GW - 070

INSPECTION

MCA
San Juan Operations Team
Chevron U.S.A. Inc.
PO Box 730
Aztec, NM 87410

RECEIVED
2009 JUN 3 AM 11 33

June 2, 2009

Ref: to bgt

Mr. Leonard Lowe
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: Closure Report for the Rincon Lateral CDP #2 Site

Dear Mr. Lowe,
Enclosed please find the Closure Report for the Rincon Lateral CDP #2 site located in Section 1, Township 26N, Range 7W, Rio Arriba County, New Mexico. This site maintains a Discharge Plan Permit GW-070.

If you have any questions or require additional information, please contact our office at (505)333-1901.

Respectfully Submitted,

Michael Archer
HES Specialist
Chevron North America

Enclosures: Closure Report

ENVIROTECH INC.

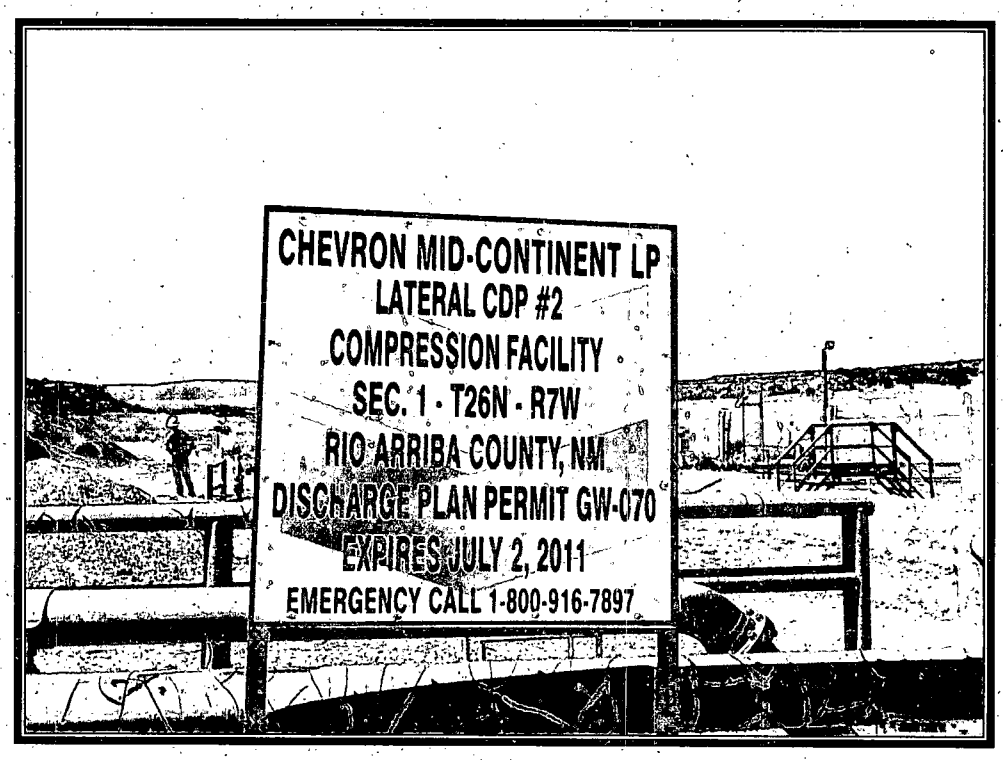
PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

RECEIVED
2009 JUN 3 AM 11 33

CLOSURE REPORT

LOCATED AT:
CHEVRON NORTH AMERICA'S
RINCON LATERAL CDP #2
DISCHARGE PLAN PERMIT GW-070
SECTION 1, TOWNSHIP 26N, RNG 7W,
RIO ARRIBA COUNTY, NEW MEXICO

PREPARED FOR:
MR. LEONARD LOWE
NEW MEXICO OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DRIVE
SANTA FE, NEW MEXICO 87505



PROJECT NO. 92270-0422
APRIL 2009

5796 U.S. HIGHWAY 64 • FARMINGTON, NM 87401 • (505) 632-0615

envirotech

May 28, 2009 Project No.92270-0422

Mr. Leonard Lowe
New Mexico Oil Conservation Division
1220 South St. Francis Drive Phone (505) 476-3492
Santa Fe, New Mexico 87505

RE: CLOSURE REPORT FOR THE RINCON LATERAL CDP #2 SITE

Dear Mr. Lowe,

Enclosed please find the ***Closure Report*** you requested from the Rincon Lateral CDP #2 site located in Section 1, Township 26N, Range 7W, Rio Arriba County, New Mexico. This site maintains a Discharge Plan Permit GW-070 and is owned and operated by Chevron North America.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,
ENVIROTECH, INC.

James McDaniel
Project Scientist
jmcdaniel@envirotech-inc.com

Enclosures: Closure Report

Cc: Client File No. 92270

CHEVRON NORTH AMERICA
CLOSURE REPORT
LOCATED AT
RINCON LATERAL CDP #2
DISCHARGE PLAN PERMIT GW-070
SECTION 1, TOWNSHIP 26N, RANGE 7W
RIO ARRIBA COUNTY, NEW MEXICO

TABLE OF CONTENTS

INTRODUCTION

Envirotech, Inc. of Farmington, New Mexico, was contracted by Chevron North America to perform spill assessment and spill closure sampling activities at the Rincon Lateral CDP #2 site located in Section 1, Township 26N, Range 7W, Rio Arriba County, New Mexico; see ***Figure 1, Vicinity Map***. This facility operates under a Discharge Plan Permit GW-070. A historical release of an unknown amount was discovered when a spill assessment was performed on the BGT at the above mentioned facility. The assessment was conducted at the client's request because Chevron was planning to replace the BGT. Activities included initial site assessment activities, sampling and analysis, removal of contaminated soil, documentation, and reporting.

ACTIVITIES PERFORMED

Envirotech, Inc. was contacted on October 22, 2008, to perform an assessment on a BGT located at the above mentioned facility. Upon arrival, a Chevron specific tailgate safety meeting was conducted and a site assessment was performed. Due to the proximity of the site to a first order tributary of the Little Palluche Wash, the site was ranked a 20 pursuant to the New Mexico Oil Conservation Division (NMOCD) Guideline for Remediation of Leaks, Spills, and Releases. This set the closure standard to 100 ppm total petroleum hydrocarbons (TPH) and 100 ppm organic vapors (OV). At this site, a composite sample was collected from beneath the location of the tank at approximately six (6) feet below ground surface (BGS) using a hand auger. The sample was analyzed in the field for TPH via USEPA Method 418.1. The sample returned results above the 100 ppm TPH standard determined for this site at 7,330 ppm, confirming that a release had occurred. The sample was then collected into a four (4)-ounce glass jar, capped headspace free, and transported with ice under chain of custody to Envirotech's laboratory to be analyzed for TPH via USEPA Method 8015, BTEX via USEPA Method 8021, and for chlorides via USEPA Method 4500B. The sample returned results that were below the 0.2 ppm benzene standard and the 50 ppm total BTEX standard, but above the 100 ppm TPH standard at 314 ppm. The sample returned results of 45 ppm total chlorides. There is currently no cleanup standard for chlorides per the NMOCD Guidelines for the Remediation of Leaks, Spills, and Releases. These results confirmed that a release had occurred and that excavation would be necessary. The original report submitted to Chevron can be referenced in ***Appendix D, Submitted Reports.***

Envirotech, Inc. returned to the site on February 4, 2009, to perform confirmation sampling activities. Prior to Envirotech's arrival, the BGT had been removed and the spill area beneath it had been excavated to approximately 13' x 13' x 7' deep, by Crossfire. Two (2) composite samples were collected from this excavation. One (1) composite sample was collected from the bottom at seven (7) feet and one (1) composite sample was collected from the four (4) walls. Each of these samples were analyzed in the field for TPH via USEPA Method 418.1 and for OV using a PID. Both samples returned results above the 100 ppm standard for TPH and for OV; see ***Table 1, Analytical Results***. Excavation continued to approximately 19' x 19' x 10' deep, where additional composite samples were collected. A composite sample was collected from each of the four (4) walls at extents of excavation of 19' x 19' to determine the levels of

contamination in each wall, and one (1) sample was collected from the bottom of the excavation at 10' deep. Each of the five (5) samples were analyzed in the field for TPH via USEPA Method 418.1 and for OV using a PID. The sample collected from the south wall was below the 100 ppm standard for TPH and OV. Samples collected from the north wall, east wall, and west wall were all above the 100 ppm standard for TPH, with the samples collected from the north wall and the east wall returning results above the 100 ppm OV standard as well. The sample collected from the bottom was above the 100 ppm TPH standard and the 100 ppm OV standard. For sample analysis results, please see ***Table 1, Analytical Results***. Due to the levels of contamination still present in this excavated area, Chevron was inclined to halt excavation for the time being and collected more data to determine to size of the release. The original report submitted to Chevron can be referenced in ***Appendix D, Submitted Reports.***

Envirotech, Inc. returned to the site on April 2, 2009, to conduct an assessment of the site in order to determine the potential extents of the contamination. Using a flighted auger and a rotary hammer, several borings were performed surrounding the excavated area to determine the horizontal extents of the contamination. The horizontal extents of contamination were estimated to be 28' x 25'. A vertical boring was also done in the center of the excavation to determine the approximate vertical extents of the contamination as well. The vertical extents of the contamination were estimated at 22' BGS. This assessment estimated the extents of the excavation to be approximately 28' x 25' x 22' deep. A report detailing these assessment activities was submitted to Mr. Doug Elworthy with Chevron on April 3, 2009. The original report submitted to Chevron can be referenced in ***Appendix D, Submitted Reports.***

On April 20, 2009, Envirotech, Inc. returned to the site to perform closure sampling activities. Prior to Envirotech's arrival, the area of contamination had been excavated to approximately 28' x 25' x 19' deep, by Crossfire. Four (4) composite samples were collected from the excavation, one (1) from each of the four (4) walls. Each of these samples were analyzed in the field for TPH via USEPA Method 418.1 and for OV using a PID. All four (4) samples returned results that were below the 100 ppm OV standard, and the samples collected from the east wall, west wall, and south wall all returned results that were below the 100 ppm TPH standard as well. Only the north wall returned results that were above the 100 ppm TPH standard at 860 ppm; see ***Table 1, Analytical Results***. At this time, contaminated soil was still being cleaned out of the excavation, and Envirotech, Inc. would return to collect additional closure samples the next day.

On April 21, 2009, Envirotech, Inc. returned to the site to continue closure sampling activities. The excavation had been cleaned out and final extents of excavation were 30' x 30' x 19' deep; see ***Figure 2, Site Map***. Three (3) composite samples were collected from the excavation. One (1) composite sample was collected from the bottom at 19' BGS and two (2) were collected from the north wall. One (1) sample was collected from the north wall near the bottom of the excavation and one (1) sample was collected from the north wall approximately in the middle of the wall. These samples were analyzed in the field for TPH via USEPA Method 418.1 and for OV using a PID. All three (3) samples returned results that were below both the 100 ppm TPH standard and the 100 ppm OV standard; see ***Table 1, Analytical Results***.

Approximately 625 cubic yards of material was transported to Envirotech's NMOCD Permitted Soil Remediation Facility Landfarm #2; see ***Appendix C, Bills of Lading***. Soil from Envirotech's virgin fill stockpile was transported to the Rincon Lateral CDP #2 site to backfill the excavated area.

SUMMARY AND CONCLUSIONS

Site assessment, closure sampling, and contaminated soil removal activities were performed for a Chevron Mid-Continent release located at the Rincon Lateral CDP #2 site located in Section 1, Township 26N, Range 7W, Rio Arriba County, New Mexico. A total of approximately 625 cubic yards of contaminated soil were transported to Envirotech's NMOCD Permitted Soil Remediation Facility Landfarm #2 at Hilltop, New Mexico; see ***Appendix 3, Bills of Lading***. Envirotech, Inc. recommends that no further action is required in regards to this incident.

STATEMENT OF LIMITATIONS

Envirotech, Inc. has completed the site assessment, closure sampling, and contaminated soil hauling activities for a Chevron North America release at the Rincon Lateral CDP #2 site located in Section 1, Township 26N, Range 7W, Rio Arriba County, New Mexico. The work and services provided by Envirotech, Inc. were in accordance with the New Mexico Oil Conservation Division standards. All observations and conclusions provided here are based on the information and current site conditions found at the site of the incident.

The undersigned has conducted this service at the above referenced site. This work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry, and hydrogeology.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,

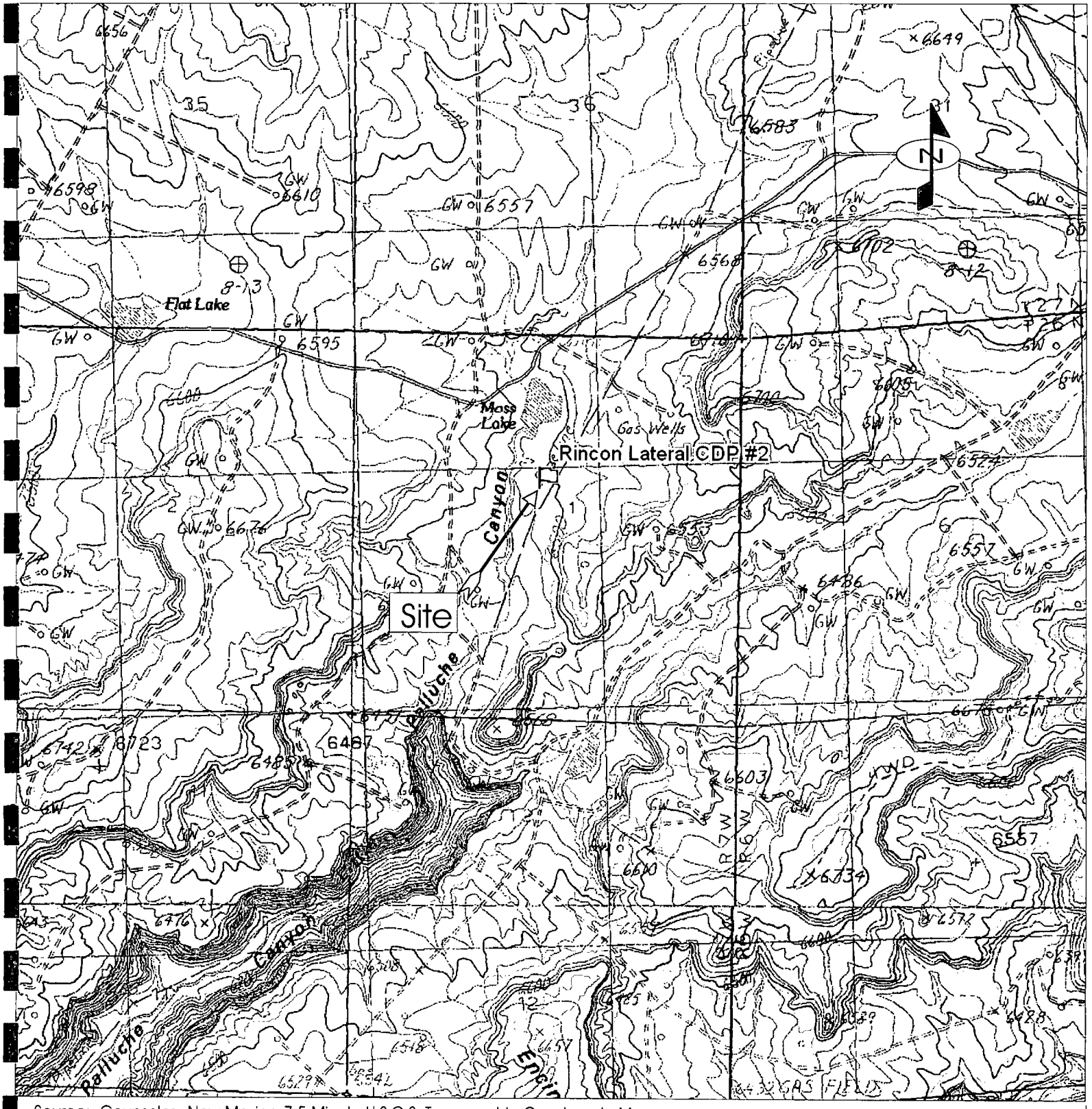
ENVIROTECH, INC.

