

GW - 161

MONITORING REPORTS

DATE:

1994

OIL CONSERVATION DIVISION
RECEIVED

'94 APR 21 AM 8 50

ESOI

ENVIRONMENTAL
• SERVICES, INC. •

April 18, 1994

Mr. Chris Eustice
Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

Dear Mr. Eustice

On behalf of Associated Natural Gas, Inc. (ANGI), I am enclosing the laboratory results of the chemical analyses of the lube oil for metals (I-Cap Scan) and benzene (EPA Method 8020) from ANGI's Rosa Compressor Station. This should fulfill the request for additional information made by the Oil Conservation Division on February 24, 1994 concerning the discharge plan submittal for ANGI's Rosa Compressor Station. Please feel free to call if you have any questions.

Sincerely

Robin

Robin K. DeLapp
Environmental Technician

5971 Jefferson NE
• Suite 104 •
• Albuquerque •
New Mexico 87109
505 • 345 • 3900



an Analytica Group company

325 Interlocken Parkway, Suite 200, Broomfield, CO 80021, (303) 469-8868, (800) 873-8707, FAX: (303) 469-5254

Environmental Services, Inc.
5971 Jefferson N.E.
Suite 104
Albuquerque, NM 87109
Attn: Robin Delapp

Order #: 94-03-080
Date: 04/12/94 10:39
Work ID: ESI
Date Received: 03/19/94
Date Completed: 04/11/94

SAMPLE IDENTIFICATION

<u>Sample</u> <u>Number</u>	<u>Client Description</u>
01	Rosa Comp

<u>Sample</u> <u>Number</u>	<u>Client Description</u>
--------------------------------	---------------------------

Enclosed are the analytical results for the submitted sample(s). Please review the CASE NARRATIVE for a discussion of any data and/or quality control issues. A listing of data qualifiers and analytical codes is located on the TEST METHODOLOGIES page at the end of the report.

If you have any questions regarding the analyses, please feel free to call.

Sincerely,

Doyce T. Blair
Laboratory Director

Samples were prepared and analyzed according to methods outlined in the following references:

- o Test Methods for Evaluating Solid Waste, USEPA SW-846, Third Edition, Revision 1, November 1990.

Problems encountered with the analyses are discussed in the following narrative.

The 8080_O analysis for sample 9403080-01B was completed on both the GC/MS and the GC. The low surrogate recovery was verified and attributed to the sample matrix.

Sample: 01A Rosa Comp

Collected: 03/18/94

Matrix: OIL

<u>Test Description</u>	<u>Method</u>	<u>Result</u>	<u>O</u>	<u>Limit</u>	<u>Units</u>	<u>Analyzed</u>
ICP METALS, Total	SW 3050/6010					
Aluminum		ND		5.0	mg/Kg	04/07/94
Antimony		ND		5.0	mg/Kg	04/07/94
Arsenic		ND		5.0	mg/Kg	04/07/94
Barium		ND		1.0	mg/Kg	04/07/94
Beryllium		ND		0.50	mg/Kg	04/07/94
Boron		ND		2.0	mg/Kg	04/07/94
Cadmium		ND		0.50	mg/Kg	04/07/94
Calcium		500		10	mg/Kg	04/07/94
Chromium		ND		2.0	mg/Kg	04/07/94
Cobalt		ND		1.0	mg/Kg	04/07/94
Copper		ND		1.0	mg/Kg	04/07/94
Iron		6.2		2.0	mg/Kg	04/07/94
Lead		ND		5.0	mg/Kg	04/07/94
Magnesium		ND		10	mg/Kg	04/07/94
Manganese		ND		1.0	mg/Kg	04/07/94
Molybdenum		ND		1.0	mg/Kg	04/07/94
Nickel		ND		2.0	mg/Kg	04/07/94
Potassium		ND		100	mg/Kg	04/07/94
Selenium		ND		10	mg/Kg	04/07/94
Silicon		ND		50	mg/Kg	04/07/94
Silver		ND		0.50	mg/Kg	04/07/94
Sodium		ND		300	mg/Kg	04/07/94
Strontium		ND		2.0	mg/Kg	04/07/94
Tin		ND		4.0	mg/Kg	04/07/94
Titanium		ND		2.0	mg/Kg	04/07/94
Vanadium		ND		1.0	mg/Kg	04/07/94
Zinc		70		1.0	mg/Kg	04/07/94

Sample: 01B Rosa Comp

Collected: 03/18/94

Matrix: OIL

<u>Test Description</u>	<u>Method</u>	<u>Result</u>	<u>O</u>	<u>Limit</u>	<u>Units</u>	<u>Analyzed</u>
AROMATIC VOLATILE ORGANICS	SW 8020A					
Benzene		0.15	H	0.050	mg/Kg	04/05/94
SURROGATES, % Recovery						
p-Bromofluorobenzene		34.4		Min: 70	Max: 130	

THE FOLLOWING CODES APPLY TO THE ANALYTICAL DATA:

RESULT field...

ND = not detected at the reported limit
NA = analyte not applicable (see case narrative/methods for discussion)
* = surrogate not reportable due to sample dilution/interference

Q (qualifier) field...

J = analyte was detected but the concentration is below reporting limits
E = analyte value is above the linear quantitation range after dilution
B = analyte was detected in the laboratory method blank
D = analyte was diluted to bring within linear quantitation range
H = value is estimated due to analysis run outside EPA holding times

8020_O: AROMATIC VOLATILE ORGANICS (GCPID)

METHOD: 8020

3040 Dissolution Procedure for Oils, Greases, or Waxes

METHOD: 3040

ICP_TS: METALS, Total (ICP)

METHOD: 3050/6010



9403-080
325 Interlocken Parkway, Suite 200
Broomfield, Colorado 80021
(303) 469-8868 or 1-800-873-8707
FAX: (303) 469-5254

4 31587