureau

xc: OCD Hobbs Office



State of New Mexico  
**ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT**  
Santa Fe, New Mexico 87505

STATE OF  
NEW MEXICO  
OIL  
CONSERVATION  
DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

☒ Telephone

☐ Personal

Time

1430

Date

12/3/92

Originating Party

Bill Olson - OCP

Other Parties

Mike Kneese - ENRON  
393-5109 ext 25

Subject

Hobbs #3 UST closure

Discussion

Unclear as what the lab results represent  
May need full TCLP for soil disposal

Report does not state how final closure will occur

Conclusions or Agreements

He will resubmit letter clarifying results and final action  
for closure  
I will check on TCLP

Distribution

Hobbs #3 file

Signed

Bill Olson

OIL CONSERVATION DIVISION  
RECEIVED  
'92 DE 7 AM 9 16

ENRON GAS PROCESSING COMPANY  
11525 W. CARLSBAD HIGHWAY  
HOBBS, NEW MEXICO 88240  
(505) 393-5109

December 3, 1992

Mr. Bill Olsen  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504

Dear Mr. Olsen:

This letter is in reference to my previous letter. Sample 3-092 Hobbs #3 Waste Oil and 3-091 Hobbs #3 Glycol were taken 8-6-92 with a core sampler before excavation. This was the preliminary sample before cleanup began. Our lab ran TPH only on the 3-092 sample and TCLP-M and TPH on the 3-091. They were requested to run just the opposite. Sample 5-013 Hobbs 3 was taken at the end of the cleanup at a depth of 12'. These holes have been filled with blow sand for safety reasons. If our data satisfies your Action Levels we would like to cap the sites with caliche. Further sampling will be done for TCLP-O-M-F and the results will be forwarded to upon receipt. If you require any further sampling or sample results please do not hesitate to call me at 393-5109 ext.25.

Sincerely,

*Michael M. Kneese*

Michael Kneese  
Environmental Field Technician

xc: Michael Terraso  
Jim Peterson  
Dennis Howell  
John Zembas  
file



Assaigai Analytical Labs  
7300 Jefferson NE  
Albuquerque, NM 87109

Attn: MARLEAH M. MARTIN  
Phone: (505)345-8964

ENRON GAS PROCESSING  
11525 WEST CARLSBAD HIGHWAY  
HOBBS, NM 88240

Attn: MIKE KNEESE  
Invoice Number:

Order #: 92-08-152

Date: 08/28/92 15:05

Work ID: HOBBS #3

Date Received: 08/12/92

Date Completed: 08/27/92

Client Code: ENR10

## SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
01	3092-HOBBS #3-WASTE OIL 6' Deep	02	3092-HOBBS #3-N. GLY COL. 6' Deep

*Samples Taken Directly Below Tanks After Excavation*

ND = None Detected      D\_F = Dilution Factor  
NT = Not Tested      B = Analyte was present in the blank  
E = Estimated Value  
MULTIPLY THE LIMIT BY THE DILUTION FACTOR.

*Marleah M. Martin*  
Certified By  
Marleah Martin

Page 1

REPORT

Work Order # 92-08-152

Received: 08/12/92

Results By Test

TEST CODE default units	Sample <u>01</u> (entered units)
TCLPXX N/A	N/A
TCVHGX N/A	N/A
TFAAX N/A	N/A
TGFAAX N/A	N/A



Page 2

REPORT

Work Order # 92-08-152

Received: 08/12/92

Results by Sample

3-091 Glycol  
SAMPLE ID ~~2-091~~-HOBBS #3-~~2-091~~

FRACTION 01A TEST CODE MOIST NAME Percent moisture  
Date & Time Collected 08/10/92 Category SOIL

PARAMETER	RESULT	LIMIT	D_F	DATE_ANAL
Percent Moisture	<u>1.4</u>	<u>0.10</u>	<u>1.0</u>	<u>08/18/92</u>

Notes and Definitions for this Report:

EXTRACTED 08/18/92  
ANALYST RF  
UNITS Percent (%)  
BATCH\_ID SMOIST-0005  
COMMENTS N/A



Page 3

Received: 08/12/92

REPORT

Work Order # 92-08-152

Results by Sample

3091 *Glycol*  
SAMPLE ID ~~92-08-152~~-HOBBS #3-~~1000000000~~

FRACTION 01A TEST CODE STRPH NAME Total petroleum HCs/soil  
Date & Time Collected 08/10/92 Category SOIL