James McDaniel
Project Scientist
jmcdaniel@envirotech-inc.com

Reviewed by:

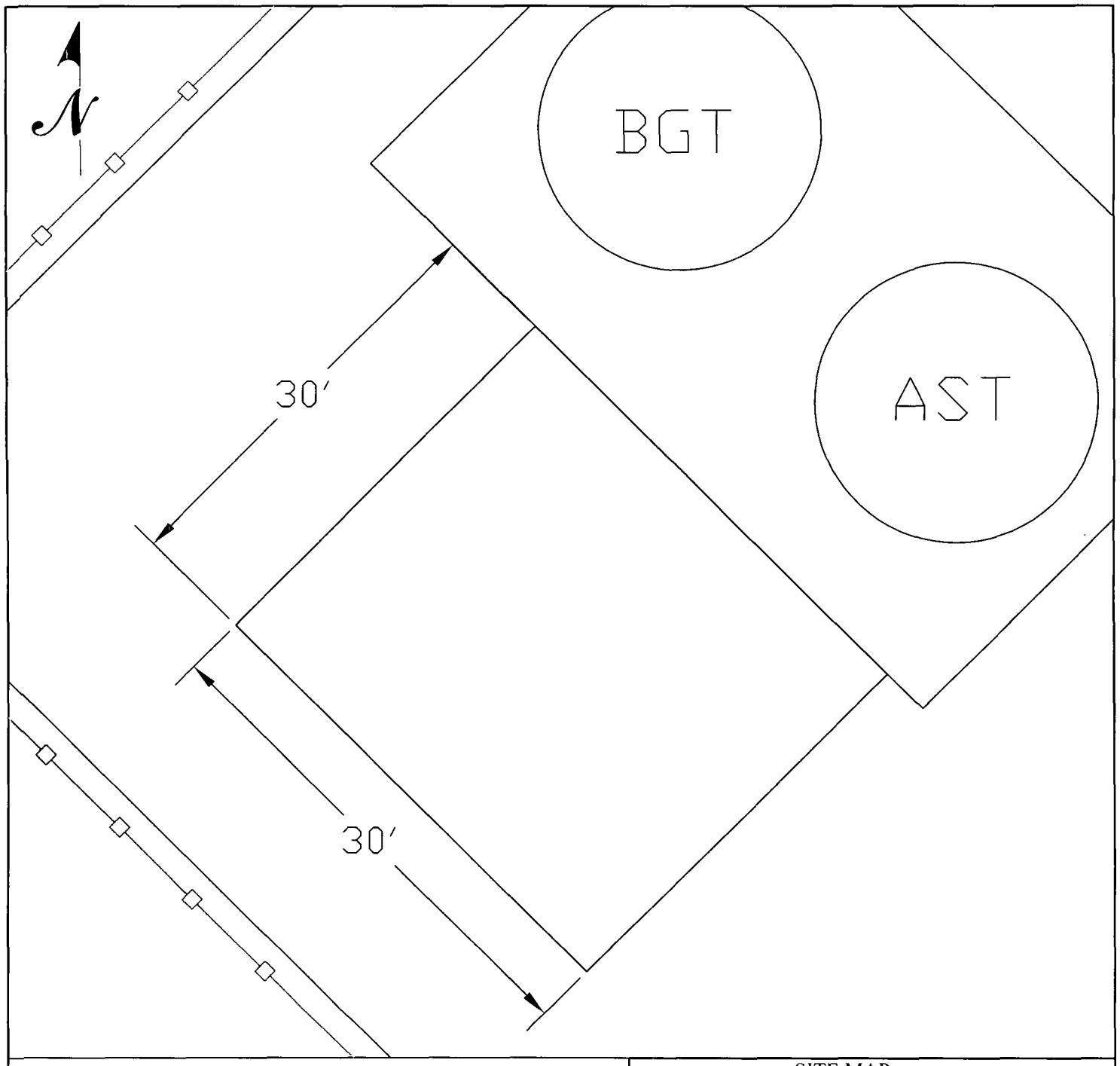
CERTIFIED HAZARDOUS MATERIALS MANAGER
KYLE P. KERR
14877
CHMM

Kyle P. Kerr, CHMM
Senior Environmental Scientist/Manager
kpkerr@envirotech-inc.com



Source: Counselor, New Mexico 7.5 Minute U.S.G.S. Topographic Quadrangle Map
Scale: 1:24,000 1" = 2000'

Chevron Mid-Continent Rincon Lateral CDP #2 Section 1, Township 26N, Range 7W Rio Arriba County, New Mexico	ENVIROTECH INC. ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64 FARMINGTON, NEW MEXICO 87401 PHONE (505) 632-0615	Vicinity Map Figure 1
PROJECT No 92270-0422 | Date Drawn: 4/30/09		DRAWN BY: James McDaniel | PROJECT MANAGER: Kyle P. Kerr



LEGEND

- Spill Excavation
- Berm
- Fencing

SITE MAP
Chevron North America
Rincon Lateral #2 CDP
Sec 1, Twp 26N, Rge 7W
Rio Arriba County, New Mexico

SCALE: NTS	FIGURE NO. 1	REV
PROJECT NO92270-0422		

REVISIONS

NO.	DATE	BY	DESCRIPTION

MAP DRWN	JPM	DATE	4/30/09

envirotech

5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

TABLES

Table 1, Analytical Results

Table 1, Analytical Results
Closure Report
Chevron Mid-Continent's
Rincon Lateral CDP #2
Project No. 92270-0422
April 2009

Sample Number	Sample Description	Date	TPH (ppm) EPA Method 418.1	BTEX (ppm) EPA Method 8021	Benzene (ppm) EPA Method 8021	OVM (ppm)	DRO/GRO (ppm) EPA Method 8015
NA	NMOCD Standards	NA	100	50	10	100	100
1	Below Tank Bottom @ 6' BGS	10/22/2008	**7330**	3.87	ND	NS	**314**
1	5Pt. Comp/Bottom @ 7'	2/4/2009	**5820**	NS	NS	**2988**	NS
2	4Pt. Comp/Walls	2/4/2009	**384**	NS	NS	**814**	NS
3	5Pt. Comp/Bottom @ 10'	2/4/2009	**2280**	NS	NS	**2107**	NS
4	East Wall - 13' x 13'	2/4/2009	**2790**	NS	NS	**2634**	NS
5	North Wall - 13' x 13'	2/4/2009	**1780**	NS	NS	**268**	NS
6	South Wall - 13' x 13'	2/4/2009	52	NS	NS	6.5	NS
7	West Wall - 13' x 13'	2/4/2009	**224**	NS	NS	9.9	NS
1	North Wall - 28' x 25'	4/20/2009	**860**	NS	NS	76.2	NS
2	West Wall - 28' x 25'	4/20/2009	52	NS	NS	0	NS
3	East Wall - 28' x 25'	4/20/2009	ND	NS	NS	0	NS
4	South Wall - 28' x 25'	4/20/2009	ND	NS	NS	0	NS
1	Bottom Composite @ 19' BGS	4/21/2009	96	NS	NS	10	NS
2	North Wall #1 - 30' x 30'	4/21/2009	44	NS	NS	1.2	NS
3	North Wall #2 - 30' x 30'	4/21/2009	40	NS	NS	3	NS

APPENDIX A

Site Photography

CHEVRON MID-CONTINENT'S
CLOSURE REPORT
RINCON LATERAL CDP #2
RIO ARRIBA COUNTY, NEW MEXICO
PROJECT NO. 92270-0422

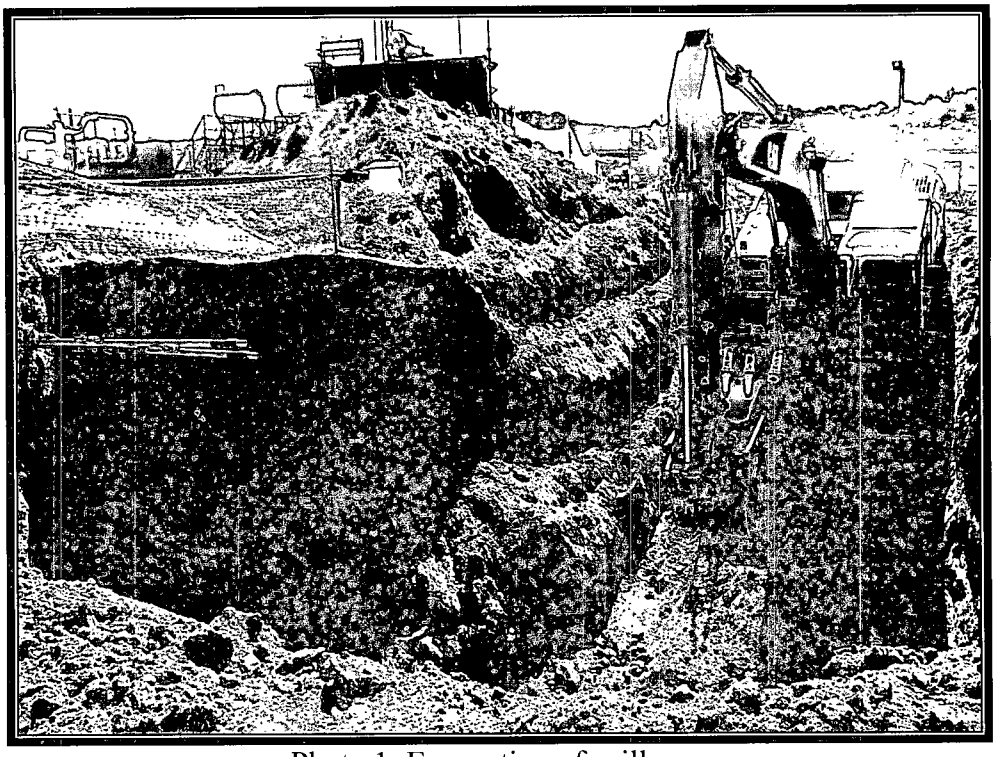


Photo 1: Excavation of spill area

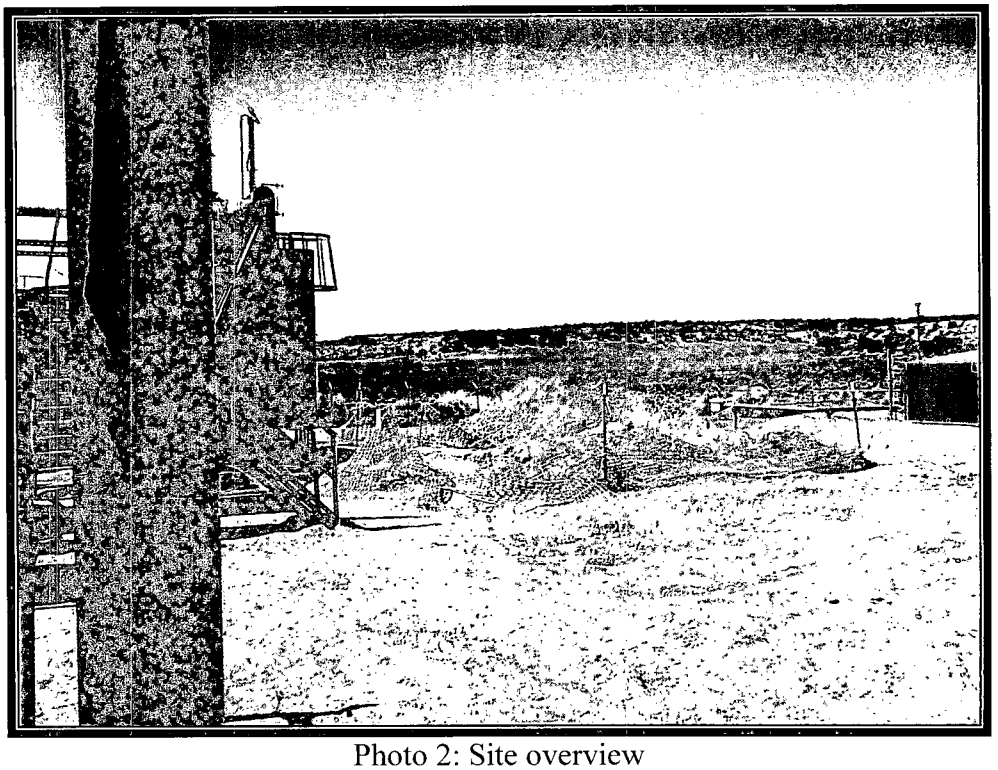


Photo 2: Site overview

APPENDIX B

Analytical Results

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron	Project #:	92270-0422
Sample No.:	1	Date Reported:	4/20/2009
Sample ID:	North Wall 28' x 25'	Date Sampled:	4/20/2009
Sample Matrix:	Soil	Date Analyzed:	5/1/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**860**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

James McDaniel
Printed

Greg Crabtree
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron	Project #:	92270-0422
Sample No.:	2	Date Reported:	4/20/2009
Sample ID:	West Wall 28' x 25'	Date Sampled:	4/20/2009
Sample Matrix:	Soil	Date Analyzed:	5/1/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**52**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

James McDaniel
Printed

Greg Crabtree
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron	Project #:	92270-0422
Sample No.:	3	Date Reported:	4/20/2009
Sample ID:	East Wall 28' x 25'	Date Sampled:	4/20/2009
Sample Matrix:	Soil	Date Analyzed:	5/1/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

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

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

James McDaniel
Printed

Greg Crabtree
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505)632-0615 Fr (800)362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron	Project #:	92270-0422
Sample No.:	4	Date Reported:	4/20/2009
Sample ID:	South Wall 28' x 25'	Date Sampled:	4/20/2009
Sample Matrix:	Soil	Date Analyzed:	5/1/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

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

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

James McDaniel
Printed

Greg Crabtree
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 20-Apr-09

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	202
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Analyst — Date: 5/1/09

James McDaniel
Print Name

Review — Date: 5/1/09

Greg Crabtree
Print Name

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron	Project #:	92270-0422
Sample No.:	1	Date Reported:	4/21/2009
Sample ID:	Bottom Comp @19' BGS	Date Sampled:	4/21/2009
Sample Matrix:	Soil	Date Analyzed:	5/1/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**96**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Rachel Nielsen
Analyst

Rachel Nielsen
Printed

James McDaniel
Printed

796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron	Project #:	92270-0422
Sample No.:	2	Date Reported:	4/21/2009
Sample ID:	North Wall #1 - 30' x 30'	Date Sampled:	4/21/2009
Sample Matrix:	Soil	Date Analyzed:	5/1/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**44**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Rachel Nielsen
Analyst

Rachel Nielsen
Printed

James McDaniel
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron	Project #:	92270-0422
Sample No.:	3	Date Reported:	4/21/2009
Sample ID:	North Wall #2 - 30' x 30'	Date Sampled:	4/21/2009
Sample Matrix:	Soil	Date Analyzed:	5/1/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**40**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Rachel Nielsen
Analyst

Rachel Nielsen
Printed

James McDaniel
Printed

796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 , Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 21-Apr-09

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	210
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Rachael Nielsen
Analyst

5/1/09
Date

Rachael Nielsen
Print Name

Review

5/1/09
Date

James McDaniel
Print Name

796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

APPENDIX C

Bill of Lading

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

92270-0430
Form C-138
Revised March 12, 2007

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. **Generator Name and Address:**
Chevron in C/O of Rodney Bailey
15 Smith Road
Midland, TX 79705

2. **Originating Site:** Lateral CPD #2

3. **Location of Material (Street Address, City, State or ULSTR):**
Section 1 Township 26N Range 7W NW/SE – Rio Arriba County, New Mexico

4. **Source and Description of Waste:** Some of the dirt underneath both abandoned below ground tanks needs to be removed and land farmed. Samples from both sites (Chain of Custody Record 5635 and 5647) have been tested and the solids have been approved to be land farmed

Estimated Volume 500 yd^3 Known Volume (to be entered by the operator at the end of the haul) yd^3 625

5. **GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS**

I, John Cannon, representative or authorized agent for Chevron do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)

☐ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. *Operator Use Only: Waste Acceptance Frequency ☐ Monthly ☐ Weekly ☐ Per Load*

☒ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)

☐ MSDS Information ☒ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, John Cannon, representative for Chevron do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.

