District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial/Updated Report ☐ Final Report

Name of Company: BP	Contact: Steve Moskal
Address: 200 Energy Court, Farmington, NM 87401	Telephone No.: 505-326-9497
Facility Name: Boyd Gas Com 001A	Facility Type: Natural gas well

Surface Owner: Fee	Mineral Owner: Fee	API No. 3004522132

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County: San Juan
C	8	31N	10W	1,170	North	1,640	West	

Latitude 36.91714° **Longitude** -107.90904°

NATURE OF RELEASE

Type of Release: condensate and produced water	Volume of Release: Unknown	Volume Recovered: none
Source of Release: Earthen pit	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: October, 2002
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom? Courtney Cochran of BP	Date and Hour:	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

OIL CONS. DIV DIST. 3

JUL 03 2017

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* Impacted soils discovered at the site's compressor 21 barrel below grade tank (BGT) were encountered during closure activities in October 2002. The origin of the release is unknown; however, the observations noted during the closure activity indicate a historical nature is highly probable. One are of the location was excavated in 2002. The remaining soil and groundwater impacts were remediated via soil vapor extraction from 2011 through 2014.

Describe Area Affected and Cleanup Action Taken.* A portion of the site was excavated. The remaining, inaccessible, areas have been remediated via soil vapor extraction. The attached delineation plan hopes to determine the final extents of the residual impacts and is intended to meet closure standards, depending on the findings.

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 Approved by Environmental Specialist:	
Printed Name: Steve Moskal		
Title: Field Environmental Coordinator	Approval Date: 7/12/17	Expiration Date:
E-mail Address: steven.moskal@bp.com	Conditions of Approval: Attached	Attached ☒
Date: July 3, 2017 Phone: 505-326-9497		

* Attach Additional Sheets If Necessary #NCS1719333379

(5)

Fields, Vanessa, EMNRD

From: Fields, Vanessa, EMNRD
Sent: Friday, June 30, 2017 11:11 AM
To: Bayliss, Randolph, EMNRD; Smith, Cory, EMNRD
Subject: RE: Boyd GC 001A Delineation/Closure Plan

A discussed in the meeting we will have BP increase sampling frequency to 5" which we will do onsite.

Thank you,

Vanessa Fields
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 119
Cell: (505) 419-0463
vanessa.fields@state.nm.us

From: Bayliss, Randolph, EMNRD
Sent: Friday, June 30, 2017 8:25 AM
To: Fields, Vanessa, EMNRD <Vanessa.Fields@state.nm.us>; Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Subject: FW: Boyd GC 001A Delineation/Closure Plan

Comments?

From: Moskal, Steven [mailto:Steven.Moskal@bp.com]
Sent: Thursday, June 29, 2017 7:46 AM
To: Bayliss, Randolph, EMNRD <Randolph.Bayliss@state.nm.us>
Cc: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Fields, Vanessa, EMNRD <Vanessa.Fields@state.nm.us>; jeffcblagg@aol.com; blagg_njv@yahoo.com
Subject: Boyd GC 001A Delineation/Closure Plan

Randy,

Please find the attached delineation plan. As discussed in yesterday's meeting, BP may need to increase the vertical sampling frequency to satisfy closure. We will adjust to 5' interval in the known contamination zones as needed. This work is scheduled for July 6th or 7th.

Also as discussed, no hard copies will be delivered.

Thanks,

Steve Moskal
BP Lower 48 – San Juan
Field Environmental Coordinator

BP Delineation Closure Plan

To: NMOCD Dist. III – Randy Bayliss, Cory Smith, Vanessa Fields
From: Steve Moskal (BP)
CC: Jeff Blagg (Blagg Engineering)
Date: 6/23/2017
Re: Boyd Gas Com 001A– Continued Contaminant Delineation
3RP-4-00; API #30-045-22132

BACKGROUND

Groundwater was encountered at a depth of approximately 24 feet below surface grade during excavation of approximately 1,600 cubic yards of impacted soils from an earthen separator/dehydrator (sep/dehy) pit in July/August 1994. Impacted soils discovered at the site's compressor 21 barrel below-grade tank (BGT) were encountered during closure activities in October 2002. The origin of the release is unknown; however, the observations noted during the closure activity indicate a historical nature is highly probable. Potential groundwater impact was identified within the compressor BGT source area via installation of a monitor well in November 2002 (MW #2). Documentation for this work and subsequent groundwater monitoring data for the site was previously submitted to the New Mexico Oil Conservation Division (NMOCD) for review. Continued annual and/or quarterly sampling and testing pursuant to BP's NMOCD approved Groundwater Management Plan (GMP) was recommended within the report. The reporting contained in Appendix A is to be referenced for this scope of work and includes information and data for site monitoring and soil and groundwater vapor extraction conducted in 2011 and 2014 only.

At this time, BP has reached 4 consecutive quarters of groundwater monitoring via treatment using soil vapor extraction screened across the groundwater table. The SVE system was initially install in May 2013 and operated through April 2014. This scope of work is designed to demonstrate significant reduction in soil contamination via the installation of soil borings using an Geoprobe.

SOIL SAMPLING/CLOSURE PLAN

BP proposes to perform further delineation of hydrocarbon impacted soil to determine the extent and magnitude of historical impacts on the active well pad (refer to Figure 1 for the confirmed extent of soil impacts to-date). Six or seven soil borings will be advanced to approximately 25-30 feet deep or until ultimate refusal is encountered; whichever comes first.