PARAMETER	RESULT	LIMIT	D_F	DATE_ANAL
Total Petroleum HCs	<u>55</u>	<u>5.0</u>	<u>1.0</u>	<u>08/24/92</u>

Notes and Definitions for this Report:

EXTRACTED 08/24/92  
ANALYST DH  
UNITS mg/Kg  
BATCH\_ID STRPH-0020  
PRCNT\_MOIST 1.4



Page 4

Received: 08/12/92

REPORT

Work Order # 92-08-152

Results by Sample

SAMPLE ID 3-091 Calico  
HOBBS #3-10000-0001

FRACTION 01B TEST CODE TMETAL NAME TCLP Met. Anal. in water  
Date & Time Collected 08/10/92 Category SOIL

PARAMETER	RESULT	LIMIT	D_F	DATE_EXT	DATE_ANAL
Arsenic, As	<u>ND</u>	<u>0.0050</u>	<u>1.0</u>	<u>08/17/92</u>	<u>08/18/92</u>
Barium, Ba	<u>2.80</u>	<u>0.50</u>	<u>1.0</u>	<u>08/17/92</u>	<u>08/18/92</u>
Cadmium, Cd	<u>ND</u>	<u>0.0030</u>	<u>1.0</u>	<u>08/17/92</u>	<u>08/18/92</u>
Chromium, Cr	<u>0.070</u>	<u>0.020</u>	<u>1.0</u>	<u>08/17/92</u>	<u>08/18/92</u>
Lead, Pb	<u>ND</u>	<u>0.10</u>	<u>1.0</u>	<u>08/17/92</u>	<u>08/18/92</u>
Mercury, Hg	<u>ND</u>	<u>0.00020</u>	<u>1.0</u>	<u>08/19/92</u>	<u>08/19/92</u>
Selenium, Se	<u>ND</u>	<u>0.0050</u>	<u>1.0</u>	<u>08/17/92</u>	<u>08/18/92</u>
Silver, Ag	<u>0.030</u>	<u>0.010</u>	<u>1.0</u>	<u>08/17/92</u>	<u>08/18/92</u>

Notes and Definitions for this Report:

ANALYST JB

UNITS mg/L

BATCH\_ID WGFAA-0084, WFAA-0045, WCVAA-0018

COMMENTS RESULTS REFLECT TCLP METALS



Page 5

Received: 08/12/92

REPORT

Work Order # 92-08-152

Results by Sample

SAMPLE ID 3-012 Waste Oil ~~002-HOBBS #3-000001~~

FRACTION 02A TEST CODE MOIST NAME Percent moisture  
Date & Time Collected 08/10/92 Category SOIL

PARAMETER	RESULT	LIMIT	D_F	DATE_ANAL
Percent Moisture	<u>0.52</u>	<u>0.10</u>	<u>1.0</u>	<u>08/18/92</u>

Notes and Definitions for this Report:

EXTRACTED 08/18/92  
ANALYST RF  
UNITS Percent (%)  
BATCH\_ID SMOIST-0005  
COMMENTS N/A



Page 6

Received: 08/12/92

REPORT

Work Order # 92-08-152

Results by Sample

SAMPLE ID 2092 Waste Oil 304-HOBBS #3-~~XXXXXXXXXX~~

FRACTION 02A TEST CODE STRPH NAME Total petroleum HCs/soil  
Date & Time Collected 08/10/92 Category SOIL

PARAMETER	RESULT	LIMIT	D_F	DATE_ANAL
Total Petroleum HCs	<u>7,340</u>	<u>5.0</u>	<u>50</u>	<u>08/24/92</u>

Notes and Definitions for this Report:

EXTRACTED 08/24/92  
ANALYST DH  
UNITS mg/Kg  
BATCH\_ID STRPH-0020  
PRCNT\_MOIST 0.5



Received: 08/12/92

08/28/92 15:05:38

ENRON GAS PROCESSING

RESULTS FOR TRPH ARE REPORTED ON A DRY WEIGHT BASIS.