5. **Transporter:** Crossfire

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: Envirotech Inc. Soil Remediation Facility Permit # NM-01-0011

Address of Facility: Hilltop New Mexico

Method of Treatment and/or Disposal:

☐ Evaporation ☐ Injection ☐ Treating Plant ☒ Landfarm ☐ Landfill ☐ Other

Waste Acceptance Status: ☒ **APPROVED** ☐ **DENIED** (Must Be Maintained As Permanent Record)

PRINT NAME: April E Pohl TITLE: Land Farm Administrator DATE: 4-16-09

SIGNATURE: April E Pohl TELEPHONE NO.: 505-632-0615

Surface Waste Management Facility Authorized Agent

envirotech

Bill of Lading

MANIFEST # 33226

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 4/16/09 JOB# 92270-0430

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Chevron Lybrook #1 Comp	LF-2	Cont Soil	K1	20		E-Tech	609	1:35	
2	" "		" "	K1	20		" "	617	1:35	
3	" "	LF II	" "	M4	20		" "	616	2:35	
4	" "	" "	" "	M4	20		" "	553	3:00	
5	" "	" "	" "	M4	20		" "	553	3:00	
6	" "	" "	" "	K1	20		Jackson	22		
7	" "	" "	" "	K1	22		P. Kings	27		
					142					

RESULTS:

<298	CHLORIDE TEST	7
	PAINT FILTER TEST	7

LANDFARM EMPLOYEE: Dean Kvasnicka

NOTES: ENTERED APR 21 2009

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Jimmy Mikesh COMPANY Envirotech SIGNATURE

COMPANY CONTACT Sam Kay PHONE DATE 4-16-09 4/17/09

envirotech

Bill of Lading

MANIFEST # 33235

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 4-17-09 JOB# 92270-0430

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Chaco Pit #2	L+H	Pit Soil	K1	20	—	E-tech	609	1132	
2	" "	"	"	K2	20	—	Rocksprings	22	1154	
3	" "	"	"	K2	20	—	Rocksprings	27	1159	
4	" "	"	"	K2	20	—	E-tech	616	1253	
5	" "	"	"	K2	20	—	E+tech	617	1253	
6	" "	"	"	K2	20	—	E+tech	553	1253	
7	" "	"	"	K2	20	—	E-tech	571	1253	
					140					

NOTES: ENTERED APR 2 1 2009

RESULTS:

<298	CHLORIDE TEST	7
	PAINT FILTER TEST	7

LANDFARM EMPLOYEE: Cory K (OOP)

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME [illegible] COMPANY Envirotech SIGNATURE

COMPANY CONTACT Sam Ray PHONE 1141 DATE 4-17-09

4/20/09

ACCENT Printing • Form 28-1212

envirotech Bill of Lading

MANIFEST # 33247

DATE 4-20-09 JOB# 92270-0430

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Chevron Lateral #2 Comp	LF-II	Cont. Soil	K-2	20	—	ETEC	609	11:00	
2	" "	" "	" "	K-2	20	—	Rocksprings	22	11:25	
3	" "	" "	" "	J-1	20	—	Rocksprings	25	11:25	
4	" "	" "	" "	J-1	20	—	Rocksprings	21	12:00	
5	" "	" "	" "	J-1	20	—	Rocksprings	27	12:00	
6	" "	" "	" "	J-1	20	—	E-Tec	617	12:30	
7	" "	" "	" "	J-1	20	—	E-Tec	515	12:30	
8	" "	" "	" "	J-1	20	—	E-Tec	616	12:30	
9	" "	" "	" "	J-2	20	—	ETEC	609	3:45	
10	" "	" "	" "	J-2	20	—	Rocksprings	22	4:57	
11	" "	" "	" "	J-2	20	—	Rocksprings	25	5:00	
12	" "	" "	" "	J-2	20	—	E-Tec	616	5:00	

NOTES:

ENTERED APR 2 1 2009

RESULTS:

<298	CHLORIDE TEST	12
	PAINT FILTER TEST	12

LANDFARM EMPLOYEE: Dean Kranse 243 (DK)

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Jimmy Mitchell COMPANY Envirotech SIGNATURE

COMPANY CONTACT Sam Ray PHONE DATE 4-20-09 4/21/09

ACCENT Printing • Form 28-1212

envirotech

Bill of Lading

MANIFEST # 33259

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 4-20-09 JOB# 92270-0430

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
	Thrush Lateral #2 Comp	L F II	Cont. Soil	J-2	20		Rockspring	21	5:30	Peter Montoya
2				J-2	20		" "	27	5:5	Mike Gallegos
					40					

RESULTS:

298	CHLORIDE TEST	2
	PAINT FILTER TEST	2

LANDFARM EMPLOYEE: JV

NOTES: ENTERED APR 21 2009

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME _____ COMPANY _____ SIGNATURE _____

COMPANY CONTACT Scott Rix PHONE _____ DATE 4-20-09

ACCENT Printing • Form 28-1212 4/21/09

envirotech

Bill of Lading

MANIFEST # 33265

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 4-21-09 JOB# 92270-0430

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Chevron Lodrick #2	LF-II	Cont soil	J-3	20	—	E-Tech	553	11:20	
2	" "	" "	" "	J-3	20	—	ETech	617	11:20	
					40					

RESULTS:

<298	CHLORIDE TEST	2
	PAINT FILTER TEST	2

LANDFARM EMPLOYEE: Dean Krause

NOTES: ENTERED APR 2 2 2009

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME William Wilson COMPANY Envirotech SIGNATURE

COMPANY CONTACT Sam PHONE 947-8326 DATE 4-21-09

4/22/09

envirotech

Bill of Lading

MANIFEST # 33280

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 4-22-09 JOB# 92270430

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Chevron Federal #2	LF = 2	Cont Soil	M 41	20		Envirotech	571	1245	
					20					

RESULTS:

<298	CHLORIDE TEST	1
	PAINT FILTER TEST	1

LANDFARM EMPLOYEE: Ryan Krause

NOTES: ENTERED APR 2 3 2009

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Danny Floyd COMPANY Envirotech SIGNATURE

COMPANY CONTACT Sam R. PHONE [illegible] DATE 4-22-09

4/23/09

ACCENT Printing • Form 28-1212

envirotech

Bill of Lading

MANIFEST # 33227

DATE 4-16-09 JOB# 92270-0430

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Envirotech	Chevron Lederich	Class F Fill	—	20	—	Envirotech	609	1:33	
2	"	"	"	—	20	—	"	617	1:35	
3	"	"	"	—	20	—	"	616	2:35	
4	"	"	"	—	20	—	"	553	3:30	
5	"	"	"	—	20	—	"	573	3:30	
6	"	"	"	—	20	—	Rocksprings	22		
7	"	"	"	—	20	—	"	27		
					140					

NOTES: ENTERED APR 21 2009

RESULTS:

CHLORIDE TEST	
PAINT FILTER TEST	

LANDFARM EMPLOYEE: Dean Kraise (DK)

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generato that no additional materials have been added."

NAME _____ COMPANY Envirotech SIGNATURE _____

COMPANY CONTACT _____ PHONE _____ DATE 4-16-09

ACCENT Printing • Form

envirotech

Bill of Lading

MANIFEST # 33248

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 4-20-09 JOB# 92210-0430

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	ENVIROTECH	CHEVRON Industrial Facility	CLEAN FILL SOIL	—	20	—	ETEC	609	11:15	
2	" "	" "	" "	—	20	—	Rocksprings	22	11:35	
3	" "	" "	" "	—	20	—	Rocksprings	25	11:35	Pete Lee
4	" "	" "	" "	—	20	—	Rocksprings	27	12:15	
5	ENVIROTECH	" "	" "	—	20	—	Rocksprings	21	12:15	
6	" "	" "	" "	—	20	—	E-Tech	616	12:51	
					120					

RESULTS:

	CHLORIDE TEST	
	PAINT FILTER TEST	

LANDFARM EMPLOYEE: Dean Krause

NOTES: ENTERED APR 2 1 2009

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Jimmy Mitchell COMPANY Envirotech SIGNATURE

COMPANY CONTACT Sam Kay PHONE DATE 4-20-09

4/21/09

ACCENT Printing • Form 28-1212

APPENDIX D

Submitted Reports

October 23, 2008 Project No.92270-0337

Mr. Rodney Bailey
Environmental Specialist
Chevron USA
15 Smith Road
Midland, TX 79705

Phone: (432) 687-7123
Cell: (432) 894-3519

RE: ENVIRONMENTAL SAMPLING FOR A BELOW GRADE TANK CLOSURE AT THE RINCON LATERAL #2 COMPRESSOR STATION, RIO ARRIBA COUNTY, NEW MEXICO

Dear Mr. Bailey,

Enclosed, please find the field notes and analyses for a below-grade tank (BGT) closure performed at the Rincon Lateral #2 Compressor Station. A 5-point composite sample was collected from beneath the former location of a BGT for spill confirmation. The composite was analyzed in the field for total petroleum hydrocarbons (TPH) via USEPA Method 418.1 and for organic vapors using a Photo Ionization Detector (PID). The sample was above the 100 ppm limit for TPH therefore confirming that a release had occurred.

The cleanup standard for the site was then determined to be 100 ppm TPH and 100 ppm for organic vapors based on the proximity of the site to a wash. Field analysis showed a TPH reading of approximately 7330 ppm and a PID reading of 337 ppm directly below the tank. Envirotech recommends further excavation until samples are below the site specific closure standards.

Respectfully Submitted,
ENVIROTECH, INC.

Greg Crabtree
Project Engineer
gcrabtree@envirotech-inc.com

Enclosure: Field Analysis

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron	Project #:	92270-155
Sample No.:	1	Date Reported:	10/23/2008
Sample ID:	Below Bottom of Tank@ 6' BGS	Date Sampled:	10/22/2008
Sample Matrix:	Soil	Date Analyzed:	10/22/2008
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**7,330**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral #2 Compressor Station**

Instrument callibrated to 200 ppm standard. Zeroed before each sample

Analyst

Josh Kirchner
Printed

Review

Greg Crabtree
Printed

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 22-Oct-08

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	201
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Josh Kirchner
Analyst

10/24/08
Date

Josh Kirchner
Print Name

Greg Crabtree
Review

10/23/08
Date

Greg Crabtree
Print Name

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Chevron	Project #:	92270-0335
Sample ID:	1	Date Reported:	10-29-08
Laboratory Number:	47895	Date Sampled:	10-22-08
Chain of Custody:	5635	Date Received:	10-27-08
Sample Matrix:	Soil	Date Analyzed:	10-28-08
Preservative:	Cool	Date Extracted:	10-27-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**0.9**
Toluene	**124**	**1.0**
Ethylbenzene	**181**	**1.0**
p,m-Xylene	**2,950**	**1.2**
o-Xylene	**611**	**0.9**
Total BTEX	**3,870**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**96.0 %**
	1,4-difluorobenzene	**96.0 %**
	Bromochlorobenzene	**96.0 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Lateral 2**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615 • Fax 505-632-1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	10-28-BT QA/QC	Date Reported:	10-29-08
Laboratory Number:	47828	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-28-08
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc.	Detect. Limit
Benzene	4.8971E+007	4.9069E+007	**0.2%**	**ND**	**0.1**
Toluene	3.6215E+007	3.6287E+007	**0.2%**	**ND**	**0.1**
Ethylbenzene	2.7584E+007	2.7639E+007	**0.2%**	**ND**	**0.1**
p,m-Xylene	5.9847E+007	5.9967E+007	**0.2%**	**ND**	**0.1**
o-Xylene	2.7347E+007	2.7402E+007	**0.2%**	**ND**	**0.1**

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	**ND**	**ND**	**0.0%**	**0 - 30%**	**0.9**
Toluene	**4.0**	**4.1**	**2.5%**	**0 - 30%**	**1.0**
Ethylbenzene	**2.5**	**2.4**	**4.0%**	**0 - 30%**	**1.0**
p,m-Xylene	**5.5**	**5.6**	**1.8%**	**0 - 30%**	**1.2**
o-Xylene	**3.1**	**2.9**	**6.5%**	**0 - 30%**	**0.9**

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	**ND**	**50.0**	**49.0**	**98.0%**	**39 - 150**
Toluene	**4.0**	**50.0**	**49.0**	**90.7%**	**46 - 148**
Ethylbenzene	**2.5**	**50.0**	**50.5**	**96.2%**	**32 - 160**
p,m-Xylene	**5.5**	**100**	**98**	**92.4%**	**46 - 148**
o-Xylene	**3.1**	**50.0**	**50.1**	**94.4%**	**46 - 148**

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for Samples 47828, 47830, 47873, 47891, 47892, 47894, 47895, 47897, and 47907.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615 • Fax 505-632-1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Chevron	Project #:	92270-0335
Sample ID:	1	Date Reported:	10-29-08
Laboratory Number:	47895	Date Sampled:	10-22-08
Chain of Custody No:	5635	Date Received:	10-27-08
Sample Matrix:	Soil	Date Extracted:	10-27-08
Preservative:	Cool	Date Analyzed:	10-28-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**178**	**0.2**
Diesel Range (C10 - C28)	**136**	**0.1**
Total Petroleum Hydrocarbons	**314**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Lateral 2**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615 • Fax 505-632-1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-28-08 QA/QC	Date Reported:	10-29-08
Laboratory Number:	47828	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-28-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.0103E+003	1.0107E+003	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	9.9348E+002	9.9387E+002	**0.04%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**246**	**98.4%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**252**	**101%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 47828, 47830, 47891, 47892, 47894, 47895, and 47897.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615 • Fax 505-632-1865

envirotech
Analytical Laboratory

Chloride

Client:	Chevron	Project #:	92270-0335
Sample ID:	1	Date Reported:	10-30-08
Lab ID#:	47895	Date Sampled:	10-22-08
Sample Matrix:	Soil Extract	Date Received:	10-27-08
Preservative:	Cool	Date Analyzed:	10-29-08
Condition:	Intact	Chain of Custody:	5635

Parameter	Concentration (mg/L)
Total Chloride	**45**

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Lateral 2.**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

CHAIN OF CUSTODY RECORD

5635

Client:	Project Name / Location:
Chevron	LATERAL 2
Client Address:	Sampler Name: JKirchner
Client Phone No.:	Client No.: 92270-0335

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HCl	Preservative	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
1	10-22	1215	47895	(Soil circled) Soil Solid Sludge Aqueous	1 4oz			Cool	X	X								X				✓	✓
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			
				Soil Solid Sludge Aqueous																			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	10-27-08	7:15	[signature]	10/27/08	7:15
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615

envirotech

February 6, 2009 Project No. 92270-0337

Mr. Doug Elworthy
Chevron North America
332 County Road 3100
P.O. Box 370
Aztec, New Mexico 87410

RE: CONFIRMATION SAMPLING DOCUMENTATION
LATERAL #2 CDP, RIO ARRIBA COUNTY, NEW MEXICO

Dear Mr. Elworthy,

Enclosed please find the field notes and analyses for confirmation sampling activities performed at the Lateral #2 CDP located in Section 1, Township 26N, Range 7W, Rio Arriba County, New Mexico. Prior to Envirotech's arrival, the area of release had been excavated to approximately 13' x 13' x 7' deep. Upon Envirotech's arrival, a brief site assessment was conducted and the cleanup standard for the site was determined to be 100 ppm for TPH and 100 ppm for organic vapors, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases.

Two (2) samples were collected from the excavation. One composite (1) sample was collected from the four (4) walls and one (1) composite sample was collected from the bottom of the excavation at seven (7) feet below ground surface (BGS). The samples were analyzed in the field for total petroleum hydrocarbons (TPH) via USEPA Method 418.1 and for organic vapors using a Photo Ionization Detector (PID). Both samples were above the regulatory standards of 100 ppm for TPH and 100 ppm for organic vapors; therefore, excavation continued to approximately 19' x 19' x 10' deep.

Five (5) additional composite samples were collected from the excavation. Four (4) composite samples were collected from each of the four (4) walls and one (1) composite was collected from the bottom of the excavation at ten (10) feet BGS. The five (5) composite samples were analyzed in the field for TPH using USEPA Method 418.1 and for organic vapors using a PID. The sample collected from the south wall was below the regulatory standards of 100 ppm for TPH and 100 ppm for organic vapors. The samples collected from the north and east walls were above the regulatory standards of 100 ppm for TPH and 100 ppm for organic vapors. The sample collected from the west wall was below the regulatory standard of 100 ppm for organic vapors; however, the sample was above the regulatory standard of 100 ppm for TPH. Envirotech, Inc. recommends further excavation and additional sampling activities be performed at this site.

Respectfully Submitted,

ENVIROTECH, INC.

