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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

30 039 06784

OPERATOR

X☐ Initial Report ☐ Final Report

Name of Company Patina San Juan, Inc.	Contact John Nussbaumer
Address 5802 U.S. Hwy. 64, Farmington, N.M. 87401	Telephone No. 303.263.4608
Facility Name Champlin #1	Facility Type Tank Battery

Surface Owner State	Mineral Owner Federal	Lease No. SF-079527-A

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
0	35	27N	04W	~~940~~ 990'	South	990	West	Rio Arriba

Latitude 36 31,548' **Longitude** 107 13.601'

NATURE OF RELEASE

Type of Release -Condensate	Volume of Release 238 bbls.	Volume Recovered 82 bbls
Source of Release-Production Tank	Date and Hour of Occurrence over 1&1/2 days	Date and Hour of Discovery 4/21/04 Around noon
Was Immediate Notice Given? X☐ Yes ☐ No ☐ Not Required	If YES, To Whom? Monica	
By Whom? Rod Seale	Date and Hour ~~3/6/03 2:30 p.m.~~ 4/21/04 1:30PM	
Was a Watercourse Reached? ☐ Yes X☐ No	If YES, Volume Impacting the Watercourse	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken- Pumper drained water from production tank in preparation for oil sale. He closed the drain valve but must not have closed it completely or the valve stops had moved over time. Oil continued to drain out into the water tank and overflowed the tank. 156 barrels of oil reached the ground and soaked into the soil. Patina has started a program of replacing this particular type of valve at many of the tank batteries.

Describe Area Affected and Cleanup Action Taken.*
Excavated soil and will landfarm on site. Impacted soil mixed with fertilizer and mixed. Will be periodically stirred until remediated.

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

Signature:

Printed Name: John Nussbaumer

Title: Manager, Environmental & Safety

E-mail Address: jnussbaumer@patinaoil.com

Date: 05/04/04 Phone:303.389.3600

OIL CONSERVATION DIVISION

Approved by District Supervisor: Denny Foust for Frank Chavez

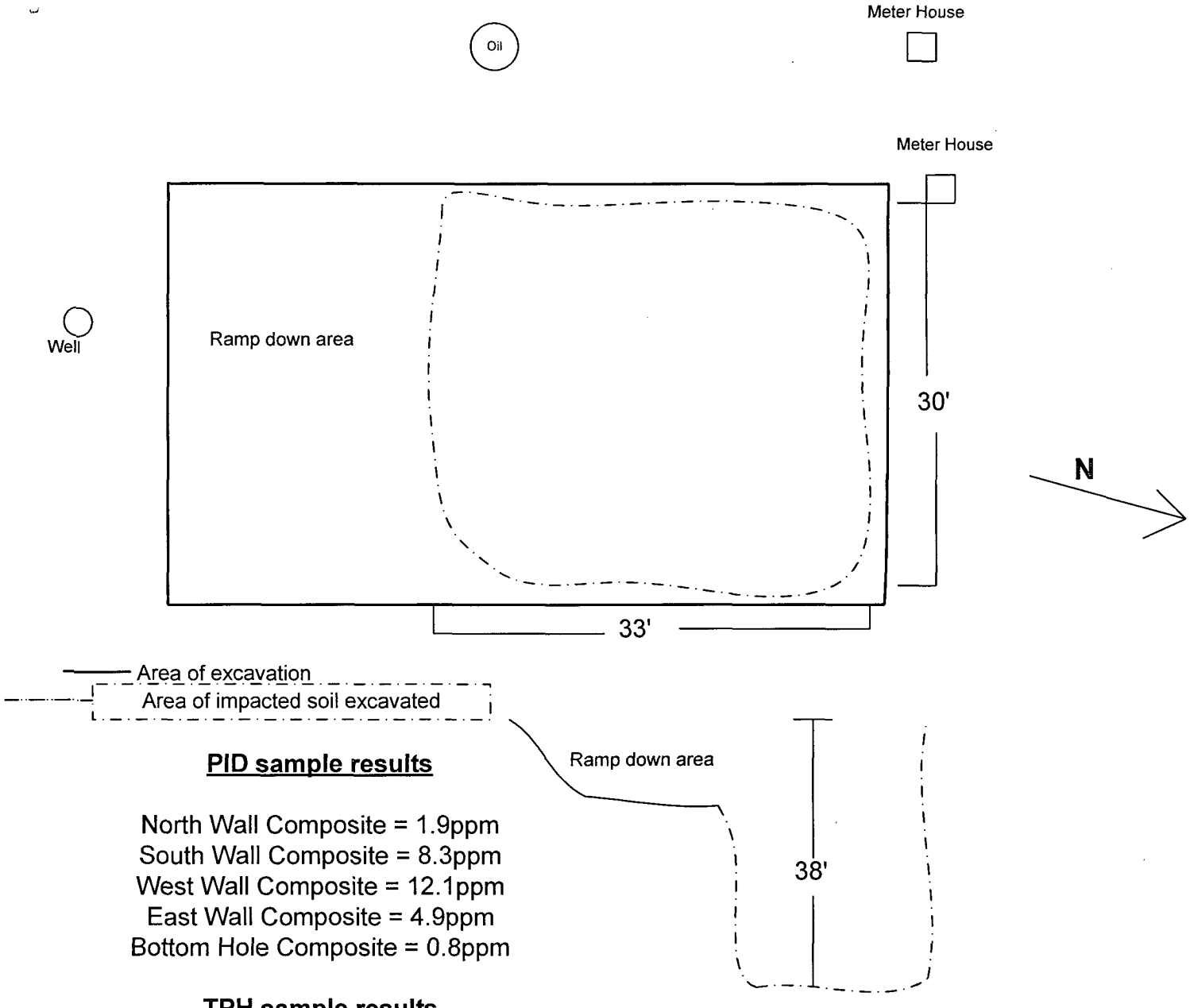
Approval Date: 5/27/04 Expiration Date:

Conditions of Approval: Remediate LF, submit final report

Attached ☐

nDGF0411352509

* Attach Additional Sheets If Necessary



PID sample results

North Wall Composite = 1.9ppm
South Wall Composite = 8.3ppm
West Wall Composite = 12.1ppm
East Wall Composite = 4.9ppm
Bottom Hole Composite = 0.8ppm

TPH sample results

North Wall Composite = 3.7ppm
South Wall Composite = 16ppm
West Wall Composite =14ppm
East Wall Composite =6.5ppm
Bottom Hole Composite = ND

Depth to Ground Water = 750'
Wellhead Protection Area = There are no private domestic fresh water wells or springs within 1000'
Distance to Surface Water Body = There are no surface water bodies within 1000'

ND = Analyzed for but not detected

Champlin #1
Rio Arriba County, NM
SW/SW, Sec. 35, T27N, R4W
San Juan Basin
Patina Oil & Gas Corp.

Not To Scale

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862

(303) 425-6021

Client Project ID Champlin #1 NM
Collection Date: 4/28/2004

Lab Order: 04-2931
Date Received: 5/3/2004
Units: mg/Kg

Total Recoverable Petroleum Hydrocarbons (TRPH)

TRPH

Method: E418.1 **Prep Method:**

Lab ID	Client ID	Matrix	Date Prepared	Date Analyzed	Results	LQL	DF
04-2931-01A	Champlin WW	Soil	5/4/2004	5/4/2004	14	3.3	1
04-2931-02A	Champlin EW	Soil	5/4/2004	5/4/2004	6.5	3.3	1
04-2931-03A	Champlin SW	Soil	5/4/2004	5/4/2004	16	3.3	1
04-2931-04A	Champlin NW	Soil	5/4/2004	5/4/2004	3.7	3.3	1
04-2931-05A	Champlin BH	Soil	5/4/2004	5/4/2004	U	3.3	1

Comments Blank value subtracted

Analyst

Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative

Definitions: DF - Dilution Factor
LQL - Lower Quantitation Limit

Print Date: 5/4/2004

PATINA
OIL & GAS CORPORATION

May 18, 2004

Mr. Denny Foust
Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

RE: Champlin # 1 Spill (4/21/04)

Dear Denny:

Attached you will find a copy of a sight diagram and laboratory results on the Champlin # 1. On April 21, 2004 a spill occurred involving 238 barrels, of which, 82 barrels were recovered (see C-141 form). Several remedial techniques for the site were discussed and excavation of the impacted soil seemed to be the most effective and appropriate.