# ARDINAL LABORATORIES

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

## FINAL ANALYSIS REPORT

Company: Enron Gas Processing  
Address: 11525 W. Carlsbad Hwy.  
City, State: Hobbs, NM 88240

Date: 11/12/92  
Lab#: H1071

Project Name:

Project Location: Hobbs 1, 3 & 5 Comp. Stations

Sampled by: MK Date: 10/21/92 Time:

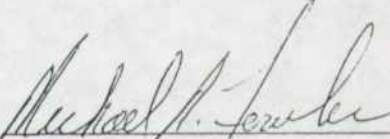
Analyzed by: MF Date: 10/22/92 Time:

Type of Samples: Soil Sample Condition: GIST

Units: mg/kg, mg/l

Samp #	Field Code	TRPHC	BENZENE	TOLUENE	ETHYL BENZENE	PARA-XYLENE	META-XYLENE	ORTHO-XYLENE	MTBE
1	5-013 Hobbs 3	35.2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2	5-014 Hobbs 1	14,685	***	***	***	***	***	***	***
3	5-015 Hobbs 5	2,808	***	***	***	***	***	***	***
4	5-016 Hobbs 5	109.0	***	***	***	***	***	***	***
QC Recovery		311.8	1001.1	937.5	934.8	888.5	859.9	917.2	845.8
QC Spike		336.2	1000.6	980.4	983.7	975.9	975.9	992.7	801.8
Accuracy		92.7%	100.0%	95.6%	95.0%	91.0%	88.1%	92.4%	105.5%
Air Blank		***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Methods - AUTOMATED HEADSPACE GC; INFRARED SPECTROSCOPY  
- EPA SW-846; EPA METHODS 8020, 418.1, 3540 OR 3510

  
Michael R. Fowler

Date 11/12/92

OIL CONSERVATION DIVISION  
RECEIVED

'92 DE: 3 AM 8 46

ENRON GAS PROCESSING COMPANY  
11525 W. CARLSBAD HIGHWAY  
HOBBS, NEW MEXICO 88240  
(505) 393-5109

November 30, 1992

**ENRON**  
Gas Processing Company

Mr. Bill Olsen  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504

**Michael N. Kneese**  
Environmental Field Technician  
Western Region

OFFICE:  
11525 W. CARLSBAD HWY.  
HOBBS, NEW MEXICO 88241

PHONE: (505) 393-5109 Ext 25  
FAX: 397-1768  
HOME: 505-392-1591

Dear Mr. Olsen:

This letter is to ask your office for permission to close two excavation sites at the Hobbs #3 facility where UST's were present and have been removed. The facility is located in the NE 1/4 NW 1/4 of Sec 33-T20S-R37E which is approximately 4 miles North of Oil Center New Mexico and is owned by Northern Natural Gas operated by Enron Gas Processing. The nearest domestic water well is located in Oil Center, N.M.

There is a water well on site and the well log is as follows:

0'- 3'	Soil	
3'- 8'	Caliche	Depth to Water 275'
8'- 25'	Sand	
25'- 80'	Sand	Well was drilled 10/3-8/79
80'- 100'	Sand & Gravel	
100'- 375'	Red Clay	
375'- 390'	Water & Sand	
390'- 395'	Red Clay	

All dirt that is excavated at the Hobbs #3 facility was placed on plastic and covered with plastic until sample results determined that the soil was non-hazardous. The soil will be hauled to the Hobbs Plant via dump trucks for remediation in our landfarm.

Excavation of the tanks was achieved on September 21, 1992. Samples were taken immediately upon elevation of the tanks and the sample results are enclosed. Some soil staining was present and was excavated. Sample results after the excavation was completed are also enclosed. The tanks were intact when removed. The contamination was determined to be caused by overfilling during operational upsets. Concrete

containments have been built and new storage tanks placed in-service to prevent this from occurring in the future.