Roynell Benally
Sr. Environmental Technician
rbenally@envirotech-inc.com

Enclosure(s) Field Notes
Analytical Results

Cc: Client File No. 92270

Table 1, Analytical Results
Lateral #2 CDP
Confirmation Sampling
Project No. 92270-0337

Sample Number	Sample Description	Date	OVM (ppm)	USEPA Method 418.1
NA	NMOCD Standards	NA	100	100
1	5Pt. Comp/Bottom @ 7'	2/4/2009	**2988**	**5820**
2	4Pt. Comp/Walls	2/4/2009	**814**	**384**
3	5Pt. Comp/Bottom @ 10'	2/4/2009	**2107**	**2280**
4	East Wall	2/4/2009	**2634**	**2790**
5	North Wall	2/4/2009	**268**	**1780**
6	South Wall	2/4/2009	6.5	52
7	West Wall	2/4/2009	9.9	**244**

* Numbers in **BOLD** are above NMOCD Standards

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron	Project #:	92270-0337
Sample No.:	1	Date Reported:	2/4/2009
Sample ID:	5pt Comp/Bottom @ 7'	Date Sampled:	2/4/2009
Sample Matrix:	Soil	Date Analyzed:	5/1/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**5,820**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Roynell Benally
Printed

James McDaniel
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron	Project #:	92270-0337
Sample No.:	2	Date Reported:	2/4/2009
Sample ID:	4pt Comp/Walls	Date Sampled:	2/4/2009
Sample Matrix:	Soil	Date Analyzed:	5/1/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**384**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Roynell Benally
Printed

James McDaniel
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron	Project #:	92270-0337
Sample No.:	3	Date Reported:	2/4/2009
Sample ID:	5pt Comp/Bottom @10'	Date Sampled:	2/4/2009
Sample Matrix:	Soil	Date Analyzed:	5/1/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**2,280**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Roynell Benally
Printed

James McDaniel
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron	Project #:	92270-0337
Sample No.:	4	Date Reported:	2/4/2009
Sample ID:	East Wall - 19' x 19'	Date Sampled:	2/4/2009
Sample Matrix:	Soil	Date Analyzed:	5/1/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**2,790**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Roynell Benally
Printed

James McDaniel
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron	Project #:	92270-0337
Sample No.:	5	Date Reported:	2/4/2009
Sample ID:	North Wall - 19' x 19'	Date Sampled:	2/4/2009
Sample Matrix:	Soil	Date Analyzed:	5/1/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**1,780**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Roynell Benally
Printed

James McDaniel
Printed

796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron	Project #:	92270-0337
Sample No.:	6	Date Reported:	2/4/2009
Sample ID:	South Wall - 19' x 19'	Date Sampled:	2/4/2009
Sample Matrix:	Soil	Date Analyzed:	5/1/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**52**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Roynell Benally
Printed

James McDaniel
Printed

796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron	Project #:	92270-0337
Sample No.:	7	Date Reported:	2/4/2009
Sample ID:	West Wall - 19' x 19'	Date Sampled:	2/4/2009
Sample Matrix:	Soil	Date Analyzed:	5/1/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**224**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Roynell Benally
Printed

James McDaniel
Printed

796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 4-Feb-09

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	197
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Analyst

5/1/09
Date

Roynell Benally
Print Name

Review

5/1/09
Date

James McDaniel
Print Name

envirotech

April 16, 2009 Project No. 92270-0422

Mr. Doug Elworthy
Chevron North America
126 Rock Point Drive, Suite B
Durango, Colorado 81301 Cell: (970) 759-1204

RE: SPILL ASSESSMENT AT THE RINCON LATERAL CDP #2 COMPRESSOR STATION

Dear Mr. Elworthy:

On April 2, 2009, Envirotech, Inc. conducted an assessment at the above mentioned location to delineate the extent of contamination around the area of excavation where a below grade tank (BGT) had previously been located. Prior to Envirotech's arrival the area had been excavated to extents of 23' x 20' x 8' deep. Upon arrival, a brief site assessment was performed and the site was ranked pursuant to the New Mexico Oil Conservation Divisions Guidelines for Remediation of Leaks, Spills and Releases. The site was ranked a 20 due to the proximity of the spill area to a nearby wash. The wash is a first order tributary of the Little Palluche Wash. This set the closure standards to 100 ppm total petroleum hydrocarbons (TPH) and 100 ppm organic vapors.

A composite sample was collected from each of the four (4) walls of the excavation and one (1) from the bottom at eight (8) feet below ground surface (BGS). Each of the samples were analyzed in the field for TPH via USEPA Method 418.1 and organic vapors using a Photo-Ionization Detector (PID). The bottom sample at eight (8) feet BGS, the west wall sample and the north wall sample returned results that were above the 100 ppm TPH standard for this site; but the east wall sample and the south wall sample were both below the 100 ppm TPH standard. All samples except the one collected from the north wall returned results that were below the 100 ppm organic vapor standard; see ***Analytical Results***.

Using a rotary hammer and hand auger, Envirotech personnel augured five (5) boreholes around the area of the excavation to delineate the horizontal extent of the contamination. Samples were collected from borehole #1 at seven (7) feet BGS, borehole #2 at seven (7) feet BGS and nine (9) feet BGS, borehole #3 at nine (9) feet BGS, borehole #4 at nine (9) feet BGS, and borehole #5 at ten (10) feet BGS. All samples were analyzed in the field for TPH via USEPA Method 418.1 and for organic vapors using a PID. See ***Site Map*** for borehole locations. All samples returned results that were below the 100 ppm TPH and 100 ppm organic vapors standard, except the sample collected from nine (9) feet BGS in soil boring #3; see ***Analytical Results***.

At this time, a borehole was hand augered in the middle of the opened excavation to determine the vertical extents of the contamination. A sample was collected from this borehole at twelve (12) feet BGS, sixteen (16) feet BGS, eighteen (18) feet BGS, twenty (20) feet BGS, and twenty-two (22) feet BGS. All samples were analyzed in the field for organic vapors using a PID. Samples from eighteen (18) feet BGS and twenty-two (22) feet BGS were also analyzed in the field for TPH via USEPA Method 418.1. The samples collected from twelve (12) feet BGS,

sixteen (16) feet BGS, and eighteen (18) feet BGS were above the 100 ppm standard for organic vapors, with the sample collected from eighteen (18) feet BGS returned results that were above the 100 ppm TPH standard as well; see ***Analytical Results***. Samples collected from twenty (20) feet BGS and from twenty-two (22) feet BGS were below the 100 ppm organic vapor standard, with the sample collected at twenty-two (22) feet BGS returning results that were below the 100 ppm TPH standard as well.

The table below summarizes the field sampling results.

Sample Name	TPH (ppm)	OV (ppm)
NMOCD Closure Standard	100	100
North Wall	7450	1294
South Wall	44	2
East Wall	72	59
West Wall	120	4
Bottom @ 8' bgs	112	66
Borehole 1 @ 7' bgs	40	2
Borehole 2 @ 7' bgs	48	2
Borehole 2 @ 9' bgs	52	2
Borehole 3 @ 9' bgs	152	2
Borehole 4 @ 9' bgs	16	2
Borehole 5 @ 10' bgs	92	0
Bottom @ 12' bgs	NS	1911
Bottom @ 16' bgs	NS	911
Bottom @ 18' bgs	4830	394
Bottom @ 20' bgs	NS	81
Bottom @ 22' bgs	40	7

Based on the field analysis Envirotech, Inc. recommends that the excavation be extended to the north by five (5) feet, to the west five (5) feet, and twenty-two (22) feet deeper to the final extents of 28' x 25' x 22' deep. Estimated cubic yardage of contaminated soil to be removed is 543 cubic yards. Actual yardage may vary once excavation is complete.

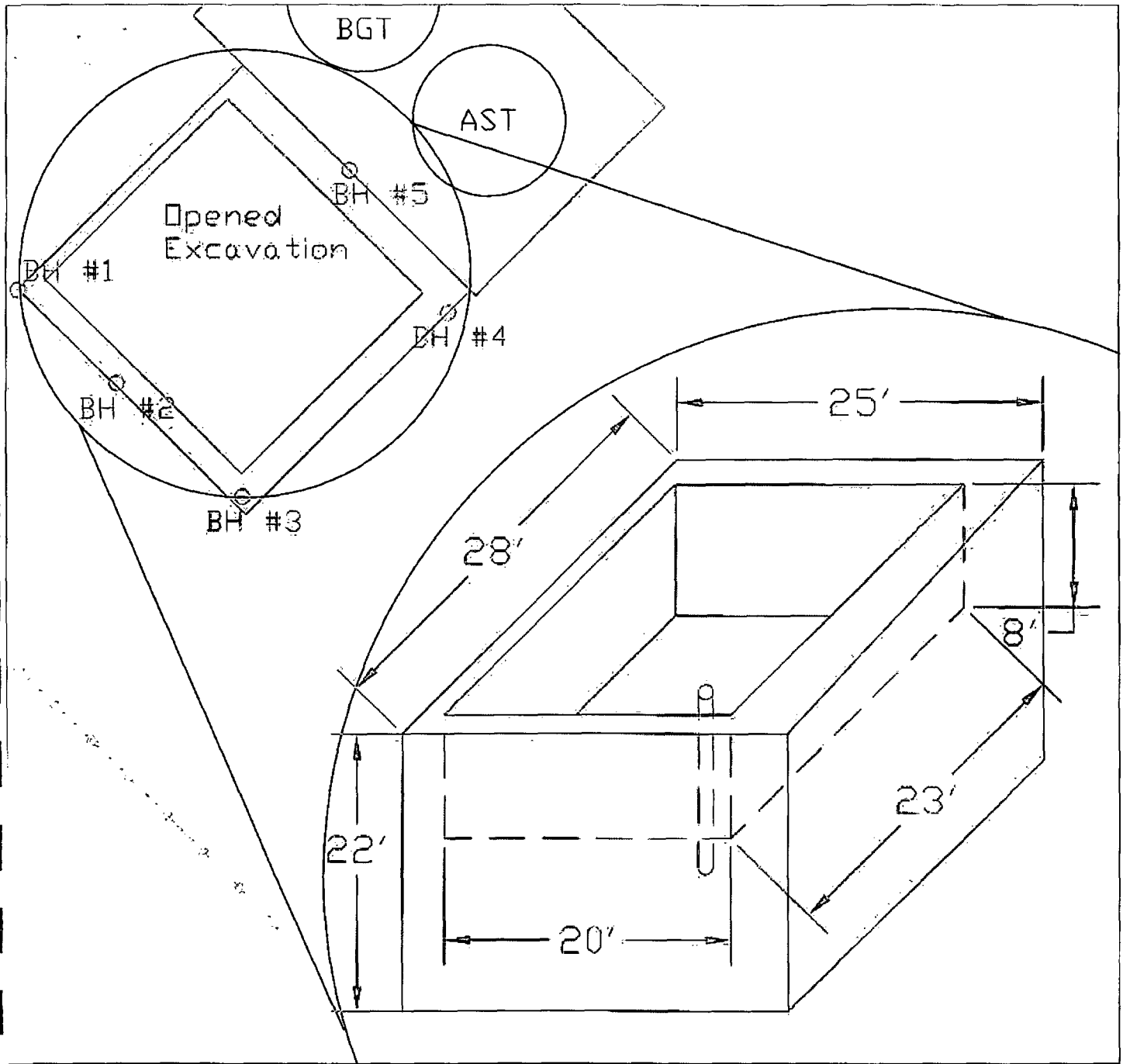
We appreciate the opportunity to be of service. Should you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,
ENVIROTECH, INC.

James McDaniel
Project Scientist
jmcdaniel@envirotech-inc.com

Enclosure: Laboratory Results and Site Map

Cc: Client File No. 92115



LEGEND

- Estimated Potential Excavation Extents
- Current Extents of Excavation
- Boreholes

SITE MAP
Rincon Lateral CDP #2
Sec 1, Twp 26N, Rge 7W
Rio Arriba County, New Mexico

SCALE: NTS	FIGURE NO. 1	REV
PROJECT NO92270-0422		

REVISIONS

NO.	DATE	BY	DESCRIPTION

MAP DRWN	JPM	DATE	4/3/09

envirotech
5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron Production	Project #:	92270-0422
Sample No.:	1	Date Reported:	4/3/2009
Sample ID:	North Wall	Date Sampled:	4/2/2009
Sample Matrix:	Soil	Date Analyzed:	4/2/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**7,450**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2 Compressor Station**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

James McDaniel
Printed

Review

Sherry Auckland
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505)632-0615 Fr (800)362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron Production	Project #:	92270-0422
Sample No.:	2	Date Reported:	4/3/2009
Sample ID:	South Wall	Date Sampled:	4/2/2009
Sample Matrix:	Soil	Date Analyzed:	4/2/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**44**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2 Compressor Station**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

James McDaniel
Printed

Review

Sherry Auckland
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron Production	Project #:	92270-0422
Sample No.:	3	Date Reported:	4/3/2009
Sample ID:	East Wall	Date Sampled:	4/2/2009
Sample Matrix:	Soil	Date Analyzed:	4/2/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**72**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2 Compressor Station**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

James McDaniel
Printed

Review

Sherry Auckland
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron Production	Project #:	92270-0422
Sample No.:	4	Date Reported:	4/3/2009
Sample ID:	West Wall	Date Sampled:	4/2/2009
Sample Matrix:	Soil	Date Analyzed:	4/2/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**120**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2 Compressor Station**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

James McDaniel
Printed

Review

Sherry Auckland
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Chevron Production	Project #:	92270-0422
Sample No.:	5	Date Reported:	4/3/2009
Sample ID:	Bottom @ 8' bgs	Date Sampled:	4/2/2009
Sample Matrix:	Soil	Date Analyzed:	4/2/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**112**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2 Compressor Station**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

James McDaniel
Printed

Review

Sherry Auckland
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505)632-0615 Fr (800)362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Chevron Production	Project #:	92270-0422
Sample No.:	6	Date Reported:	4/3/2009
Sample ID:	Borehole 1 @ 7' bgs	Date Sampled:	4/2/2009
Sample Matrix:	Soil	Date Analyzed:	4/2/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**40**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2 Compressor Station**

Instrument calibrated to 200-ppm standard. Zeroed before each sample

Analyst

James McDaniel
Printed

Review

Sherry Auckland
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron Production	Project #:	92270-0422
Sample No.:	7	Date Reported:	4/3/2009
Sample ID:	Borehole 2 @ 7' bgs	Date Sampled:	4/2/2009
Sample Matrix:	Soil	Date Analyzed:	4/2/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**48**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2 Compressor Station**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

James McDaniel
Printed

Review

Sherry Auckland
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron Production	Project #:	92270-0422
Sample No.:	8	Date Reported:	4/3/2009
Sample ID:	Borehole 2 @ 9' bgs	Date Sampled:	4/2/2009
Sample Matrix:	Soil	Date Analyzed:	4/2/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**52**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2 Compressor Station**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

James McDaniel
Printed

Review

Sherry Auckland
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Chevron Production	Project #:	92270-0422
Sample No.:	9	Date Reported:	4/3/2009
Sample ID:	Borehole 3 @ 9' bgs	Date Sampled:	4/2/2009
Sample Matrix:	Soil	Date Analyzed:	4/2/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**152**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2 Compressor Station**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

James McDaniel
Printed

Review

Sherry Auckland
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505)632-0615 Fr (800)362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Chevron Production	Project #:	92270-0422
Sample No.:	10	Date Reported:	4/3/2009
Sample ID:	Borehole 4 @ 9' bgs	Date Sampled:	4/2/2009
Sample Matrix:	Soil	Date Analyzed:	4/2/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**16**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2 Compressor Station**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

James McDaniel
Printed

Review

Sherry Auckland
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Chevron Production	Project #:	92270-0422
Sample No.:	11	Date Reported:	4/3/2009
Sample ID:	Borehole 5 @ 10' bgs	Date Sampled:	4/2/2009
Sample Matrix:	Soil	Date Analyzed:	4/2/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**92**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2 Compressor Station**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

James McDaniel
Printed

Review

Sherry Auckland
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505)632-0615 Fr (800)362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Chevron Production	Project #:	92270-0422
Sample No.:	12	Date Reported:	4/3/2009
Sample ID:	Bottom @ 18' bgs	Date Sampled:	4/2/2009
Sample Matrix:	Soil	Date Analyzed:	4/2/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**4,830**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2 Compressor Station**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

James McDaniel
Printed

Review

Sherry Auckland
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron Production	Project #:	92270-0422
Sample No.:	13	Date Reported:	4/3/2009
Sample ID:	Bottom @ 22' bgs	Date Sampled:	4/2/2009
Sample Matrix:	Soil	Date Analyzed:	4/2/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**40**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Rincon Lateral CDP #2 Compressor Station**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

James McDaniel
Printed

Review

Sherry Auckland
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

envirotech

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 2-Apr-09

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	190
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Analyst

4/3/09
Date

James McDaniel
Printed

Review

4/3/9
Date

Sherry Auckland
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505)632-0615 Fr (800)362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

Chevron

RECEIVED
2008 SEP 25 PM 2 41

David Estes
Field Coordinator
San Juan FMR
MidContinent/Alaska SBU

Chevron North America Exploration and Production
Chevron U.S.A. Production Company
PO Box 730
Farmington, NM 87410
Tel 505-334-7117

September 22, 2008

Mr. Leonard Lowe
Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Hydrostatic Test Results of Underground Piping, GW-070
Chevron USA Inc. Lateral #2 Compressor Station
Rio Arriba County, New Mexico

Dear Mr. Lowe,

Chevron USA Inc. operates the Lateral #2 Compressor Station located in Section 1, Township 26 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. As requested by you during the audit of the site on April 21, 2008 and in the Inspection Report dated May 7, 2008, enclosed are results of the hydrostatic tests of the underground pipelines at Lateral #2 Compressor Station.

