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## **Remediation and Closure Report**

Cotton Draw Unit No. 65 \* 30-015-35915 \*

\* 2RP-3167 \* 2RP-3429 \* 2RP-3467 \*

### **Prepared For:**

Devon Energy Production Company  
6488 Seven Rivers Hwy  
Artesia, New Mexico 88210

### **Prepared By:**

Kimberly M. Wilson  
Talon/LPE  
408 West Texas  
Artesia, New Mexico 88210

**October 12, 2016**

Mr. Mike Bratcher  
**NMOCD District 2**  
811 S. 1<sup>st</sup> Street  
Artesia, NM 88210

Subject:       **Remediation and Closure Report**  
Cotton Draw Unit # 65 \* 30-015-10843

Dear Mr. Bratcher,

Devon Energy had contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The incident description, soil sampling results, remediation activities and closure request are submitted herein.

### **Incidents**

\* 2RP-3167 \* 2RP-3429 \* 2RP-3467 \*

### **Background Information and Soil Survey**

The Cotton Draw Unit #65 is located approximately forty-five (45) miles southeast of Carlsbad, New Mexico. The legal location for this site is Unit Letter G, Section 2, Township 25 South, and Range 31 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.161085918° North and -103.746039442° West.

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service (NRCS), the soil in this area is made up of Berino complex with 0 to 3 percent slopes. Drainage courses in this area are normally dry.

### **Ground Water and Site Ranking**

According to the Chevron Texaco ground water trend map, the ground water in this area is between 390 and 400 feet below ground surface (BGS). Therefore the ranking for this site is a **0** based on the following:

Depth to ground water	>100'
Wellhead Protection Area	>1000'
Distance to surface water body	>1000'

Based upon the site ranking of **0**, NMOCD Recommended Remedial Action Levels (RRAL) are 50 mg/kg for BTEX, 10 mg/kg for Benzene, 5,000 mg/kg for TPH and 1,000 mg/kg for total chlorides.

### Remedial Actions Taken

The remediation activities were completed pursuant to the work plan approved by the NMOCD and BLM.

The hydrocarbon impacted soil within the flow path from S-1 through S-3 was excavated to a depth of 0.5-feet deep. The 2 barrel overspray on the lease road east of the location was also scraped 0.5-feet while excavating in the vicinity of S-3.

The impacted area within the S-4 flow path was excavated to the depth of 1-foot deep.

All contaminated soil was transported to Lea Land, LLC, an approved disposal facility.

The excavated areas on location and lease road were backfilled with new caliche, machine compacted and re-contoured to match the surrounding location.

### Closure

On behalf of Devon Energy we are respectfully requesting that the RP's for this facility be closed and that the remaining historical chloride impacts be remediated upon the facility closure.

Should you have any questions or if further information is required, please do not hesitate to contact our office at (575)-746-8768.

Respectfully submitted,

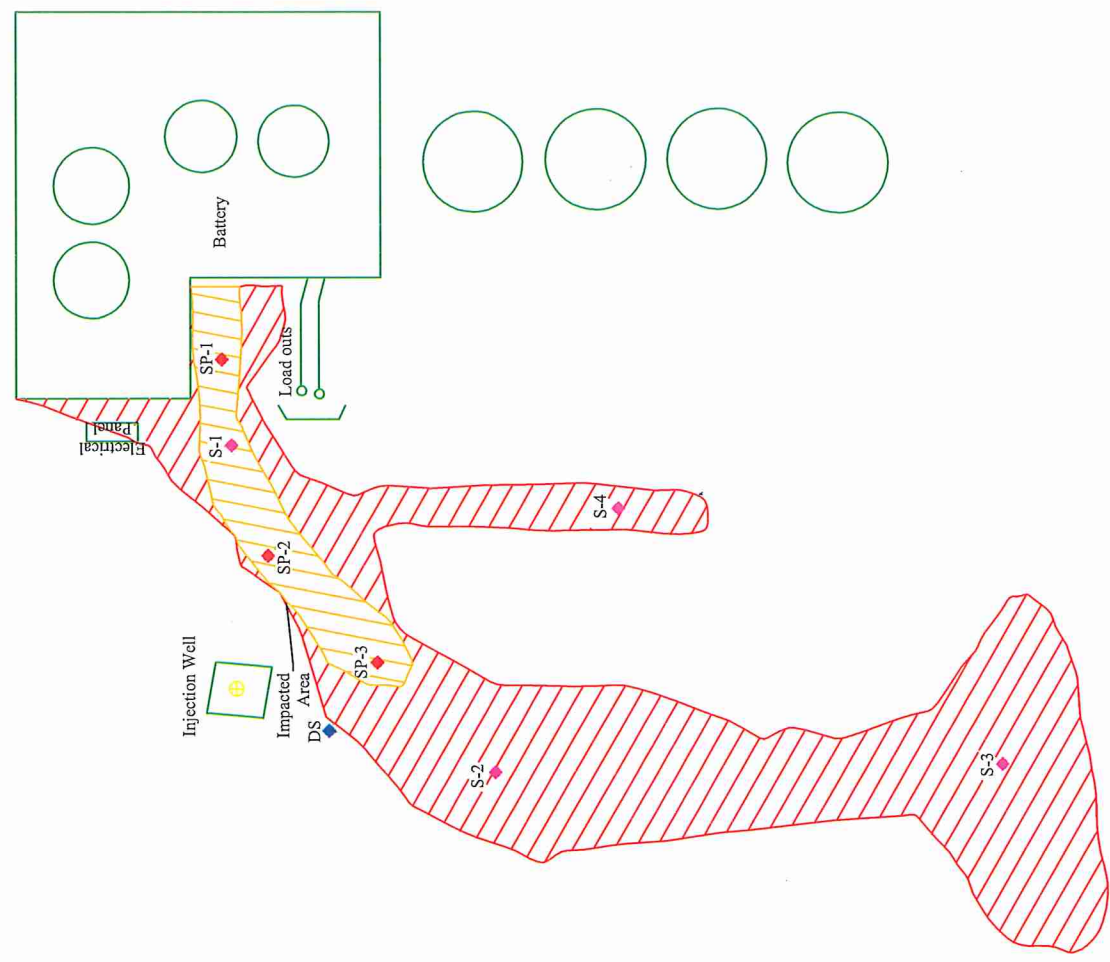
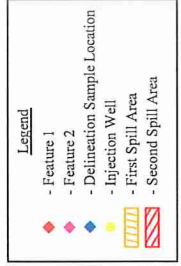
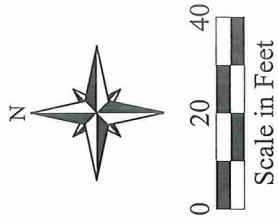
TALON/LPE



Kimberly M. Wilson  
Project Manager



David J. Adkins  
District Manager



Cotton Draw #65  
 Devon Energy Corporation  
 Eddy County, New Mexico  
 Figure 1 - Site Plan

Date: 03/14/2016  
 Scale: 1" = 40'  
 Drawn By: TJS

