

Bratcher, Mike, EMNRD

From: Blevins, Bradley G <Bradley.Blevins@chevron.com>
Sent: Monday, November 04, 2013 9:24 AM
To: Bratcher, Mike, EMNRD; 'Amos, James'
Cc: Blevins, Bradley G
Subject: Lotos 15 Federal 1- Illegal Dumping Info
Attachments: Lotos 15 Federal #1 Initial C-141.pdf

Mike/ Jim

Please find the info packet for the Lotos 15 Federal 1 (Illegal dumping of fluids). If you have any questions please let me know. We will be collecting more samples today and once I get the results, I will visit with you then.

Thanks



Bradley Blevins
Chevron Delaware Basin
HE Specialist
Hobbs FMT
Direct 575-391-1462 86424
Cell- 575-441-0341



25 October 2013

Mr. Mike Bratcher, Environmental Specialist
NMOCD
811 S. First St.
Artesia, New Mexico 88210

**Re: Initial C-141
Chevron
Lotos 15 Federal #1
UL-P, Section 15, Township 24 South, Range 31 East
Eddy County, New Mexico**

Mr. Bratcher:

Environmental Plus, Inc. (EPI), on behalf of Mr. Bradley Blevins, Chevron Delaware Basin (Chevron), submits the attached form C-141 for the above-referenced leak site, located on land owned by the State of New Mexico and administered by the BLM.

The site is located approximately 16 miles west of Ochoa, New Mexico (reference *Figure 1*). A search for water wells was completed utilizing the New Mexico Office of the State Engineer's website and a United States Geological Survey (USGS) database. A total of one (1) well is located in the area surrounding the release site (reference *Table 1*). No wells (domestic, agriculture or public) and no bodies of surface water exist within a 1,000-foot radius of the release site (reference *Figure 2*). Groundwater data indicated the average water depth is approximately 360 feet below ground surface (bgs). The attached site information and metrics form ranks the site in accordance with the NMOCD Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993).

Approximately 9 bbls of produced water was released when a water hauler released its load on the well pad, no barrels were recovered (reference *Figure 3* and attached photographs). Based on available information, it was projected distance between impacted soil and groundwater is approximately 360 vertical feet. Utilizing this information, New Mexico Oil Conservation Division (NMOCD) Remedial Goals for this Site were determined as follows:

Parameter	Remedial Goal
Benzene	10 parts per million
BTEX	50 parts per million
TPH	5,000 parts per million
Chloride	1,000 parts per million



Should you have any questions or concerns please feel free to contact me at (575) 394-3481 or via e-mail at ddominguezepi@gmail.com or Mr. Bradley Blevins at (575) 391-1462 Ext. 86424 or via e-mail at bradley.blevins@chevron.com. All official communication should be addressed to:

Mr. Bradley Blevins
Chevron
1616 West Bender
Hobbs, New Mexico 88240

Sincerely,

ENVIRONMENTAL PLUS, INC.