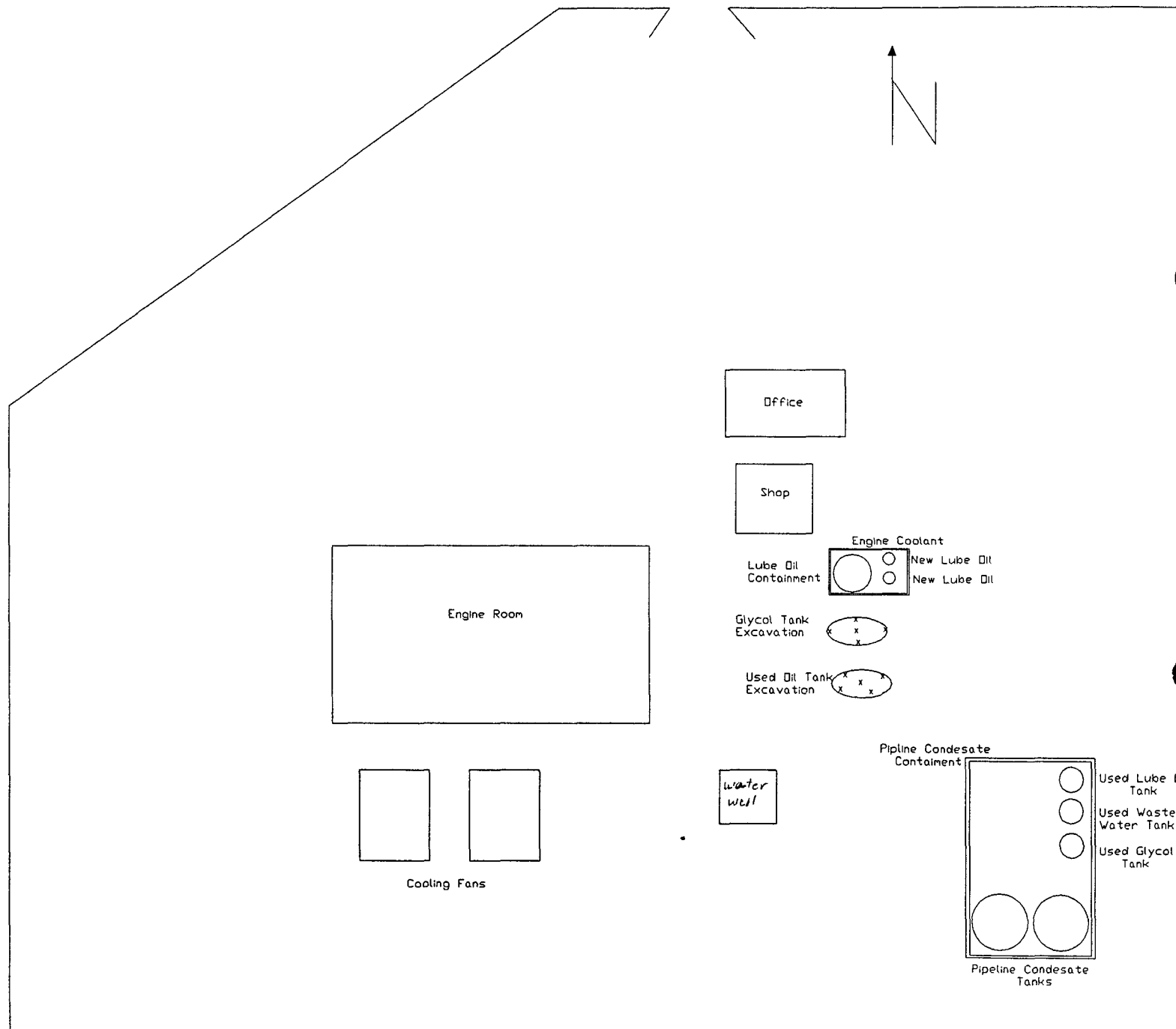
This facility was constructed and put into service in 1974. These tanks were installed in 1981 by Northern and were the property of Northern.

Sincerely,

A handwritten signature in cursive script that reads "Michael Kneese".

Michael Kneese  
Environmental Field Technician

xc: Michael Terraso  
Jim Peterson  
Dennis Howell  
John Zembas  
file



Hobbs #3 Map Legend	
x	= Soil Sample Extraction Points
○	= Tank Excavation Sites
□	= Concrete Containments
○	= Steel Storage Tank
Drawn by Mike Kneese for Enron Corp.	