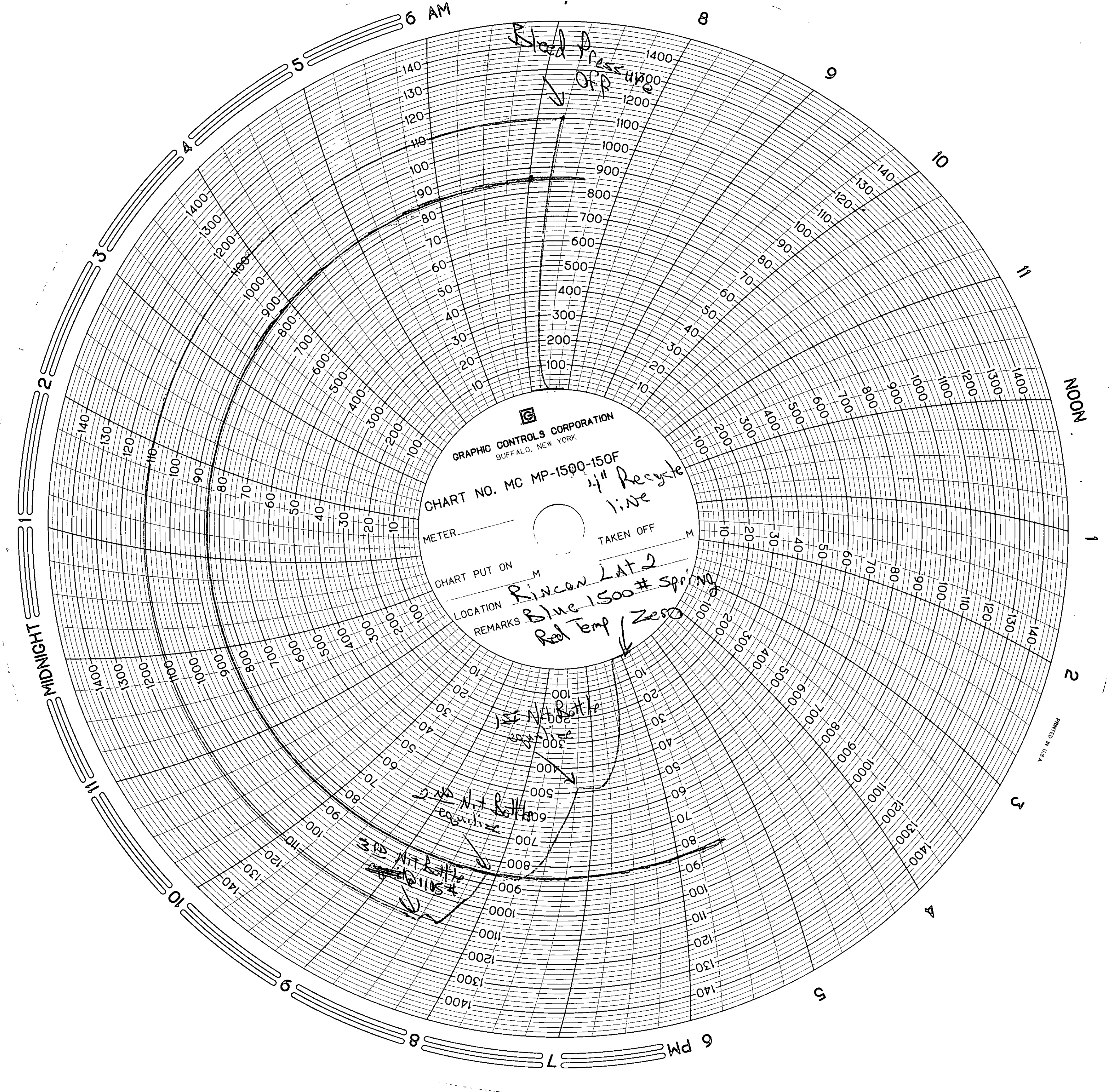
If you have any questions, please contact me at 505-334-7117 or Suzanne Shore at 281-561-3920.

Regards,

David Estes

David Estes

HOWE (NOTE)
open item # 2 from e-mail. closed.
↳ 9.25.08


GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
CHART NO. MC MP-1500-150F
4" Recycle line
METER
TAKEN OFF M
CHART PUT ON M
LOCATION Rincon LAt 2
REMARKS Blue 1500# Spring
Red Temp Zero
Bleed Pressure Off
1st Nit Bottle equilize
2nd Nit Bottle equilize
3rd Nit Bottle 1105#
6 AM
NOON
6 PM
MIDNIGHT
PRINTED IN U.S.A.

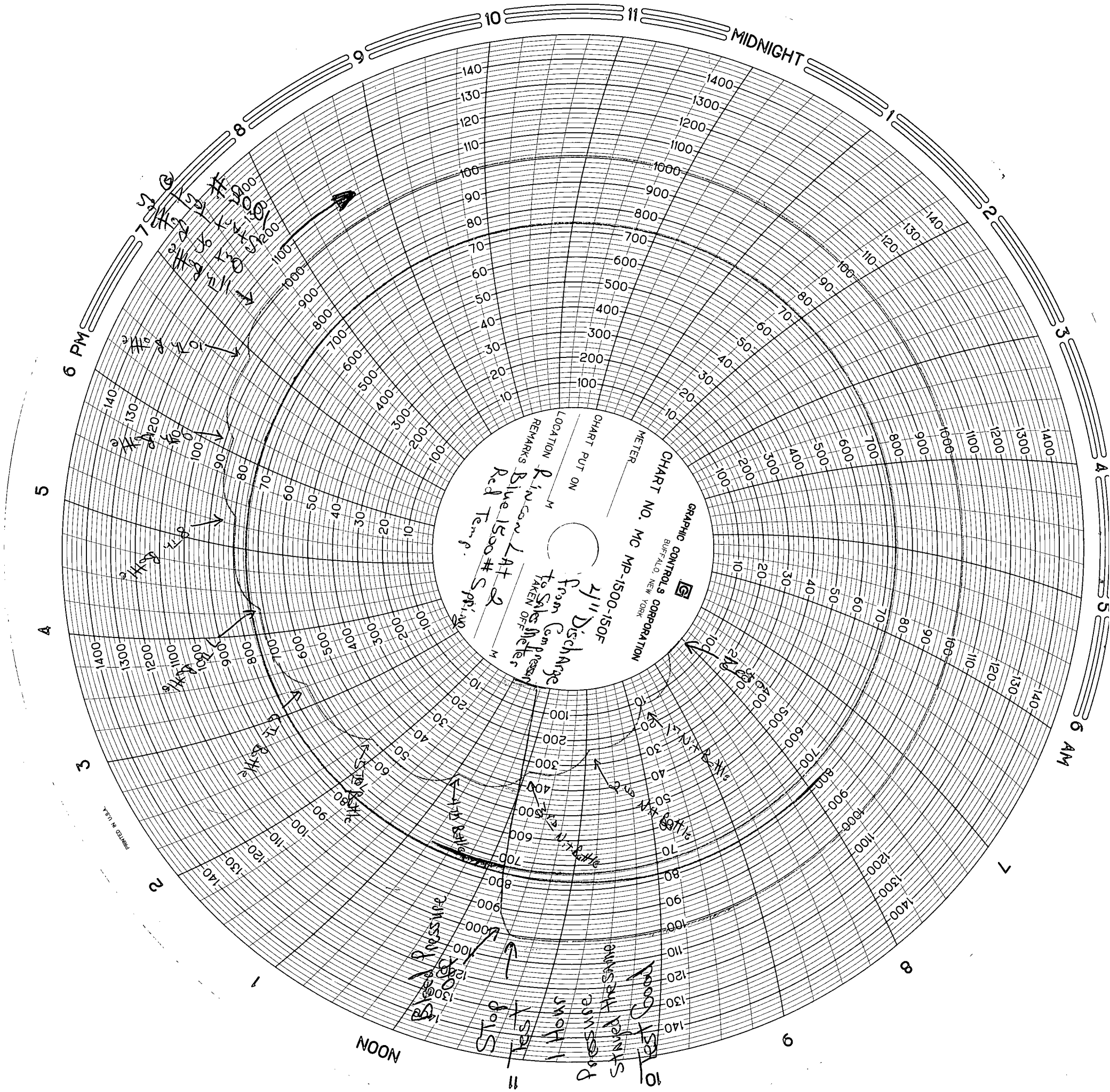
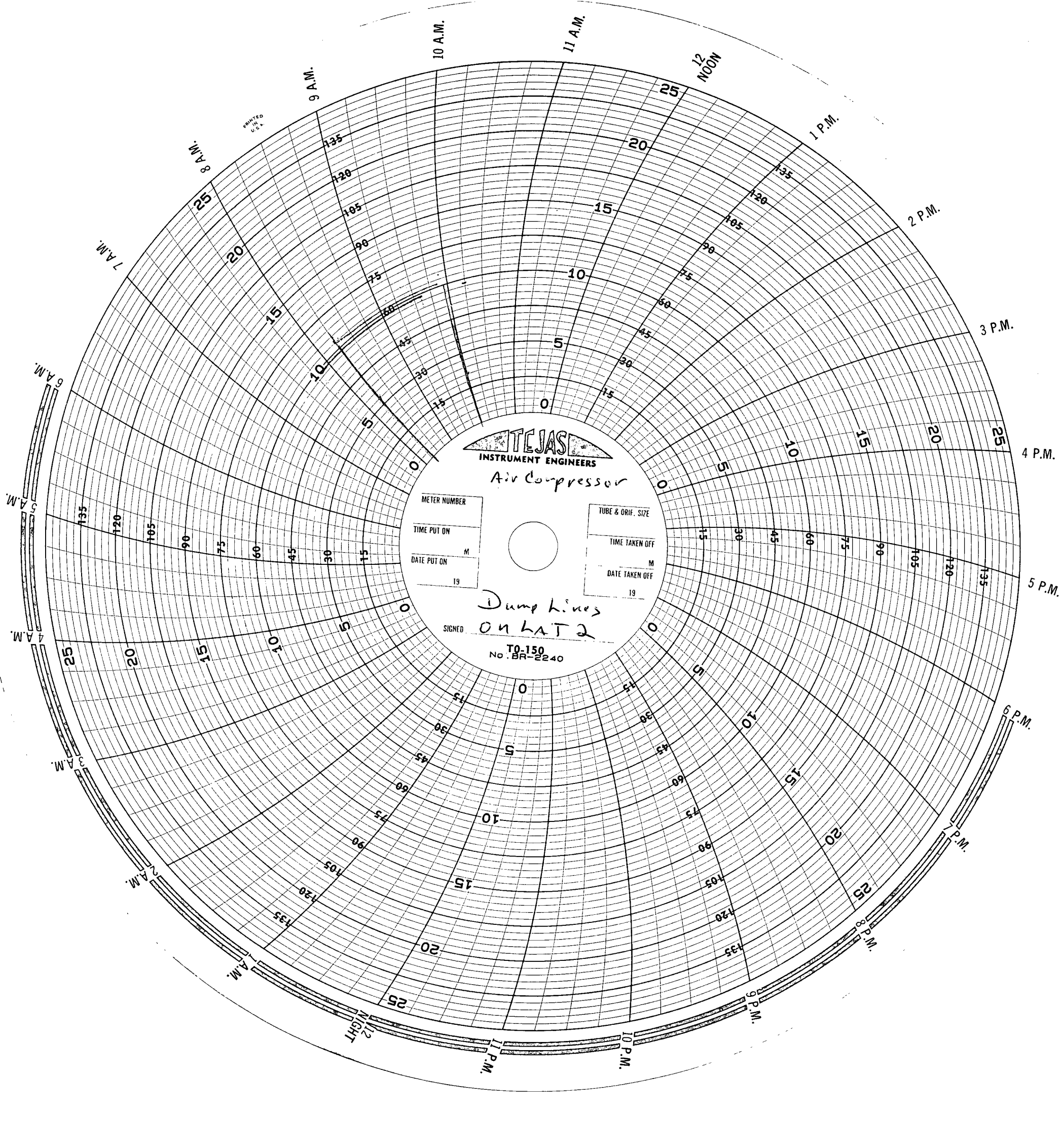
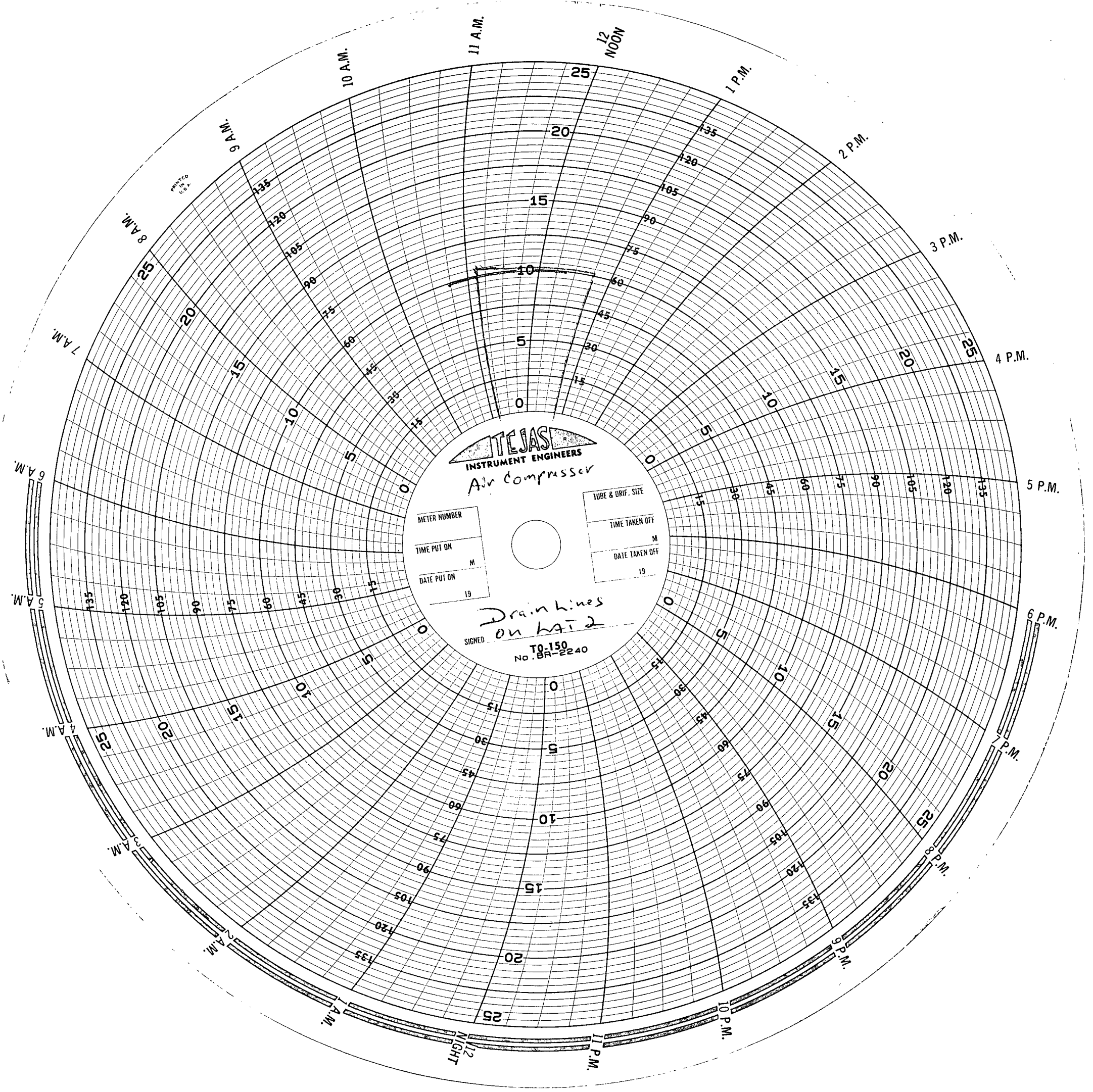


CHART NO. MC MP-1500-150F
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
METER
CHART PUT ON
LOCATION
REMARKS
MIDNIGHT
6 AM
NOON
6 PM


TEJAS
INSTRUMENT ENGINEERS
Air Compressor
METER NUMBER
TIME PUT ON
M
DATE PUT ON
19
TUBE & ORIF. SIZE
TIME TAKEN OFF
M
DATE TAKEN OFF
19
Dump lines
SIGNED ON LAT 2
T0-150
No. BR-2240
PRINTED IN U.S.A.
6 A.M.
7 A.M.
8 A.M.
9 A.M.
10 A.M.
11 A.M.
12 NOON
1 P.M.
2 P.M.
3 P.M.
4 P.M.
5 P.M.
6 P.M.
7 P.M.
8 P.M.
9 P.M.
10 P.M.
11 P.M.
MIDNIGHT
1 A.M.
2 A.M.
3 A.M.
4 A.M.
5 A.M.