Daniel Dominguez
Environmental Consultant

cc: Par 5 Services
File

FIGURES

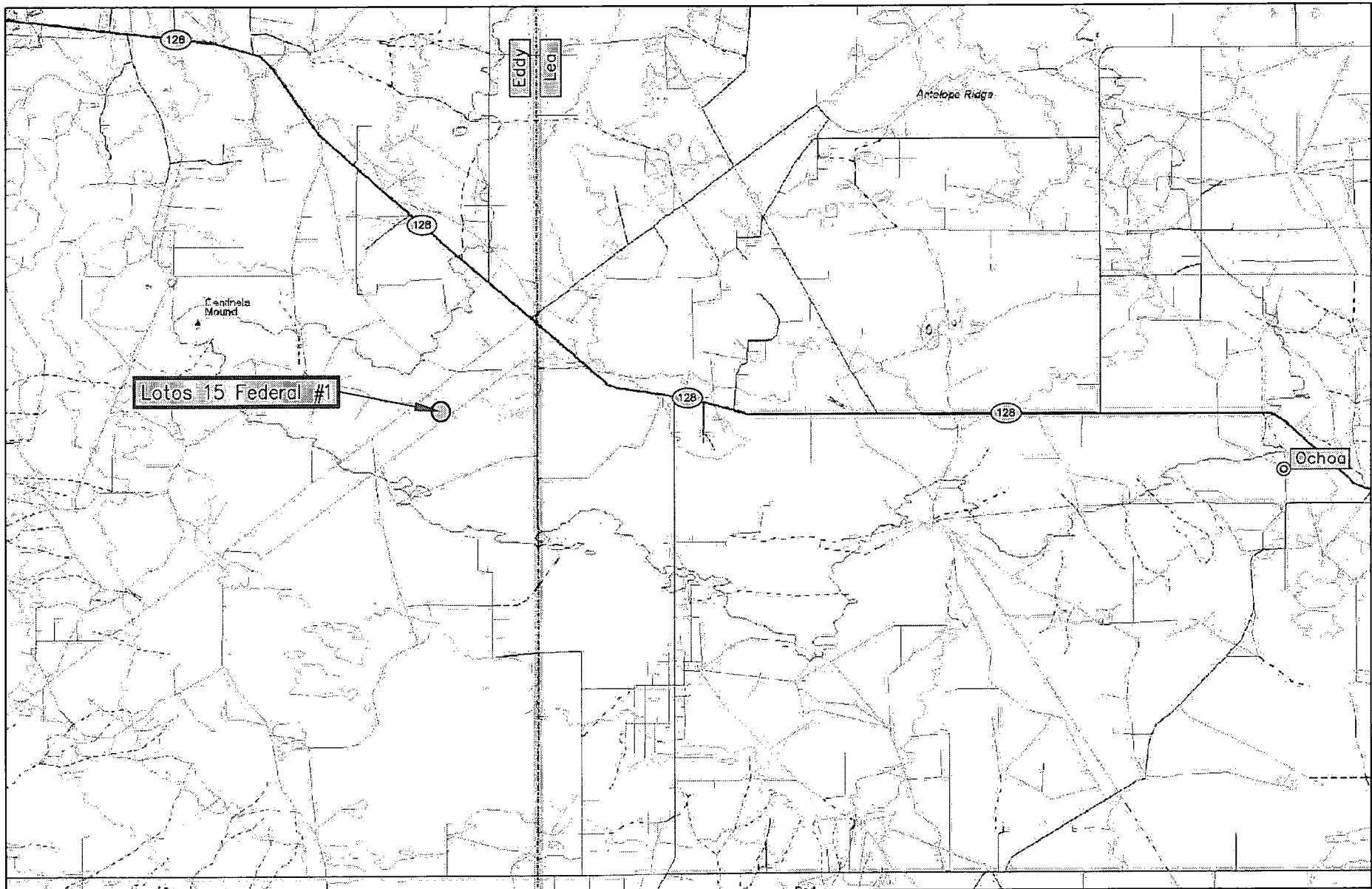
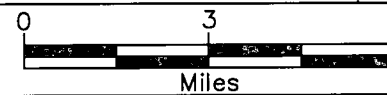


Figure 1
Area Map
Chevron
Lotos 15 Federal #1

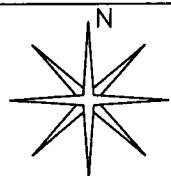
Eddy County, New Mexico
SE 1/4 of SE 1/4, Sec. 15, T24S, R31E
N 32° 12' 39.68" W 103° 45' 29.61"
Elevation: 3,566 feet amsl

DWG By: D Dominguez
October 2013

REVISED:



SHEET
1 of 1



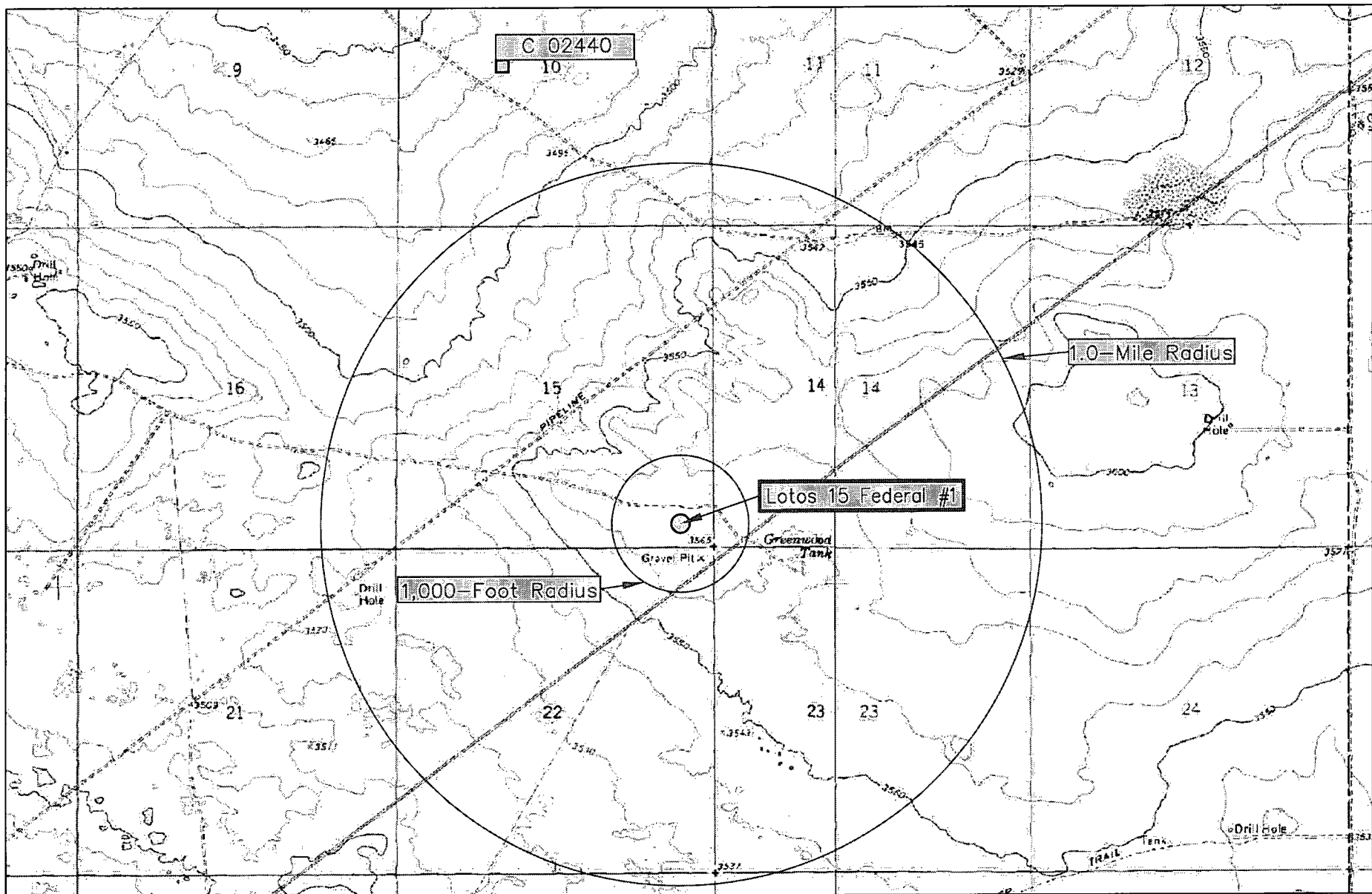


Figure 2
Site Location Map
Chevron
Lotos 15 Federal #1

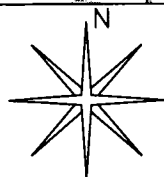
Eddy County, New Mexico
SE 1/4 of SE 1/4, Sec. 15, T24S, R31E
N 32° 12' 39.68" W 103° 45' 29.61"
Elevation: 3,566 feet amsl