Assaigai Analytical Labs  
7300 Jefferson NE  
Albuquerque, NM 87109

Attn: MARLEAH M. MARTIN  
Phone: (505)345-8964

ENRON GAS PROCESSING  
11525 WEST CARLSBAD HIGHWAY  
HOBBS, NM 88240

Attn: MIKE KNEESE  
Invoice Number:

Order #: 92-08-152  
Date: 08/28/92 15:05  
Work ID: HOBBS #3  
Date Received: 08/12/92  
Date Completed: 08/27/92  
Client Code: ENR10

SAMPLE IDENTIFICATION

<u>Sample</u> <u>Number</u>	<u>Sample</u> <u>Description</u>
01	3092-HOBBS #3-WASTE OIL

<u>Sample</u> <u>Number</u>	<u>Sample</u> <u>Description</u>
02	3092-HOBBS #3-N. GLY COL.

ND = None Detected    D\_F = Dilution Factor  
NT = Not Tested    B = Analyte was present in the blank  
E = Estimated Value  
MULTIPLY THE LIMIT BY THE DILUTION FACTOR.

  
Certified By  
Marleah Martin



Page 1

REPORT

Work Order # 92-08-152

Received: 08/12/92

Results By Test

TEST CODE	Sample 01
default units	(entered units)
TCLPXX	N/A
N/A	
TCVHGX	N/A
N/A	
TFAAX	N/A
N/A	
TGFAAX	N/A
N/A	



Page 2

REPORT

Work Order # 92-08-152

Received: 08/12/92

Results by Sample

3-091 Glycol  
SAMPLE ID ~~3-091~~ - HOBBS #3-~~8000000000~~

FRACTION 01A TEST CODE MOIST NAME Percent moisture  
Date & Time Collected 08/10/92 Category SOIL

PARAMETER	RESULT	LIMIT	D_F	DATE_ANAL
Percent Moisture	<u>1.4</u>	<u>0.10</u>	<u>1.0</u>	<u>08/18/92</u>

Notes and Definitions for this Report:

EXTRACTED 08/18/92  
ANALYST RF  
UNITS Percent (%)  
BATCH\_ID SMOIST-0005  
COMMENTS N/A



Page 3

REPORT

Work Order # 92-08-152

Received: 08/12/92

Results by Sample

SAMPLE ID 3091 Glycol 92-08-152-HOBBS #3-10000-001

FRACTION 01A TEST CODE STRPH NAME Total petroleum HCs/soil

Date & Time Collected 08/10/92 Category SOIL

PARAMETER	RESULT	LIMIT	D_F	DATE_ANAL
Total Petroleum HCs	<u>55</u>	<u>5.0</u>	<u>1.0</u>	<u>08/24/92</u>

Notes and Definitions for this Report:

EXTRACTED 08/24/92

ANALYST DH

UNITS mg/Kg

BATCH\_ID STRPH-0020

PRCNT\_MOIST 1.4





Page 4

REPORT

Work Order # 92-08-152

Received: 08/12/92

Results by Sample

SAMPLE ID 3-091 Glycol  
HOBBS #3-10078-001

FRACTION 01B TEST CODE TMETAL NAME TCLP Met. Anal. in water  
Date & Time Collected 08/10/92 Category SOIL

PARAMETER	RESULT	LIMIT	D_F	DATE_EXT	DATE_ANAL
Arsenic, As	ND	0.0050	1.0	08/17/92	08/18/92
Barium, Ba	2.80	0.50	1.0	08/17/92	08/18/92
Cadmium, Cd	ND	0.0030	1.0	08/17/92	08/18/92
Chromium, Cr	0.070	0.020	1.0	08/17/92	08/18/92
Lead, Pb	ND	0.10	1.0	08/17/92	08/18/92
Mercury, Hg	ND	0.00020	1.0	08/19/92	08/19/92
Selenium, Se	ND	0.0050	1.0	08/17/92	08/18/92
Silver, Ag	0.030	0.010	1.0	08/17/92	08/18/92

Notes and Definitions for this Report:

ANALYST JB

UNITS mg/L

BATCH\_ID WGFAA-0084, WFAA-0045, WCVAA-0018

COMMENTS RESULTS REFLECT TCLP METALS



Page 5

REPORT

Work Order # 92-08-152

Received: 08/12/92

Results by Sample

SAMPLE ID 3-092 Waste Oil HOBBS #3

FRACTION 02A TEST CODE MOIST NAME Percent moisture  
Date & Time Collected 08/10/92 Category SOIL