TEJAS
INSTRUMENT ENGINEERS
Air Compressor
METER NUMBER
TIME PUT ON
M
DATE PUT ON
19
TUBE & ORIF. SIZE
TIME TAKEN OFF
M
DATE TAKEN OFF
19
Drain lines on Mat 2
SIGNED
T0-150
No. BR-2240
PRINTED IN U.S.A.
12 NOON
1 P.M.
2 P.M.
3 P.M.
4 P.M.
5 P.M.
6 P.M.
7 P.M.
8 P.M.
9 P.M.
10 P.M.
11 P.M.
MIDNIGHT
1 A.M.
2 A.M.
3 A.M.
4 A.M.
5 A.M.
6 A.M.
7 A.M.
8 A.M.
9 A.M.
10 A.M.
11 A.M.

Lowe, Leonard, EMNRD

From: Lowe, Leonard, EMNRD
Sent: Thursday, September 25, 2008 9:42 AM
To: 'Shore, Suzanne'
Cc: Powell, Brandon, EMNRD
Subject: RE: Chevron response to inspections of GW-70

Suzanne,

Thank you for the response.

A few requests:

These items will still be open until all information is submitted to the OCD

1. Send me test samples and updates for the removed BGT until area is completed remediated.
2. The OCD will be waiting on hydrostatic testing that was completed.
3. Photos of the bermed area will be expected when done.

llowe

Leonard Lowe
Environmental Engineer
Oil Conservation Division/EMNRD
1220 S. St. Francis Drive
Santa Fe, N.M. 87505
Office: 505-476-3492
Fax: 505-476-3462
E-mail: leonard.lowe@state.nm.us
Website: http://www.emnrd.state.nm.us/ocd/

From: Shore, Suzanne [mailto:shores@chevron.com]
Sent: Friday, September 19, 2008 3:29 PM
To: Lowe, Leonard, EMNRD
Cc: Bailey, Rodney G; Powell, Brandon, EMNRD; Price, Wayne, EMNRD
Subject: Chevron response to inspections of GW-70

Mr. Lowe,

Attached is Chevron's response to the inspection of our Lateral #2 Compressor Station covered by GW-70 Permit. Additional documentation not provided will be forthcoming. Please contact me if you have any questions.

Sincerely,

Suzanne Shore
Waste and Water Specialist
MidContinent/Alaska SBU

Chevron North America Exploration and Production
11111 S. Wilcrest Dr C2304, Houston TX 77099
Tel 281 561 3920
Fax 281 561 3702
shores@chevron.com

From: Shore, Suzanne
Sent: Friday, September 12, 2008 12:43 PM
To: 'Lowe, Leonard, EMNRD'
Cc: Bailey, Rodney G; 'Powell, Brandon, EMNRD'; 'Price, Wayne, EMNRD'
Subject: RE: Chevron response to inspections of GW-70, GW-82, GW-244

Mr. Lowe,

As discussed with you earlier today, an inspection follow-up report complete with photographs and associate documentation will be provided next week.

Thank you,

Suzanne Shore
Waste and Water Specialist
MidContinent/Alaska SBU

Chevron North America Exploration and Production
11111 S. Wilcrest Dr C2304, Houston TX 77099
Tel 281 561 3920
Fax 281 561 3702
shores@chevron.com

From: Shore, Suzanne
Sent: Friday, September 05, 2008 11:45 AM
To: Lowe, Leonard, EMNRD
Cc: Bailey, Rodney G; Powell, Brandon, EMNRD; Price, Wayne, EMNRD
Subject: RE: Chevron response to inspections of GW-70, GW-82, GW-244

Mr. Lowe,

We apologize for not responding sooner. I am soliciting information from our personnel regarding the status of these concerns and should have an update to you early next week.

Thank you,

Suzanne Shore
Waste and Water Specialist
MidContinent/Alaska SBU

Chevron North America Exploration and Production
11111 S. Wilcrest Dr C2304, Houston TX 77099
Tel 281 561 3920
Fax 281 561 3702
shores@chevron.com

From: Lowe, Leonard, EMNRD [mailto:Leonard.Lowe@state.nm.us]
Sent: Thursday, September 04, 2008 5:24 PM

To: Shore, Suzanne
Cc: Bailey, Rodney G; Powell, Brandon, EMNRD; Price, Wayne, EMNRD
Subject: Chevron response to inspections of GW-70, GW-82, GW-244
Importance: High

Suzanne Shore,

The OCD had performed inspections of these three referenced Chevron facilities on April 21, 2008.

GW-070, Lateral # 2
GW-082, Lateral # 1
GW-244, Lateral # 4

The OCD had given Chevron 120 days to resolve these concerns stated within the inspection letter. The 120 days is done.

When do we expect to get a final report from Chevron, "Chevron shall submit to the OCD a report with photographs, where applicable, for each of these findings within their prescribed time."?

llowe

Leonard Lowe
Environmental Engineer
Oil Conservation Division/EMNRD
1220 S. St. Francis Drive
Santa Fe, N.M. 87505
Office: 505-476-3492
Fax: 505-476-3462
E-mail: leonard.lowe@state.nm.us
Website: http://www.emnrd.state.nm.us/ocd/

Suzanne Shore
Waste and Water
Specialist
MidContinent/Alaska SBU

Chevron North America
Exploration and
Production
Chevron U.S.A. Production
Company
11111 S. Wilcrest Dr.
Houston, TX 77099
Tel 281-561-3920

September 19, 2008

Mr. Leonard Lowe
Oil Conservation Divsion
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Inspection Report Follow-up, GW-070
Chevron USA Inc. Lateral #2 Compressor Station
Rio Arriba County, New Mexico

Dear Mr. Lowe,

Chevron USA Inc. operates the Lateral #2 Compressor Station located in Section 1, Township 26 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. On April 21, 2008, an inspection of the site was conducted by you and Mr. Brandon Powell of the Oil Conservation Divison of the New Mexico Energy, Minerals, and Natural Resources Department. The Inspection Report dated May 7, 2008 identified areas of concern warranting attention within three months. Further discussion between you and Mr. Rodney Bailey on May 8, 2008 about Antelope Stipulations delaying our activities resulted in an extension to a total of one hundred twenty days to address the items. In response to the Inspection Report and per the discussion on May 8, 2008, this letter describes how the inspection findings are being corrected.

Please note that some of the items are being addressed as part of the installation of a new compressor on location. The compressor installation modifications were provided to you on August 15, 2008 for review and were approved on August 25, 2008.

Finding	Description Inspection Report (May 7, 2008)	Action
1.	*Site facility sign denotes incorrect Discharge Plan number; it should be GW-070. Chevron has **3 months** to correct this.*	**Photo 1:** The sign has been updated with the correct Discharge Permit number.
2.	*Lines flowing in to this BGT can not be identified. Chevron has **3 months** identify these lines and annotate in on their facility schematic and submit to the OCD.*	**Photo 2:** BGT has been removed. Facility schematic was updated and submitted in August 2008 with proposed modifications of below grade tanks on site.
3.	*The leak detection of BGT has fluids. Chevron shall verify*	**Photo 2:** The BGT has been

	*the integrity of the tank. The top of the tank is not adhered to its side wall causing access to its leak detection from external sources. Construct this tank to prevent run off to enter its leak detection system. If the tank has leaked in to the ground Chevron shall submit to the OCD a course of action to resolve this concern. Chevron has **3 months** to address this concern.*	removed. A five point composite sample was collected and analyzed in the field for Total Petroleum Hydrocarbons using US EPA Method 418.1. The test result was 5,424 ppm. Additional samples will be collected and the site will be remediated.
4.	*Hydrocarbon staining near engine. Chevron shall prevent any unauthorized discharges at their facility; doing so is a direct violation of its Discharge Permit. Chevron shall properly clean up these contaminated soils within **3 months**.*	**Photo 3 and 4:** Area has been cleaned.
5.	*The caps for leak detection systems need to be in place at all times other then verification of system. Periodic verification of detection shall be implemented on site and concerns addressed in a timely fashion.*	**Photo 5:** Leak detection system caps have been installed and will be checked.
6.	*Berm the facility to decrease run on and off of water. This will prevent erosion; the possibility of any spills or releases from going off site and creating excess waste from run on commingling with liquids on site.*	The facility will be bermed upon completion of the Lateral 2 compressor modification project. Photos will be provided.
7.	*Hydrostatic test all underground pipelines every five years and submit results to the OCD. Review permit conditions for details, condition 12. If test has never been performed Chevron has **3 months** to perform tests and send results to the OCD.*	Hydrostating testing has been performed and the results will be submitted to OCD in the mail.

Regards,

Suzanne Shore

Response to NMOCD Inspection Report (May 7, 2008)
Chevron Lateral #2 Compressor Station, GW – 070
September 19, 2008

Photo 1: Facility sign has correct discharge number.

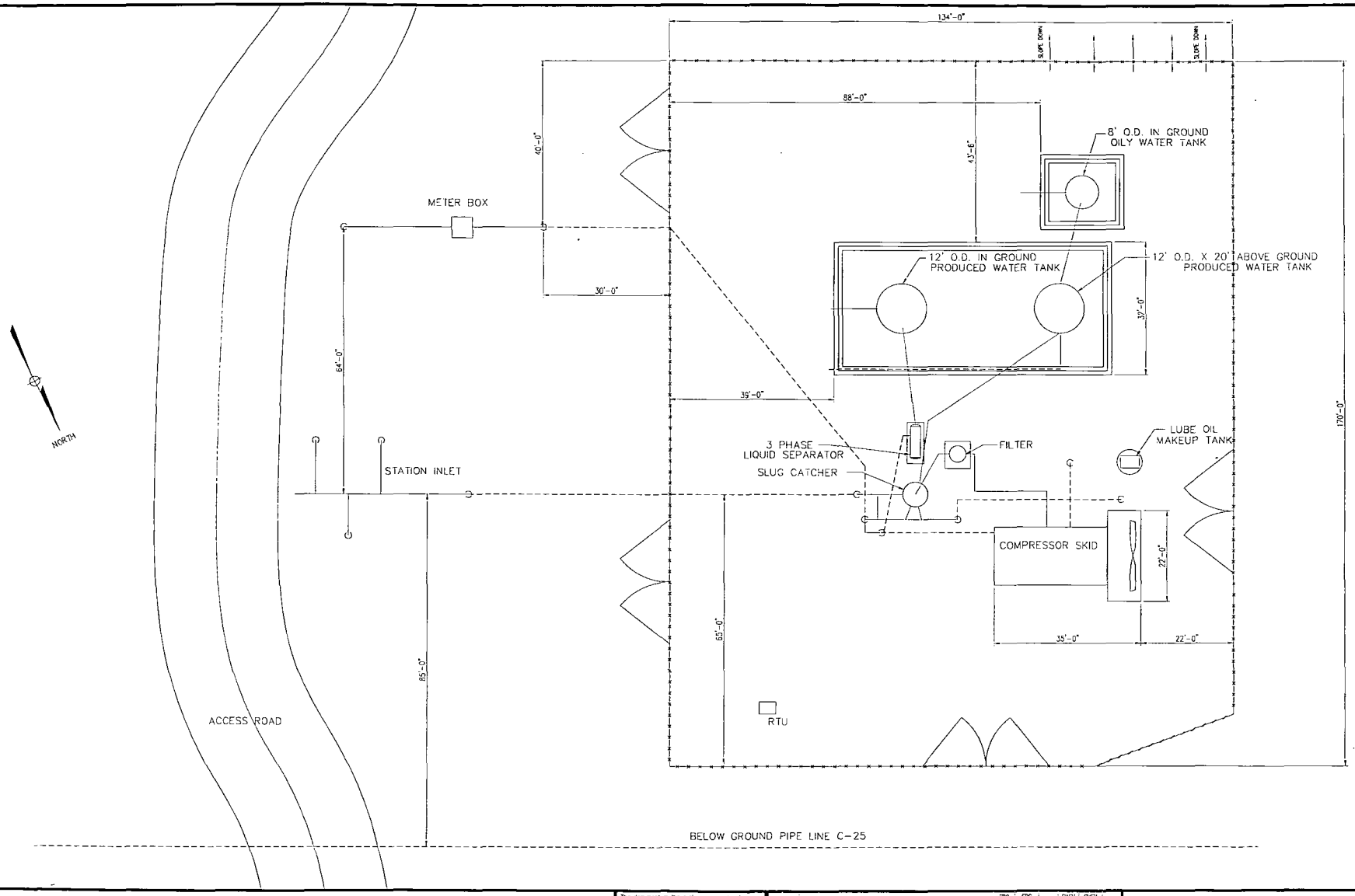
Photo 2: BGT has been removed.

Photo 3: Area has been cleaned.

Photo 4: Area has been cleaned.

Photo 5: Cap for leak detection system has been installed.