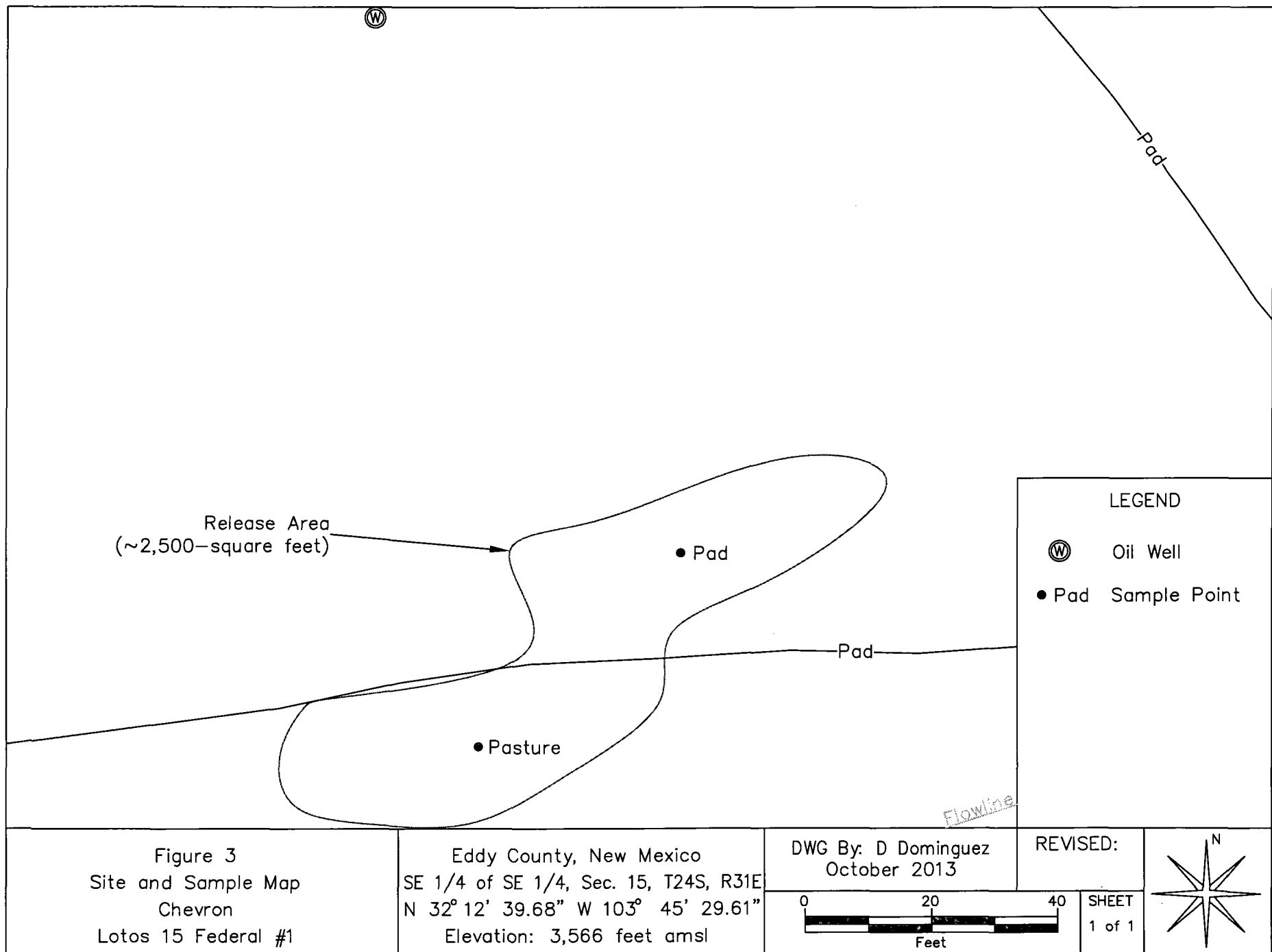
DWG By: D Dominguez
October 2013

REVISED:

0 2,000 4,000
Feet

SHEET
1 of 1





TABLES

TABLE 1
Well Data
Chevron - Lotos 15 Federal #1

Well Number	Diversion ^A	Owner	Use	Twsp	Rng	Sec	q64	q16	q4	Easting	Northing	Date Measured	Surface Elevation ^B	Depth to Water
														(ft bgs)
C 02440	0	SONAT EXPLORATION	PRO	24S	31E	10		2	3	616103	3566599	21-Mar-95	3,470	

* = Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet1) and USGS Database

^A = In acre feet per annum

^B = Elevation interpolated from USGS topographical map based on referenced location.