A crew, complete with a trackhoe and backhoe was dispatched to the location. The hydrocarbon impacted soil was excavated on placed on a plastic liner that was bermed around the outer perimeter. Perforated pipe was placed at the bottom of the pile of soil to facilitate the providing of oxygen to the hydrocarbon degrading microbes within the soil. During the latter portion of the excavation, I collected samples for analysis with a Hanby Kit. These samples were analyzed on location. When the Hanby Kit sample results indicated that the soil in the excavation was below 500ppm TPH and the PID readings were below 100ppm, samples were collected to be analyzed by an independent laboratory. The lab samples were collected from numerous locations on sidewalls and the bottom of the excavation and composited into one sample for each area. The samples were then placed into laboratory furnished containers, labeled, documented on a chain of custody sheet, and put on ice for transport to the laboratory. A portion of each sample was placed into an appropriate container, allowed to reach ambient temperature, and a head space analysis was conducted using a PID meter.

The site is located more than 1000 feet from any surface water body, more than 1000 feet from any private domestic fresh water well or spring and the depth to ground water is approximately 750 feet. The depth to ground water was estimated

from data gathered from the State Engineers Office in relation to a water well in the next section adjoining section 27N.
The impacted soil was mixed with a nitrogen rich fertilizer and stirred. Periodic stirring will occur until the soil has remediated to an acceptable level and can be placed back into the excavation. A total of 1,393 cubic yards of impacted soil were excavated and placed on the plastic liner.

Sample results are summarized in the table below.

Sample Results

Area Sampled	TPH Results	PID Readings
North Wall	3.7 ppm	1.9 ppm
South Wall	16 ppm	8.3 ppm
West Wall	14 ppm	12.1 ppm
East Wall	6.5 ppm	4.9 ppm
Bottom Hole	ND	0.8 ppm

Additional Ranking Criteria

Depth to Ground Water	Wellhead Protection Area	Distance to Surface Water Body
> 100 feet (actually 750 feet)	No domestic or other fresh water well or spring within 1000 feet	>1000 horizontal feet to any surface water body

Should you have any questions regarding this remediation project, please feel free to contact me. I will notify you when the excavated soil had been sufficiently remediated and this fact has been confirmed with laboratory results.

Sincerely,

John Nussbaumer

CHAIN OF CUSTODY RECORD / ANALYTICAL SERVICES AGREEMENT **

Page ___ of ___

Evergreen Analytical Inc.

4036 Youngfield St.
Wheat Ridge, Colorado 80033
(303) 425-6021
FAX (303) 425-6854
(800) 845-7400
e-mail info@evergreenanalytical.com

Report Results by: _____ (Date)*
Standard 2 working weeks ☐
UST Analyses per Fee Schedule ☒
* Rush: ☐ less than 24 hrs, 150% ☐ 1 - 2 work days, 100%
☐ 3 - 5 work days, 50% ☐ 6 - 9 work days, 25%
*Rush analysis subject to surcharge noted

CLIENT Patina Oil & Gas Corp.
ADDRESS 1625 Broadway, Suite 2000
CITY Denver STATE Co ZIP 80202
PHONE# 303.389.3600 FAX # 303.389.3680
REPORT TO (Mr/Ms) Nussbaumer ← C-Fax to
INVOICE TO Nussbaumer
PROJECT I.D. Champlin #1 NM
P.O. # _____ EAL. QUOTE # _____
Sampler: Nussbaumer (sign)

NOTE: Identify Known Hazards Below

Please **PRINT** all information:

SAMPLE IDENTIFICATION	DATE SAMPLED	TIME	No. of Containers	MATRIX: 1)Drinking Water or 2)Discharge Water or 3) Ground Water (circle one)	MATRIX: Soil / Solid / Air / Gas	MATRIX: Oil / Sludge / Multi-phase	ANALYSIS REQUESTED: TRPH 418.1	For Laboratory use only
Champlin WW	4/28/04	3:15p	1		X		X	01
Champlin EW	4/28/04	3:15p	1		X		X	02
Champlin SW	4/28/04	3:20p	1		X		X	03
Champlin NW	4/28/04	3:20p	1		X		X	04
Champlin BH	4/28/04	3:30p	1		X		X	05
Sample Fraction							A	Loc CL2
Instructions:			Container					

W.O. # 04-7931
B.O.F. # n/a
C/S (O) n/a / n/a
C/S (I) n/a / NO
Cooler Temp. °C 4
Seals Present Y / N / NA
Seals Intact Y / N
Samples Pres. Y / N / NA
Headspace Y / N / NA
By N

** **Important Note:** By relinquishing samples client agrees to the terms and conditions on the reverse side hereof

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/3/4 11:30		5/3/4 11:00				