RECEIVED
By OCD District 1 at 10:19 am, Apr 30, 2015

APPROVED Conditional
By OCD District 1 at 10:20 am, Apr 30, 2015

Apache Hawk B-3 #9 (1RP-3572)
UL/R sec. 3 T21S R37E

Conditions:
1. **BLM concurrence**
2. **Additional TPH samples from bottom of hole**
3. **Upon review of lab samples liner at 16 feet**

Path Forward

Apache Corporation (Apache) has retained Rice Environmental Consulting and Safety (RECS) to address potential environmental concerns at the above-referenced site.

The site is located approximately 4.8 miles north of Eunice, New Mexico. Although the initial C-141 states that the site is located in UL/R, GPS mapping indicates that the site is located in UL/Q of sec. 3 T21S R37E. USGS and RECS installed monitor wells indicate that groundwater will likely be encountered at 67 +/- ft bgs.

On February 16th, 2015, Apache discovered a release of 26 barrels of oil and 54 barrels of produced water from a rupture in a flow line. The release covered 214 sq ft and was contained entirely within a bell hole in the pasture. A vacuum truck was dispatched to the site and recovered 25 barrels of oil and 50 barrels of produced water. NMOCD was notified of the release on February 17th, 2015, and an initial C-141 was sent to NMOCD for their approval. NMOCD approved the initial C-141 on March 23rd, 2015.

RECS personnel were on site beginning on March 23rd, 2015, to begin remediation efforts. A vertical was installed through the bell hole to determine the depth of contamination. The vertical was installed to a depth of 22 ft bgs with soil samples taken at regular intervals. The samples were field tested for chlorides and organic vapors, and representative samples were sent to a commercial laboratory analyzes. The 12.5 ft bgs returned laboratory chloride reading of 1,550 mg/kg, a GRO reading of 498 mg/kg, a DRO reading of 2,160 mg/kg and a BTEX reading of 15.2 mg/kg. The 22 ft bgs sample returned a laboratory chloride reading of 352 mg/kg with GRO and DRO readings of non-detect.

Path Forward

The bell hole is located under a series of high line electric lines negating the possibility of installing soil bores at the site. Therefore, in order to hinder the movement of residual chlorides through the vadose zone, the area around Vertical 1 will be excavated to a depth of 13 ft bgs. Once the excavation is completed, wall samples will be taken and a 20-mil reinforced liner will be installed and properly seated at the base of the excavation. All excavated soil will be taken to a NMOCD approved facility for disposal. The excavation will then be backfilled with imported soil.

The supporting documentation for this release and the path forward is attached.