PRO = 72-12-1 Prospecting or Development Of Natural Resource

quarters are 1=NW, 2=NE, 3=SW, 4=SE; quarters are biggest to smallest

TABLE 2
Summary of Soil Sample Laboratory Analytical Results
Chevron
Lotos 15 Federal #1 (EPI Ref. #160512)

Sample ID	Depth (feet)	Soil Status	Sample Date	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
PAD	surface	In situ	22-Oct-13	0.8	960	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.4	11.4	912
PASTURE	surface	In situ	22-Oct-13	0.6	680	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	736
NMOCD Remedial Thresholds				100		10				50			5,000	1,000

-- = Not Analyzed

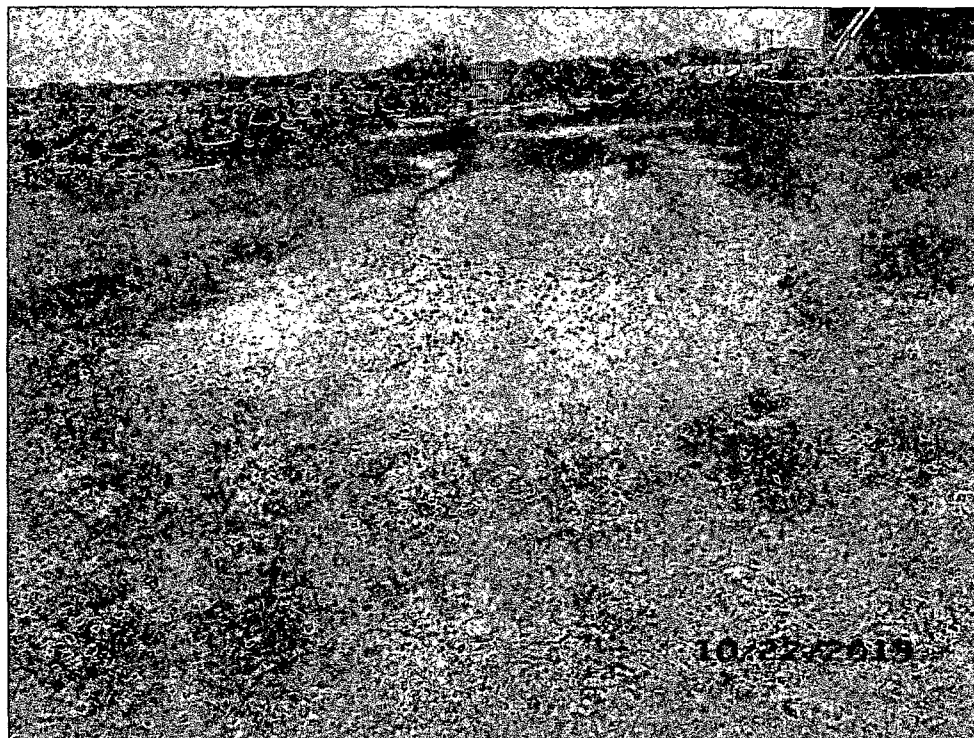
Bold values are in excess of NMOCD Remediation Threshold Goals