ATTACHMENT 1 8.20.08



NOTES:

REV	BY	DATE	REVISION	PRC DRGD	PRC APPVD	DATE	CHEV DRGD	CHEV APPVD	DATE
0	BJ	10/07	REVISED PER WALK-DOWN OF EXISTING SITE						

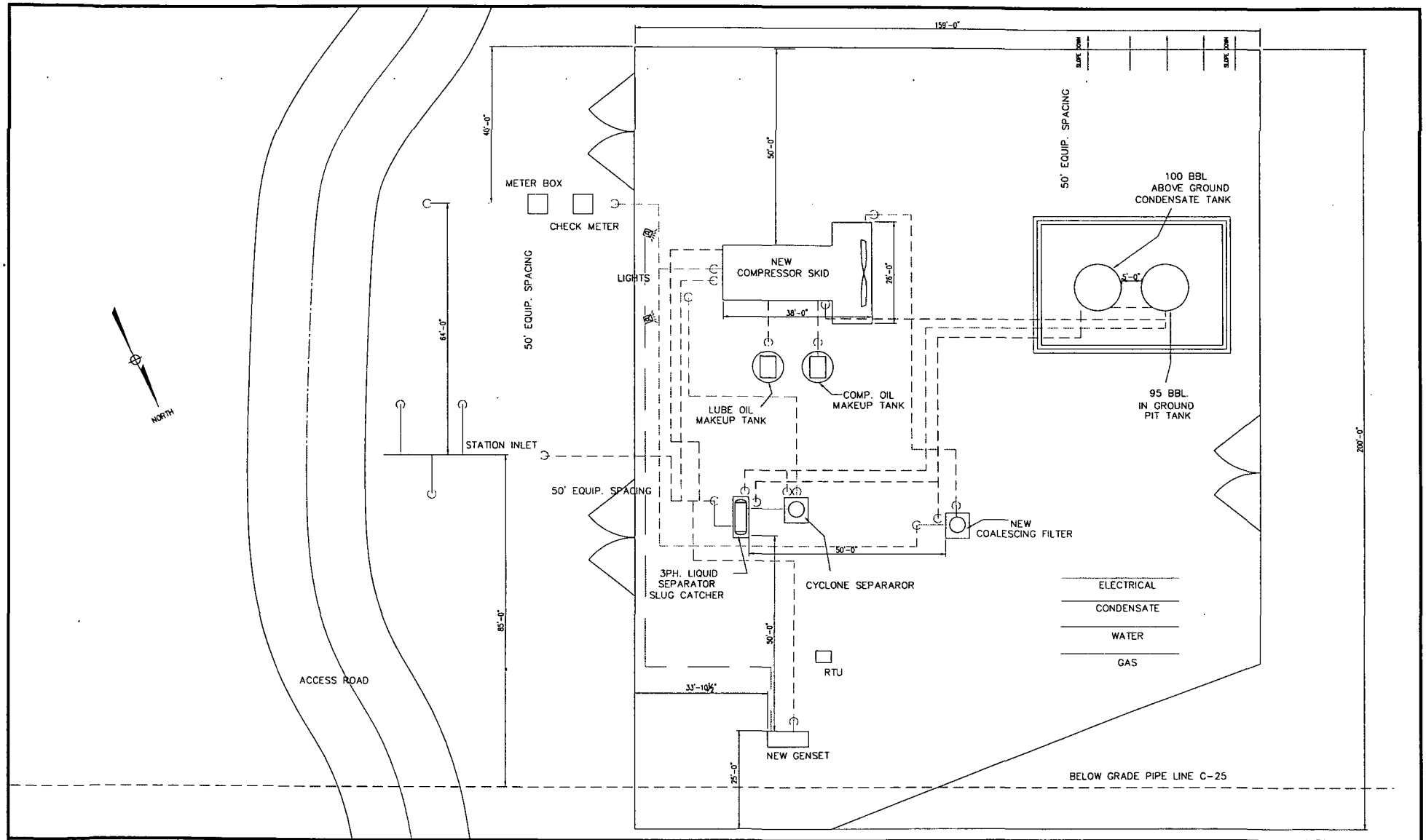
CHEVRON NORTH AMERICA EXPLORATION AND PRODUCTION

CHEVRON
EXISTING RINCON LATERAL #2 CDP
SITE PLAN

DATE DRAWN	SCALE	PROJ. NO.	DWG. NO.	REV.
	1/32" = 1'-0"	12395-A	LAT #2 CDP - SITE	0
DRAWN BY	ENGINEER	FILE		
BJ	STAN S	Existing Rincon Lat #2		

R:\PROJECT FILES\CHEVRON TEXACO\12395-A RINCON LATERAL 2\SITE PLANS\EXISTING RINCON LAT #2 CDP PLOT PLAN.DWG 3/8/2008 1:20 PM

ATTACHEMENT 2 8.20.08



NOTES:

FORERUNNER CORPORATION

REV	BY	DATE	REVISION	ENG CHECKED	ENG APPRVD	DATE	CHEV. CHECKED	CHEV. APPRVD	DATE
1	TS	08/08	REVISED PIT TANK LOCATION						
0	BJ	10/07	ISSUED FOR CONSTRUCTION						

CHEVRON NORTH AMERICA
EXPLORATION AND PRODUCTION

CHEVRON
NEW RINCON LATERAL #2 CDP
PLOT PLAN

SCALE: 1/32" = 1'-0" | PROJ. NO.: 12385-A | DWG. NO.: LAT #2 CDP - SITE | REV: 1
DRAWN BY: BJ | CHECKED BY: STAN.S | FILE: NEW RINCON LAT #2

Lowe, Leonard, EMNRD

From: Shore, Suzanne [shores@chevron.com]
Sent: Wednesday, August 20, 2008 7:09 AM
To: Lowe, Leonard, EMNRD
Subject: RE: Chevron GW 070 Lateral #2 Compressor Station Modification Request
Attachments: Figure 1 GW 070 Existing Lateral #2 CDP Site Plan.pdf; Figure 2 GW 070 Proposed Lateral #2 CDP Site Plan.pdf

Mr. Lowe,

Thank you for your prompt review. Please contact me if you have any additional comments or questions.

1. The new BGT is composed of carbon steel and has an open top. A metal grating will be installed across the tank opening pursuant to Discharge Permit Approval Conditions 11.C.
2. I apologize for the confusion. There are actually two items to note on Lateral #2 site location.

- The "12' O.D. IN GROUND PRODUCED WATER TANK" shown on Figure 1 GW-070 Existing Lateral #2 Site Plan will be moved (not removed) to the new location designated as "95 BBL IN GROUND PIT TANK" on Figure 2 GW-070 Proposed Lateral #2 Site Plan.
- And the "8' O.D. IN GROUND OILY WATER TANK " shown on Figure 1 is an error. It has been removed. Initial soil sampling of the BGT site has been conducted.

3. The total horsepower will be 630 which is less than our current total of 900 HP.

Regards,

Suzanne Shore
Waste and Water Specialist
MidContinent/Alaska SBU

Chevron North America Exploration and Production
11111 S. Wilcrest Dr C2304, Houston TX 77099
Tel 281 561 3920
Fax 281 561 3702
shores@chevron.com

From: Lowe, Leonard, EMNRD [mailto:Leonard.Lowe@state.nm.us]
Sent: Friday, August 15, 2008 4:53 PM
To: Shore, Suzanne
Subject: RE: Chevron GW 070 Lateral #2 Compressor Station Modification Request

Suzanne Shore,

I have a few questions:

1. What is the new BGT material composed of?

2. Your letter stated a 95 BBL BGT to be removed. Your current schematic does not identify a 95 BBL BGT, but only two "in ground" tanks (oily water and produced water), therefore which of these two tanks is the 95 BBL tank to be removed? According to your "after modification" schematic, both tanks are gone, what happened? I just

need clarification.

3. The compressor you are replacing will the new one have the same or equivalent horsepower?

I have additional questions, once clarification on the removal of WHICH tank is to be removed.

llowe

Leonard Lowe
Environmental Engineer
Oil Conservation Division/EMNRD
1220 S. St. Francis Drive
Santa Fe, N.M. 87505
Office: 505-476-3492
Fax: 505-476-3462
E-mail: leonard.lowe@state.nm.us
Website: http://www.emnrd.state.nm.us/ocd/

From: Shore, Suzanne [mailto:shores@chevron.com]
Sent: Friday, August 15, 2008 1:00 PM
To: Lowe, Leonard, EMNRD
Subject: Chevron GW 070 Lateral #2 Compressor Station Modification Request

Mr. Lowe,

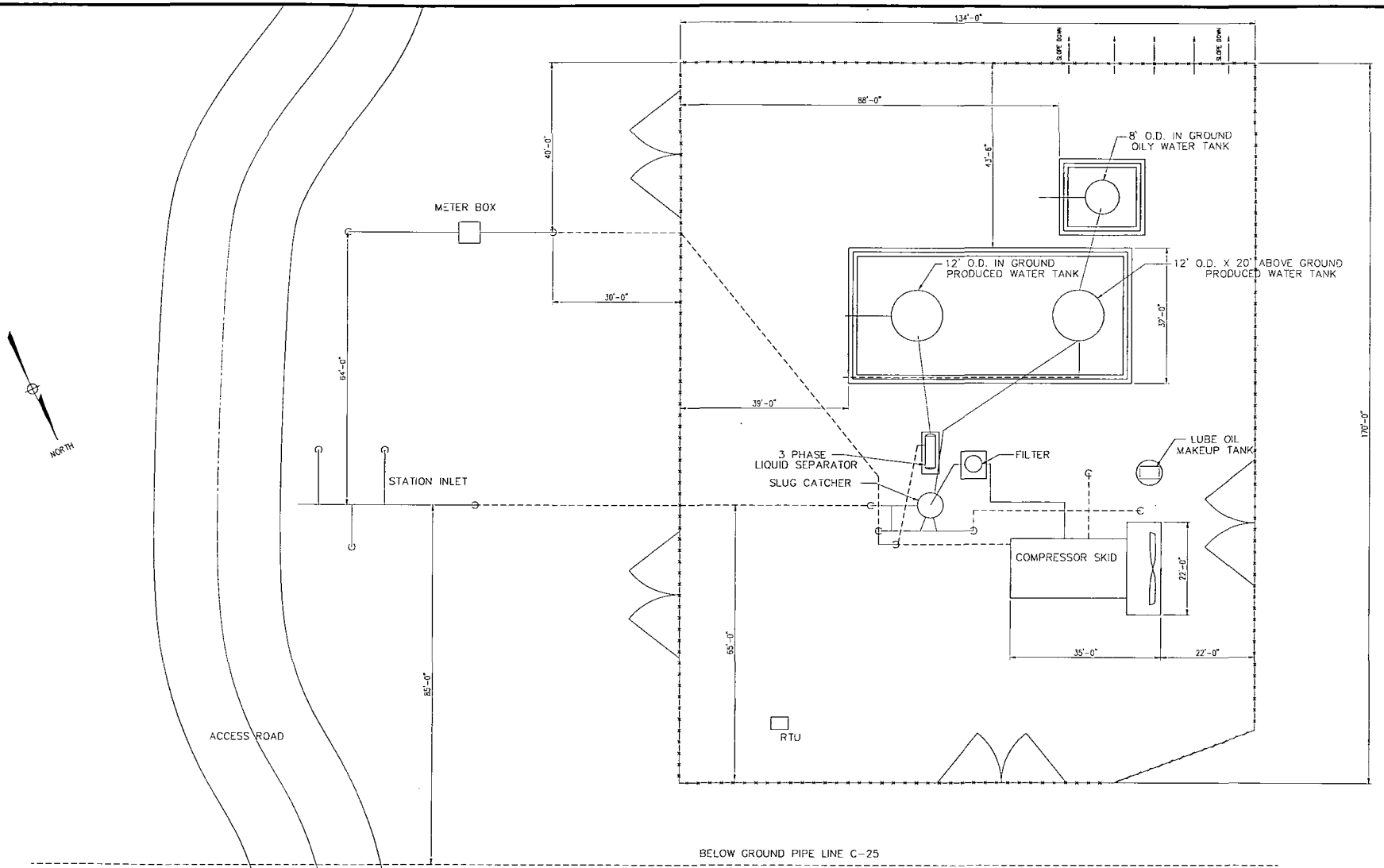
Please see attached letter and figures describing the planned modifications for below ground tank at our Lateral #2 compressor station covered by GW-070 Permit.

Thank you,

Suzanne Shore
Waste and Water Specialist
MidContinent/Alaska SBU

Chevron North America Exploration and Production
11111 S. Wilcrest Dr C2304, Houston TX 77099
Tel 281 561 3920
Fax 281 561 3702
shores@chevron.com

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient



NOTES:

REV	BY	DATE	REVISION	FPEC CHECKED	FPEC APPRVD	DATE	CHEVY CHECKED	CHEVY APPRVD	DATE
0	BJ	10/07	REVISED PER WALK-DOWN OF EXISTING SITE						

CHEVRON NORTH AMERICA EXPLORATION AND PRODUCTION

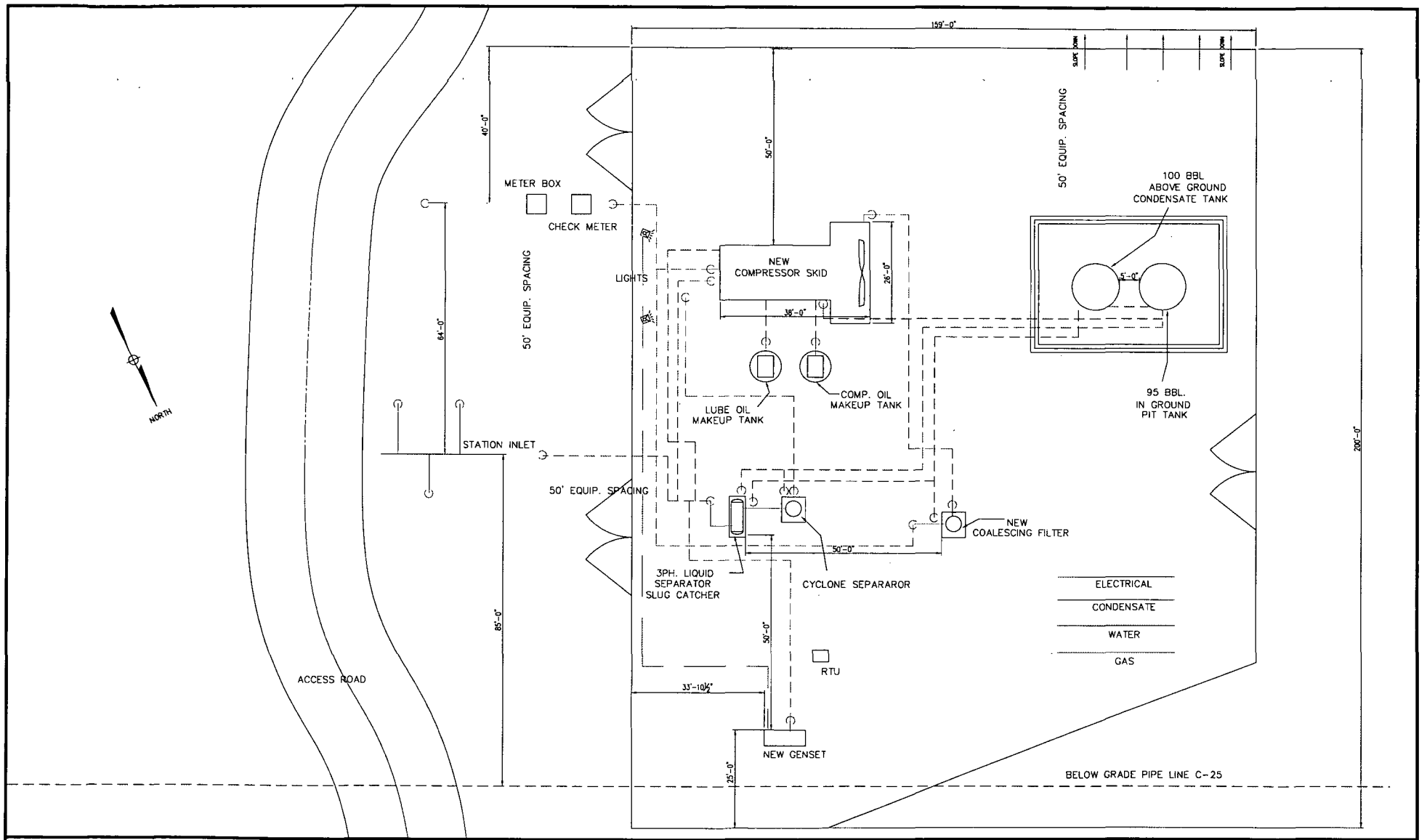
CHEVRON
EXISTING RINCON LATERAL #2 CDP SITE PLAN

DATE DRAWN	SCALE	PROJ. NO.	DWG. NO.	REV.
DRAWN BY: BJ	1/32" = 1'-0"	12395-A	LAT #2 CDP - SITE	0
ENGINEER: STAN S	FILE: Existing Rincon Lat #2	TSK NO.		