PARAMETER	RESULT	LIMIT	D_F	DATE_ANAL
Percent Moisture	<u>0.52</u>	<u>0.10</u>	<u>1.0</u>	<u>08/18/92</u>

Notes and Definitions for this Report:

EXTRACTED 08/18/92  
ANALYST RF  
UNITS Percent (%)  
BATCH\_ID SMOIST-0005  
COMMENTS N/A



Page 6

REPORT

Work Order # 92-08-152

Received: 08/12/92

Results by Sample

SAMPLE ID 3-092 Waste Oil 7300-JOBBS #3-~~XXXXXXXXXX~~

FRACTION 02A TEST CODE STRPH NAME Total petroleum HCs/soil  
Date & Time Collected 08/10/92 Category SOIL

PARAMETER	RESULT	LIMIT	D_F	DATE_ANAL
Total Petroleum HCs	<u>7,340</u>	<u>5.0</u>	<u>50</u>	<u>08/24/92</u>

Notes and Definitions for this Report:

EXTRACTED 08/24/92  
ANALYST DH  
UNITS mg/Kg  
BATCH\_ID STRPH-0020  
PRCNT\_MOIST 0.5



Received: 08/12/92

08/28/92 15:05:38

ENRON GAS PROCESSING

RESULTS FOR TRPH ARE REPORTED ON A DRY WEIGHT BASIS.





# ARDINAL LABORATORIES

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

## FINAL ANALYSIS REPORT

Company: Enron Gas Processing  
Address: 11525 W. Carlsbad Hwy.  
City, State: Hobbs, NM 88240

Date: 11/12/92  
Lab#: H1071

Project Name:

Project Location: Hobbs 1, 3 & 5 Comp. Stations


Sampled by: MK Date: 10/21/92 Time:

Analyzed by: MF Date: 10/22/92 Time:

Type of Samples: Soil Sample Condition: GIST Units: mg/kg, mg/l

*****										
Samp #	Field Code	TRPHC	BENZENE	TOLUENE	ETHYL BENZENE	PARA-XYLENE	META-XYLENE	ORTHO-XYLENE	MTBE	
1	5-013 Hobbs 3	35.2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2	5-014 Hobbs 1	14,685	***	***	***	***	***	***	***	***
3	5-015 Hobbs 5	2,808	***	***	***	***	***	***	***	***
4	5-016 Hobbs 5	109.0	***	***	***	***	***	***	***	***
QC Recovery		311.8	1001.1	937.5	934.8	888.5	859.9	917.2	845.8	
QC Spike		336.2	1000.6	980.4	983.7	975.9	975.9	992.7	801.8	
Accuracy		92.7%	100.0%	95.6%	95.0%	91.0%	88.1%	92.4%	105.5%	
Air Blank		***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	

Methods - AUTOMATED HEADSPACE GC; INFRARED SPECTROSCOPY  
- EPA SW-846; EPA METHODS 8020, 418.1, 3540 OR 3510

  
Michael R. Fowler

Date 11/12/92



# ARDINAL LABORATORIES

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

## FINAL ANALYSIS REPORT

Company: Enron Gas Processing  
Address: 11525 W. Carlsbad Hwy  
City, State: Hobbs, NM

Date: 10/23/92  
Lab#: H1059

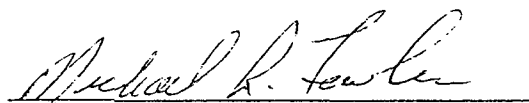
Project Name: Used Compressor Oil  
Project Location: Hobbs, NM

Sampled by: MK Date: 10/08/92 Time:  
Analyzed by: MF Date: 10/12/92 Time: 0800  
Type of Samples: Soil Sample Condition: GIST