ATTACHMENTS

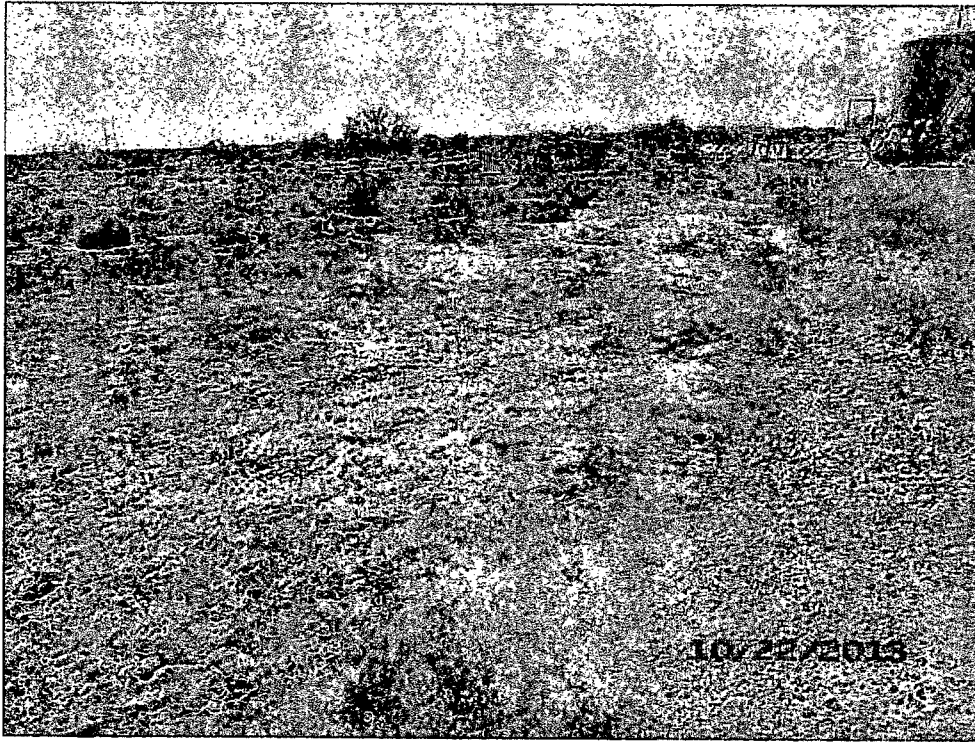
ATTACHMENT I
PHOTOGRAPHS



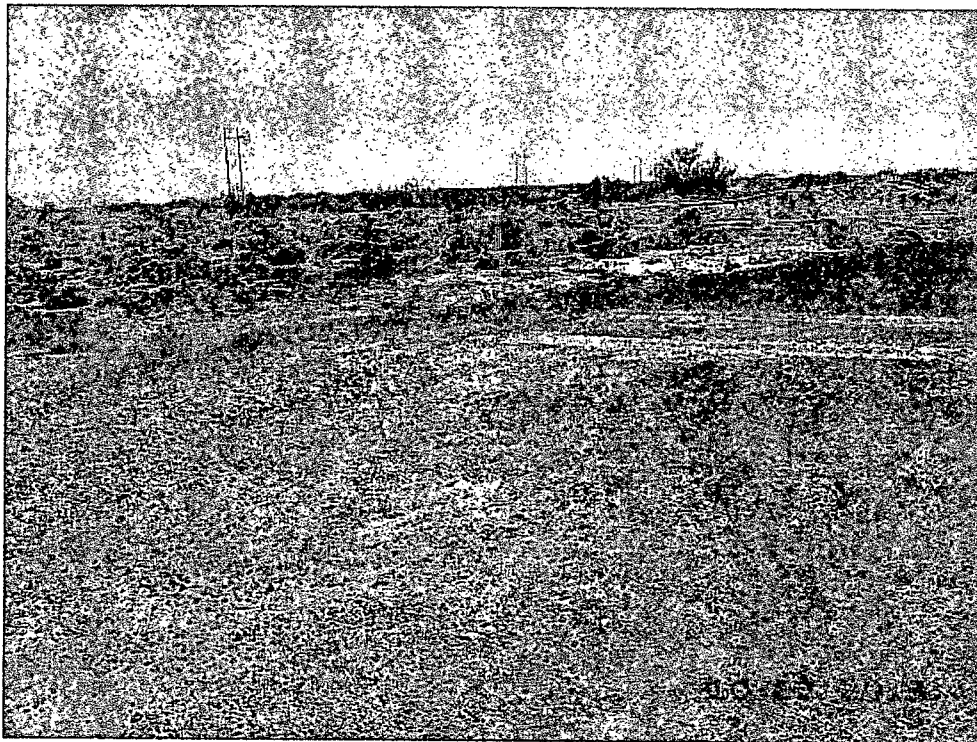
Photograph #1- Lease sign.



Photograph #2- Looking south-west across release area.



Photograph #3- Looking south-west across release area.



Photograph #4- Looking south across release area.