R:\PROJECT FILES\CHEVRON TEXACO\12395-A RINCON LATERAL 2\SITE PLANS\EXISTING RINCON LAT #2 CDP PLOT PLAN.DWG 5/8/2008 1:20 PM

NOW, CURRENT

GW-070



NOTES:

FORERUNNER CORPORATION

REV	BY	DATE	REVISION	TRC CHECKED	TRC APPRVD	DATE	CHEV CHECKED	CHEV APPRVD	DATE
1	TS	08/08	REVISED PIT TANK LOCATION						
0	BJ	10/07	ISSUED FOR CONSTRUCTION						

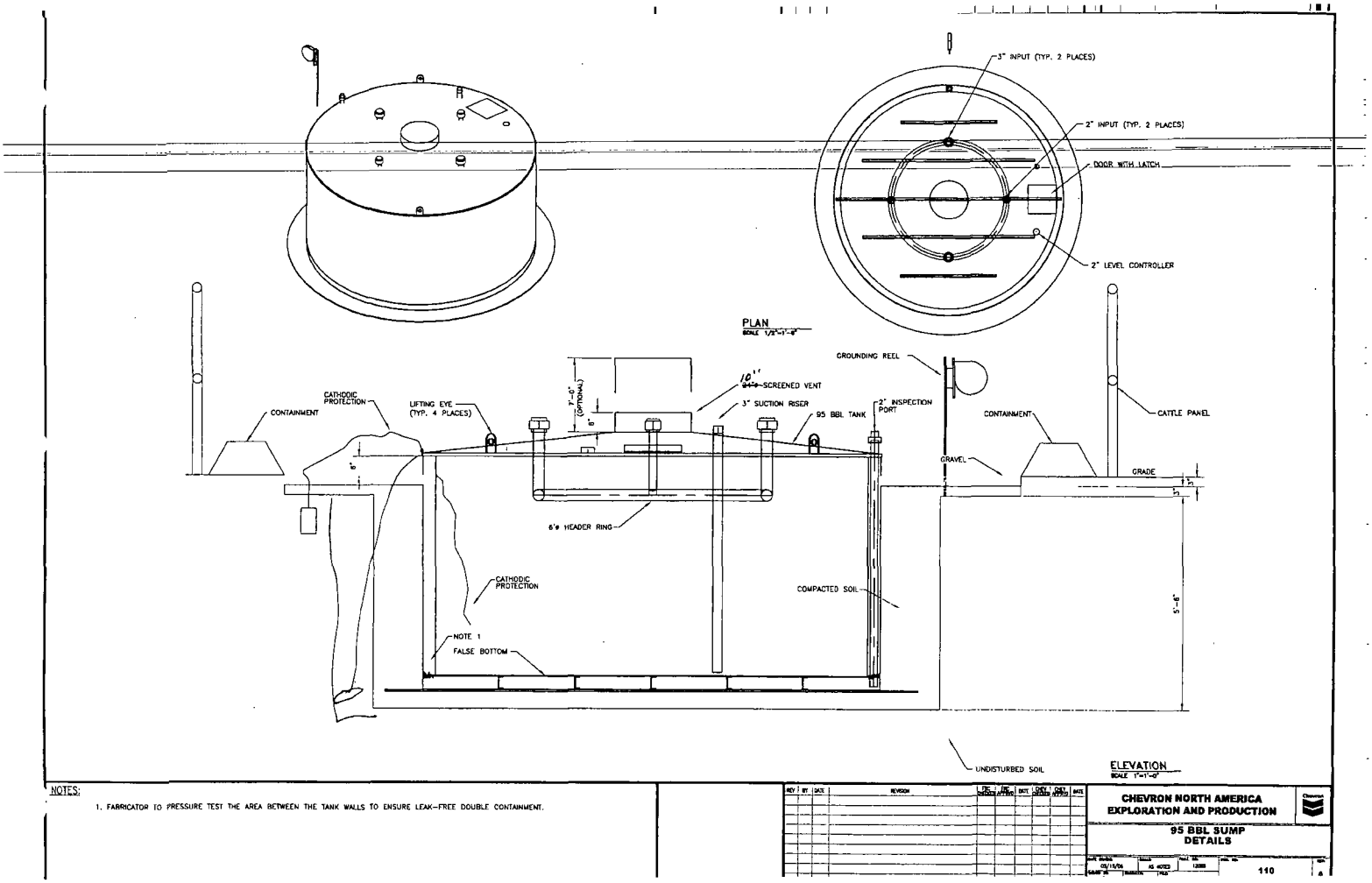
CHEVRON NORTH AMERICA EXPLORATION AND PRODUCTION

CHEVRON
NEW RINCON LATERAL #2 CDP
PLOT PLAN

DRAWN BY	BJ	SCALE	1/32" = 1'-0"
CHECKED	STAN S	FILE	NEW RINCON LAT #2
PROJ. NO.	12395-A	DWG. NO.	LAT #2 CDP - SITE
CDP NO.		REV.	1

AFTER

GW-070



NOTES:

1. FABRICATOR TO PRESSURE TEST THE AREA BETWEEN THE TANK WALLS TO ENSURE LEAK-FREE DOUBLE CONTAINMENT.

REV	BY	DATE	REVISION	PE CHECKED	PE DATE	DWG CHECKED	DWG DATE

CHEVRON NORTH AMERICA
EXPLORATION AND PRODUCTION

95 BBL SUMP DETAILS

Date	Scale	Proj. No.	Dwg. No.	Rev.
05/15/06	AS NOTED	120008	110	A

GW-070

Suzanne Shore
Waste and Water
Specialist
MidContinent/Alaska SBU

Chevron North America
Exploration and
Production
Chevron U.S.A. Production
Company
11111 S. Wilcrest Dr.
Houston, TX 77099
Tel 281-561-3920

August 15, 2008

Mr. Leonard Lowe
Oil Conservation Divsion
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Below Grade Tank Discharge Permit GW-070
Chevron USA Inc. Lateral #2 Compressor Station
Rio Arriba County, New Mexico

Dear Mr. Lowe,

Chevron USA Inc. operates the Lateral #2 Compressor Station located in Section 1, Township 26 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Pursuant to section 11 of the GW-070 Discharge Permit Approval Conditions for below grade tanks, Chevron USA Inc is hereby submitting modification plans to New Mexico Oil Conservation Division for review and approval prior to installation.

In an effort to increase the reliability and efficiency of our operations at the compressor station, we are replacing the current rental compressor with a new compressor owned by Chevron. As part of this effort we will be removing the ninety-five barrel below ground tank currently located in the area shown on Figure 1 GW-070 Existing Lateral #2 Site Plan to the new location shown on Figure 2 GW-070 Proposed Lateral #2 Site Plan according to the tank specifications shown on Figure 3 Standard Below Ground Tank.

Additionally, we have updated our facility schematics to identify the lines flowing into the below ground tank; and installed the cap for the leak detection system. The cap will be in place at all times other than verification of the system. These efforts are in response to the following concerns noted in your Inspection Report dated May 7, 2008 to Mr. Rodney Bailey of Chevron for the site inspection conducted by you on April 21, 2008:

2. *Photo 2: Lines flowing in to this BGT can not be identified.*
5. *Photo 6: The caps for leak detection systems need to be in place at all times other than verification of system.*

We appreciate your review, as we would like to begin the installation of the below ground tank within the next week. If you have any questions or need additional information to facilitate your review, please contact me.

Regards,

Suzanne Shore

Lowe, Leonard, EMNRD

From: Shore, Suzanne [shores@chevron.com]
Sent: Friday, August 15, 2008 1:00 PM
To: Lowe, Leonard, EMNRD
Subject: Chevron GW 070 Lateral #2 Compressor Station Modification Request
Attachments: Letter Requesting Updates to Permit GW-070.pdf; Figure 1 GW 070 Existing Lateral #2 CDP Site Plan.pdf; Figure 2 GW 070 Proposed Lateral #2 CDP Site Plan.pdf; Figure 3 Standard Below Ground Tank Drawing.TIF

Mr. Lowe,

Please see attached letter and figures describing the planned modifications for below ground tank at our Lateral #2 compressor station covered by GW-070 Permit.

Thank you,

Suzanne Shore
Waste and Water Specialist
MidContinent/Alaska SBU

Chevron North America Exploration and Production
11111 S. Wilcrest Dr C2304, Houston TX 77099
Tel 281 561 3920
Fax 281 561 3702
shores@chevron.com

Lowe, Leonard, EMNRD

From: Lowe, Leonard, EMNRD
Sent: Thursday, May 08, 2008 2:38 PM
To: 'Bailey, Rodney G'
Cc: Powell, Brandon, EMNRD
Subject: RE: Chevron, GW-070 Inspection Report

Mr. Rodney Bailey,

I had forgotten about the Antelope Stipulations.

Your proposed 120 day limit is approved.

Please print and attach this correspondence to the Inspection Letters.

Thank you for your attention.

llowe

Leonard Lowe
Environmental Engineer
Oil Conservation Division/EMNRD
1220 S. St. Francis Drive
Santa Fe, N.M. 87505
Office: 505-476-3492
Fax: 505-476-3462
E-mail: leonard.lowe@state.nm.us
Website: http://www.emnrd.state.nm.us/ocd/

From: Bailey, Rodney G [mailto:bailerg@chevron.com]
Sent: Thursday, May 08, 2008 1:30 PM
To: Lowe, Leonard, EMNRD
Subject: RE: Chevron, GW-070 Inspection Report

Leonard can we talk about the 90 day time frame for completing some of these items? We are planning compressor replacements at Lateral #1 & #2, staring around July 1st and each location and they will take about 30 days each to complete. Also with Antelope Stips through 7-15 we will not be able to move in the heavy equipment that will be needed to remove the tanks and complete some other work on location till after then. With the current 90 day time table in your letter we will only have from July 15th to July 21st. to complete some of the work. Is there anyway we could move the time frame up to 120 days for this work to be complete? Thank you.

Rodney Bailey
Waste & Water Team Lead
Midland Texas
Chevron USA
Office - 432-687-7123
Cell - 432-894-3519
Fax - 866-569-5650
bailerg@chevron.com

copying, distribution or use of any information in this message is strictly prohibited. If you have received this message in error, please notify me at 432-687-7123 or by e-Mail. Thank you

---

From: Lowe, Leonard, EMNRD [mailto:Leonard.Lowe@state.nm.us]
Sent: Wednesday, May 07, 2008 10:13 AM
To: Bailey, Rodney G; Archer, Michael; Estes, David; Strickland, Terry (TEDS)
Cc: Price, Wayne, EMNRD; Powell, Brandon, EMNRD
Subject: Chevron, GW-070 Inspection Report

Chevron,

Please review inspection report.

Thank you again for the walk through of your facility.

llowe

Leonard Lowe
Environmental Engineer
Oil Conservation Division/EMNRD
1220 S. St. Francis Drive
Santa Fe, N.M. 87505
Office: 505-476-3492
Fax: 505-476-3462
E-mail: leonard.lowe@state.nm.us
Website: http://www.emnrd.state.nm.us/ocd/

Lowe, Leonard, EMNRD

From: Lowe, Leonard, EMNRD
Sent: Wednesday, May 07, 2008 9:13 AM
To: 'Bailey, Rodney G'; 'Archer, Michael'; David Estes; Terry Strickland
Cc: Price, Wayne, EMNRD; Powell, Brandon, EMNRD
Subject: Chevron, GW-070 Inspection Report
Attachments: GW-070, Inspection Letter.doc; GW-070, Photo Rprt.doc

Chevron,

Please review inspection report.

Thank you again for the walk through of your facility.

llowe

Leonard Lowe
Environmental Engineer
Oil Conservation Division/EMNRD
1220 S. St. Francis Drive
Santa Fe, N.M. 87505
Office: 505-476-3492
Fax: 505-476-3462
E-mail: leonard.lowe@state.nm.us
Website: http://www.emnrd.state.nm.us/ocd/

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary
Reese Fullerton
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division

May 7th, 2008

Mr. Rodney Bailey

Re: Inspection Report, GW-070
Chevron, Lateral # 2 Compressor Station
Rio Arriba County, New Mexico

Dear Mr. Bailey:

The Oil Conservation Division (OCD) performed an onsite inspection of Chevron's Lateral # 2 CDP compressor station located in Section 26, Township 27 North, Range 7 West, NMPM, Rio Arriba County, New Mexico on Monday, April 21, 2008.

Chevron shall address the following concerns, reference photos in attachment:

1. Photo 1: Site facility sign denotes incorrect Discharge Plan number; it should be GW-070. Chevron has **3 months** to correct this.
2. Photo 2: Lines flowing in to this BGT can not be identified. Chevron has **3 months** identify these lines and annotate in on their facility schematic and submit to the OCD.
3. Photo 3 & 4: The leak detection of BGT has fluids. Chevron shall verify the integrity of the tank. The top of the tank is not adhered to its side wall causing access to its leak detection from external sources. Construct this tank to prevent run off to enter its leak detection system. If the tank has leaked in to the ground Chevron shall submit to the OCD a course of action to resolve this concern. Chevron has **3 months** to address this concern.
4. Photo 5: Hydrocarbon staining near engine. Chevron shall prevent any unauthorized discharges at their facility; doing so is a direct violation of its Discharge Permit. Chevron shall properly clean up these contaminated soils within **3 months**.
5. Photo 6: The caps for leak detection systems need to be in place at all times other then verification of system. Periodic verification of detection shall be implemented on site and concerns addressed in a timely fashion.
6. No photo: Berm the facility to decrease run on and off of water. This will prevent erosion; the possibility of any spills or releases from going off site and creating excess waste from run on commingling with liquids on site.
7. No photo: Hydrostatic test all underground pipelines every five years and submit results to the OCD. Review permit conditions for details, condition 12. If test has never been performed Chevron has **3 months** to perform tests and send results to the OCD.

Chevron shall submit to the OCD a report with photographs, where applicable, for each of these findings within their prescribed time. If there are any questions regarding this matter, please do not hesitate to contact me at (505) 476-3492 or leonard.lowe@state.nm.us.

Sincerely,

Leonard Lowe
Environmental Engineer

xc: OCD District III Office, Aztec

OCD Inspection Chevron Lat # 2, GW - 070

Inspectors: Brandon Powell and Leonard Lowe

Company Rep: Rodney Bailey, Michael Archer and Dave Estes

Date: 04.21.08 Time: 11:50 – 12:20

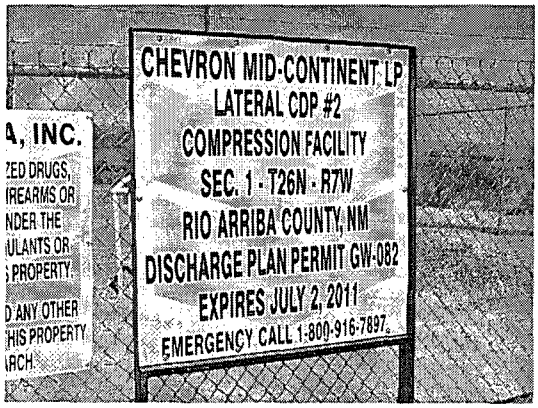


Photo 1: Facility posted sign notes incorrect GW number, should be GW-070, not GW-082.

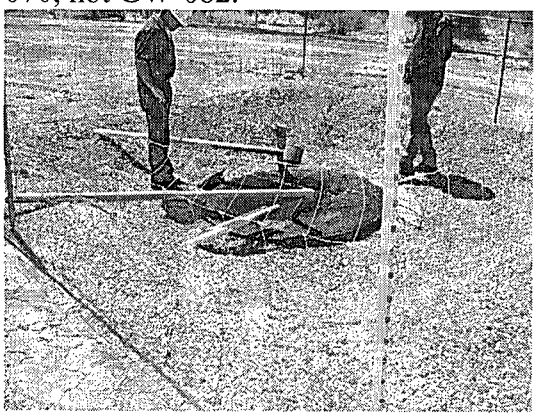


Photo 2: Lines feeding in to BGT is questionable. Unidentified source.

Photo 3: BGT leak detection system is full of fluids.

Photo 4: Integrity of second wall on BGT is compromised. Upper lip is not secured to side walls.

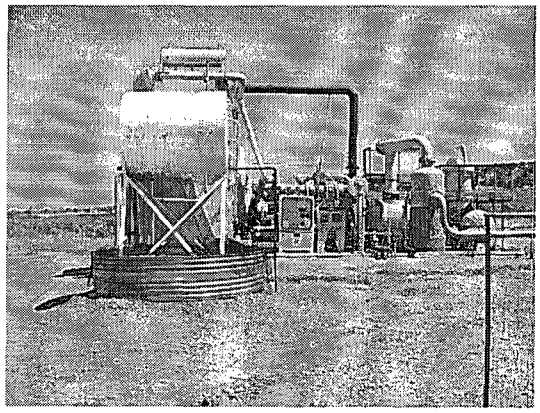


Photo 5: Hydrocarbon staining around engine.

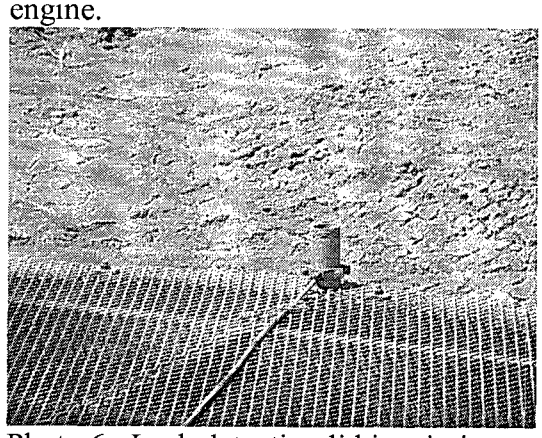


Photo 6: Leak detection lid is missing on BGT.