Units: mg/kg, mg/l

*****									
Samp #	Field Code	TRPHC	BENZENE	TOLUENE	ETHYL BENZENE	PARA-XYLENE	META-XYLENE	ORTHO-XYLENE	MTBE
1	5-010 Hobbs 2	***	0.590	1.007	0.314	0.118	0.287	0.116	1.452
2	5-006 Hobbs 4	***	0.409	1.411	0.227	0.258	0.895	0.344	1.345
3	5-007 Hobbs 1	***	1.582	1.845	0.390	0.146	0.363	0.141	1.378
4	5-008 Hobbs 5	***	4.635	5.690	1.251	0.419	1.149	0.485	10.576
5	5-009 Hobbs 3	***	0.357	0.501	0.213	0.083	0.200	0.494	
6	5-011 H5 Soil	22.8	***	***	***	***	***	***	***
QC Recovery		296.4	1.395	1.363	1.358	1.284	1.297	1.193	0.922
QC Spike		336.2	1.259	1.239	1.303	1.300	1.329	1.319	1.084
Accuracy		88.1%	110.8%	110.0%	104.2%	98.8%	97.5%	90.4%	85.1%
Air Blank		***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Methods - AUTOMATED HEADSPACE GC; INFRARED SPECTROSCOPY  
- EPA SW-846; EPA METHODS 8020, 418.1, 3540 OR 3510

  
Michael R. Fowler

Date 10/23/92



# ARDINAL LABORATORIES

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

## FINAL ANALYSIS REPORT

Company: Enron Gas Processing  
Address: 11525 W. Carlsbad Hwy.  
City, State: Hobbs, NM 88240

Date: 11/13/92

Lab#: H1082

Project Name:

Project Location: Hobbs #1

Sampled by: MK

Date: 11/11/92 Time:

Analyzed by: MF

Date: 11/12/92 Time: 10:30

Type of Samples: Soil

Sample Condition: GIST

Units: mg/kg, mg/l

Samp #	Field Code	TRPHC	BENZENE	TOLUENE	ETHYL BENZENE	PARA-XYLENE	META-XYLENE	ORTHO-XYLENE	MTBE
1	5-024 Gate	36.0	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2	5-025 S.L. Hole	31.2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3	5-026 N.L. Hole	218.2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
QC Recovery		161.3	0.967	0.959	0.967	0.913	0.884	0.939	0.078
QC Spike		336.2	0.993	0.973	0.977	0.969	0.969	0.986	0.796
Accuracy		94.6%	97.4%	98.6%	99.0%	94.3%	91.2%	95.2%	98.3%
Air Blank		***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Methods - AUTOMATED HEADSPACE GC; INFRARED SPECTROSCOPY  
- EPA SW-846; EPA METHODS 8020, 418.1, 3540 OR 3510

Michael R. Fowler

Date 11/16/92



# ARDINAL LABORATORIES

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

## FINAL ANALYSIS REPORT

Company: Enron Gas Processing  
Address: 11525 W. Carlsbad Hwy.  
City, State: Hobbs, NM 88240

Date: 11/13/92  
Lab#: H1079

Project Name:

Project Location: Hobbs Plant

Sampled by: MK

Date: 11/10/92 Time:

Analyzed by: MF

Date: 11/11/92 Time: 10:30

Type of Samples: Soil

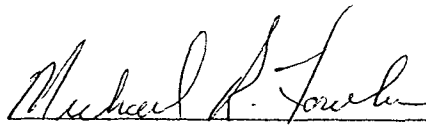
Sample Condition: GIST

Units: mg/kg, mg/l

Samp #	Field Code	TRPHC	BENZENE	TOLUENE	ETHYL BENZENE	PARA-XYLENE	META-XYLENE	ORTHO-XYLENE	MTBE
1	S-021 Hobbs 2	11,194	<0.001	<0.001	0.013	<0.001	<0.001	0.027	<0.001
2	S-022 Hobbs 2	9,454	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
QC Recovery		317.8	0.967	0.959	0.967	0.913	0.884	0.939	0.783
QC Spike		336.2	0.993	0.973	0.977	0.969	0.969	0.986	0.796
Accuracy		94.5%	97.4%	98.6%	99.0%	94.3%	91.2%	95.2%	98.3
Air Blank		***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Methods - AUTOMATED HEADSPACE GC; INFRARED SPECTROSCOPY

- EPA SW-846; EPA METHODS 8020, 418.1, 3540 OR 3510

  
Michael R. Fowler

Date 11/16/92