

From: Bratcher, Mike, EMNRD
To: Patterson, Heather, EMNRD
Subject: FW: Emailing: TURNER B #47, WORK PLAN
Date: Thursday, September 18, 2014 1:56:56 PM

From: tgregsto@blm.gov [mailto:tgregsto@blm.gov]
Sent: Monday, April 25, 2011 1:17 PM
To: Vernon Black
Cc: Bratcher, Mike, EMNRD; Terry_gregston@nm.blm.gov
Subject: Re: Emailing: TURNER B #47, WORK PLAN

The work plan for the Turner B 47 is approved with the following stipulations:

1. An archeological survey is required prior to beginning cleanup operations. The Archeological Survey Contractor should contact Bruce Boeke, BLM Archeologist, (575) 234-5994, when the survey is complete. Mr. Boeke will apply or remove any archeological restrictions on site cleanup.
2. Once archeological concerns are addressed, notify Terry Gregston, (575) 361-2635, when you move equipment onto the location to begin cleanup operations.
3. Notify Terry Gregston in the event that you encounter excavation difficulties, unexpected void areas, or archeological artifacts. An onsite may be required to assess the situation.
4. The BLM requires horizontal cleanup of the spill impacted areas in addition to vertical cleanup/mitigation measures. The goal of horizontal cleanup is to ensure that there is a minimum of 4 feet of clean soil for vegetation re-establishment across the horizontal surface of the entire spill affected area.
5. The BLM will wish to inspect the excavation once it reaches cleanup depth/width. Confirmation samples of the bottom, sidewalls, and any visibly affected areas outside of the excavation trench will be required; the BLM will witness the sampling. Contact Terry Gregston to schedule.
6. Lab analysis of the confirmation sampling must be forwarded to Terry Gregston at terry_gregston@nm.blm.gov for final approval before backfilling. If sampling results are not adequate for closure, additional cleanup may be required.
7. Once final approval of cleanup is given, the excavation can be backfilled with clean soil.
8. Install erosion control measures in the pasture-affected areas to prevent the unconsolidated soils from washing or blowing away.
9. Install berms with compactable caliche capable of containing any future spills around the well pad.
10. Seed reclaimed and equipment-impacted pasture areas with a combination BLM seed mix #2 and #4 (50/50 mix).
11. Notify the BLM when the site work is finished for final sign off on spill cleanup.
12. Continue to monitor spill reclamation area to ensure impacted pasture areas revegetate and that erosion issues do not develop.

BLM approval of this proposal does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health, or the environment, or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws/regulations.

Terry Gregston
Environmental Protection Specialist
Bureau of Land Management
620 E. Greene St.

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Office (575) 234-5958
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"Vernon Black" <vernon@hungry-horse.com>

04/25/2011 09:53 AM

To "Bratcher, Mike, EMNRD" <mike.bratcher@state.nm.us>,
<Terry_gregston@nm.blm.gov>

cc

Subject Emailing: TURNER B #47, WORK PLAN

Mike/Terry,

Please see the attached remediation work plan for Linn Energy's Turner B #47. Please let me know if you have any questions.

Thanks,
Vernon

[attachment "TURNER B #47, WORK PLAN.pdf" deleted by Terry G
Gregston/CFO/NM/BLM/DOI]