**ATTACHMENT II
INFORMATION AND METRICS
INITIAL C-141**

		Incident Date: 10/22/13	NMOCD Notified: 10/22/13
Information and Metrics			
Site: Lotos 15 Federal #1		Assigned Site Reference #: 160512	
Company: Chevron			
Street Address: 1616 West Bender			
Mailing Address:			
City, State, Zip: Hobbs, New Mexico 88240			
Representative: Bradley Blevins			
Representative Telephone: (575) 391 ~ 1462 Ext. 86424			
Telephone:			
Fluid volume released (bbls): ~9 bbls		Recovered (bbls): 0 barrels	
>25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days. (Also applies to unauthorized releases >500 mcf Natural Gas)			
5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas)			
Leak, Spill, or Pit (LSP) Name: Loto 15 Federal #1			
Source of contamination: Water hauler dumped produced water on pad			
Land Owner, i.e., BLM, ST, Fee, Other: BLM			
LSP Dimensions: ~114 feet by 41 feet			
LSP Area: ~2,500 ft ²			
Location of Reference Point (RP):			
Location distance and direction from RP:			
Latitude: N 32° 12' 39.68"			
Longitude: W 103° 45' 29.61"			
Elevation above mean sea level: 3,566 feet			
Feet from North Section Line: 330			
Feet from West Section Line: 330			
Location- Unit or ¼: SE¼ of the SE¼		Unit Letter: P	
Location- Section: 15			
Location- Township: T24S			
Location- Range: R31E			
Surface water body within 1000' radius of site: none			
Domestic water wells within 1000' radius of site: none			
Agricultural water wells within 1000' radius of site: none			
Public water supply wells within 1000' radius of site: none			
Depth from land surface to ground water (DG): ~ 360'			
Depth of contamination (DC): unknown			
Depth to ground water (DG - DC = DtGW): ~ 360'			
1. Ground Water		2. Wellhead Protection Area	3. Distance to Surface Water Body
If Depth to GW <50 feet: <i>20 points</i>	If <1000' from water source, or; <200' from private domestic water source: <i>20 points</i>		<200 horizontal feet: <i>20 points</i>
If Depth to GW 50 to 99 feet: <i>10 points</i>			200-100 horizontal feet: <i>10 points</i>
If Depth to GW >100 feet: <i>0 points</i>	If >1000' from water source, or; >200' from private domestic water source: <i>0 points</i>		>1000 horizontal feet: <i>0 points</i>
Site Rank (1+2+3) = 0 + 0 + 0 = 0			
Total Site Ranking Score and Acceptable Concentrations			
Parameter	>19	10-19	0-9
Benzene ¹	10 ppm	10 ppm	10 ppm
BTEX ¹	50 ppm	50 ppm	50 ppm
TPH	100 ppm	1,000 ppm	5,000 ppm
¹ 100 ppm field VOC headspace measurement may be substituted for lab analysis			

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

OPERATOR



Initial Report



Final Report

Name of Company: Chevron	Contact: Bradley Blevins
Address: 1616 West Bender	Telephone No.: (575) 391-1462 Ext. 86424
Facility Name: Lotos 15 Federal #1	Facility Type: Oil well

Surface Owner: BLM	Mineral Owner:	API: 30-015-36064
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LOCATION OF RELEASE

Unit Letter P	Section 15	Township 24S	Range 31E	Feet from the 330	North/South Line South	Feet from the 330	East/West Line East	County Eddy
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Latitude: N 32° 12' 39.68" **Longitude:** W 103° 45' 29.61"

NATURE OF RELEASE

Type of Release: Produced water	Volume of Release: 9 bbls	Volume Recovered: 0 bbls
Source of Release: Water hauler dumped produced water on pad	Date and Hour of Occurrence: 10/22/13 @ 12:30pm	Date and Hour of Discovery: 10/22/13 @ 12:30pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Bradley Blevins	Date and Hour: 10/22/13	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse: Not Applicable	
Depth to Water. ~360 ft bgs		
If a Watercourse was Impacted, Describe Fully.* Not Applicable		
Describe Cause of Problem and Remedial Action Taken.* Approximately 9 bbls of produced water were released when a water hauler released its load on the well pad. There was no volume recovered. No remedial work has yet commenced on the location.		
Describe Area Affected and Cleanup Action Taken.* Approximately 2,500 square feet of surface area was impacted by the release. No volume of water was recovered from the site. Soil samples were collected from release area and submitted to Cardinal Laboratories for testing. Upon receipt of laboratory analytical data from soil samples collected during delineation operations, EPI will prepare and present a Remediation Proposal for approval.		
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:	OIL CONSERVATION DIVISION	
Printed Name: Bradley Blevins	Approved by District Supervisor:	
Title: HE Specialist	Approval Date:	Expiration Date:
E-mail Address: bradley.blevins@chevron.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: Phone: (575) 391-1462 Ext. 86424		

* Attach Additional Sheets If Necessary