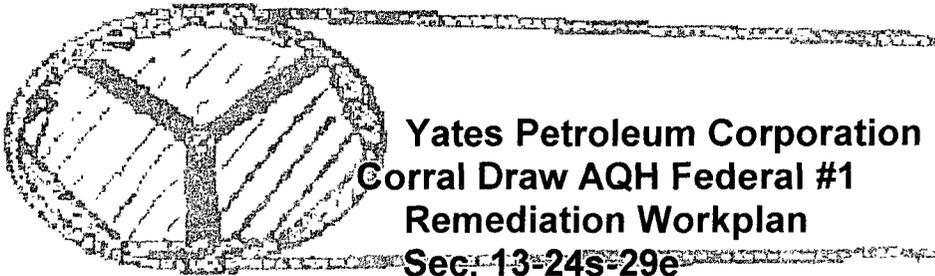


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**Yates Petroleum Corporation
Corral Draw AQH Federal #1
Remediation Workplan
Sec. 13-24s-29e
Eddy County, N.M.**

June 20, 2008

JRP-131

6/20/2008

Remediation Work Plan

Incident Date: February 20 2008

Location: Corral Draw AQH Federal #1
Unit L Section 13 T24S R29E
Eddy County, New Mexico

The Corral Draw AQH Federal #1 is located 35 miles southeast of Carlsbad, NM. as depicted on the USGS Carlsbad Caverns Quadrangle. This site lies in nearly level to gently undulating or rolling hills of the Kermit series. Area surface geology includes Quaternary formations, sandstones over lying limestone & dolomite. The area, dry at the time of the spill, consists of soil that is fine grained, sandy loamy and interspersed with clay seams providing a low permeability barrier to retard vertical percolation of contaminants into the subsurface. The nearest reported ground water as listed by the NMOSE waters data base is in sec.19-24s-30e .Groundwater in sec.19 is reported to be at a depth of 150' BGS.

The ranking for this site is (0) based on the as following:

Depth to ground water	> 50'
Wellhead Protection Area	> 1000'
Distance to surface water body	> 1000'

Incident Description:

On 2/10/2008 the mechanical seal wore out on the water transfer pump which was located in the bermed area of the tank battery. The transfer pump began to leak. The transfer pump was repaired by replacing the seals on the pump.

Action Taken:

A vacuum truck was called to location and free standing waters were recovered. The release volume was 25 bbls of produced water. The recover volume was 15 bbls of produced water. The impacted area was the bermed area of the tank battery. The west side of the bermed area is lined with 20 Mil. Liner. Four 500 bbl stock tanks set on the liner section of the berm. The eastside of the berm area is not lined. Production equipment and stock tanks containing produced waters are located in the unlined section of the bermed area.

Closure Plan:

A new berm was constructed between the lined section of the berm area and the unlined section of the berm. The new berm was constructed to prevent the migration of any future releases from impacting the unlined section of the berm.

Soil samples were taken on 3/11/2008 from the unlined area of the berm. Soil samples were taken from the surface to a depth of 3' BGS. Analytical results as reported by Cardinal Labs were Surface TPH GRO < 10 mg/kg, DRO < 10 mg/kg, B-TEX < 50 mg/kg, Chlorides 25,000 mg/kg. The analytical results reported for the 3' depth soil sample were TPH GRO < 10 mg/kg, DRO < 10 mg/kg, B-TEX < 50 mg/kg, Chlorides 16,000 mg/kg. Caliches were encounter at a depth of 3' BGS during the soil samples event.

Additional soil samples were taken from the unlined area of the berm on 3/19/2008 using a backhoe. Soil samples were taken from a depth of 4' BGS to 10' BGS. Analytical results as reported by Cardinal Labs were Chlorides at the 4' depth 128 mg/kg, Cl. at the 6' depth 720 mg/kg, Cl. at the 8' depth 496 mg/kg, Cl. at the 10' depth 112 mg/kg.

The tank battery located at the Corral Draw AQH Federal #1 is and active tank battery. The THP and B-Tex are below the RRAL for the site as required by the NMOCD Guide lines for Remediation of Leaks, spills and releases published August 13, 1993.

Based on sampling results dated 3/19/2008 the Chloride impacted soil located in the unlined section of the berm will be excavated to a depth of 3' BGS. The excavated soil will be hauled to and NMOCD approved solid waste disposal facility for disposal. The excavated area will the be backfilled back to grade using clean soil and like material.

When actions have been completed a final C-141 form will be submitted to the OCD by Yates requesting closure for the release that occurred on 3/10/2008.

6/20/2008 Amended work plan.

If you have questions or need additional information, please contact me at 505-748-4500. Or E-mail me at mikes@ypcnm.com.

Sincerely,



Mike Stubblefield
Environmental Regulatory Agent

Bonham, Sherry, EMNRD

From: Bonham, Sherry, EMNRD
Sent: Friday, July 25, 2008 9:37 AM
To: Mike Stubblefield
Subject: RE: 2RP-131 Corral Draw AQH Fed.#1 work plan copy.doc

This e-mail is to confirm the July 2, 2008 verbal approval to proceed as outlined in the June 20, 2008 submitted work plan.

Thanks, Mike.

Sherry Bonham
NMOCD District II
1301 West Grand Avenue
Artesia, NM 88210
575.748.1283.ext 109

From: Mike Stubblefield [mailto:mikes@YPCNM.COM]
Sent: Friday, June 20, 2008 11:49 AM
To: Bonham, Sherry, EMNRD
Subject: Corral Draw AQH Fed.#1 work plan copy.doc

Sherry,

I'm providing you with the amended work plan for the correction of the release at the Corral Draw AQH Federal #1.
A hard copy of the work plan will be submitted to your office.

Mike Stubblefield

This inbound email has been scanned by the MessageLabs Email Security System.