The soil conditions are silty, compact soils from ground surface to approximately 10' below ground surface (bgs), followed by medium to fine grained sand/silt to 30' bgs. Groundwater is expected to be encountered around 25' bgs.

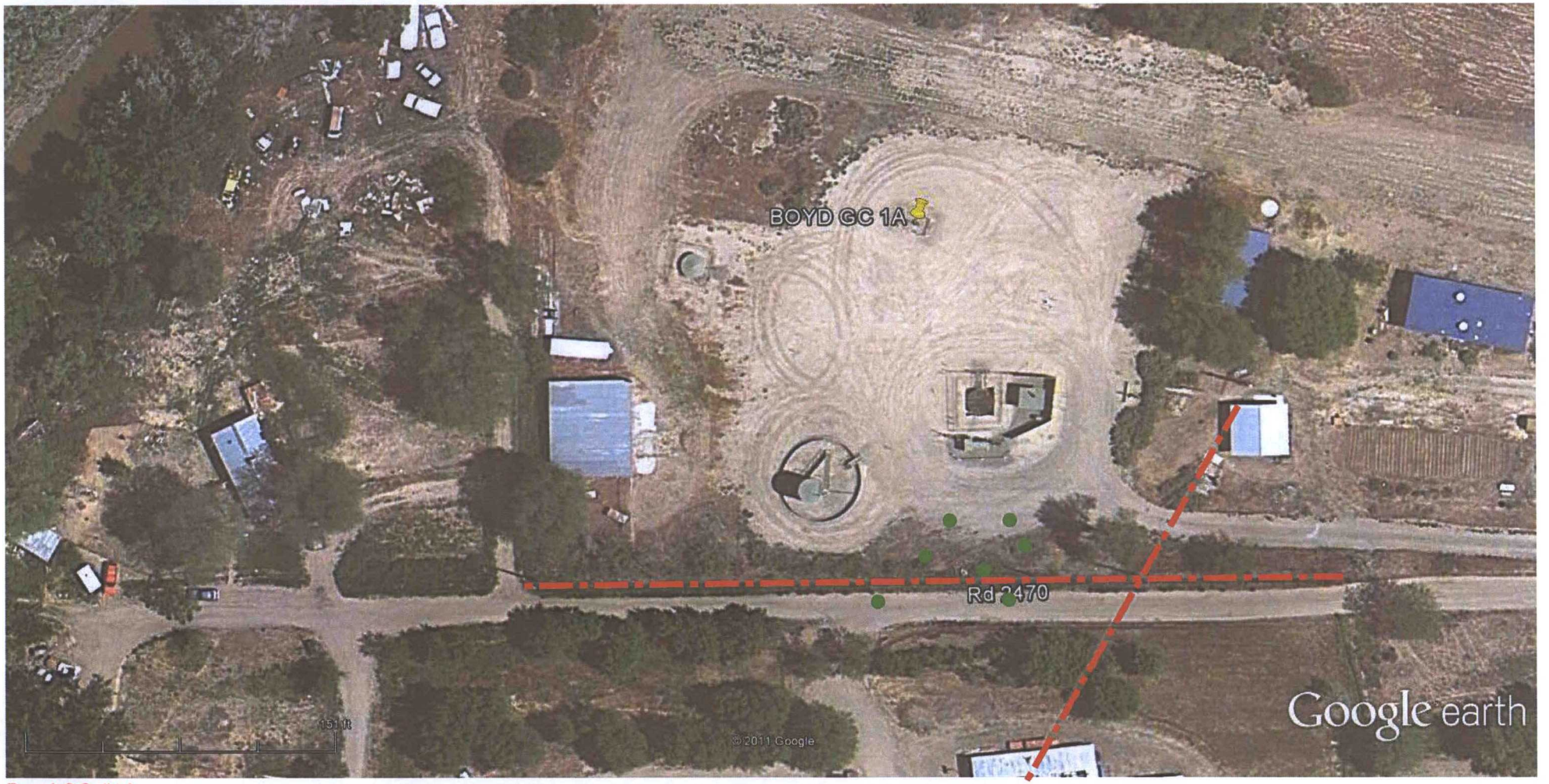
The soil borings will be field screened at a minimum of 2-foot intervals, or continuous, beginning around 5 feet below ground surface to total depth. Samples will be collected from the boring in plastic liners for geological logs and soil sample collection. Soil samples will be field screened via the approved field headspace method using a calibrated photoionization detector. A maximum of two samples will be collected from each boring; one at the highest field screening interval and at total depth or at the recognized groundwater interface interval.

Attached is a figure showing the anticipated locations of the soil borings, however, the borings will be spaced and directed on filed screening, visual observation and physical characteristics of the field soil samples. Based on the results of the field screenings, laboratory soil samples will be collected.

All other soil borings will then be abandoned with hydrated bentonite (chips, crumbles or pellets) or bentonite slurry.

BP plans to perform the proposed site investigation in conjunction with the delineation of the GCU 264, currently scheduled for July 5-July 7, 2017. Please contact me with any questions.

Thank you,
Steve Moskal



Boyd GC #1A
Unit C, Sec. 8, T31N, R10W
API #: 300-45-22132

36.91714 / 107.90904 or
36° 55' 1.70" / 107° 54' 32.54"

feet 400
meters 100

● - Proposed Boring Location
▬ - Overhead Power Lines