

Karrigan, Callie N. (MRO)

From: Heather Patterson <heather.patterson@soudermiller.com>
Sent: Tuesday, December 18, 2018 9:23 AM
To: Pruett, Maria, EMNRD
Cc: Karrigan, Callie N. (MRO)
Subject: [External] RE: Closure Not Approved RE: Marathon Oil Company - 2RP-4956 Closure
Attachments: 6be95575fa7bfeb5425bcb976f25f05fdf.pdf;
7a1b636689fb17512dd914ebf13baa5f65.pdf; Iron Duke figure.pdf

Beware of links/attachments.

RE: Marathon Permian * Iron Duke 2H * 2RP-4956

Ms. Pruett,

Thank you for your prompt response. The depth to groundwater was determined to be greater than 50' based on two 2011 monitoring wells, one located approximately 700' from the release point to the northwest, the other to the south. Both encountered water at greater than 50'. While there are other wells nearby that show depth to water at less than 50', further investigation shows they are predominately artesian wells, many of which have been diverted to the Pecos River Project. USGS data appears to also predominately come from artesian wells also, with only one having a recent reading. That well has data from 2015 showing a depth of 55'.

Attached is an additional figure with well information and the well logs of the two monitoring wells recently drilled nearby.

Thank you,

Heather Patterson
Staff Scientist
(575) 200-5343 (mobile)



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From: Pruett, Maria, EMNRD <Maria.Pruett@state.nm.us>
Sent: Tuesday, November 20, 2018 4:04 PM
To: Karrigan, Callie N. (MRO) <cnkarrigan@marathonoil.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: Heather Patterson <heather.patterson@soudermiller.com>; Castro, Isaac (MRO) <icastro@marathonoil.com>
Subject: Closure Not Approved RE: Marathon Oil Company - 2RP-4956 Closure

Hello Ms. Karrigan,

OCD has received the closure report for 2RP-4956, thank you. At this time OCD does not approve this closure. It is denied for the following reasons:

1. OCD has determined that DTW is < 50', therefore Table 1 targets are: Chlorides < 600 mg/kg, TPH < 100 mg/kg.
2. Areas CS 1-4 require further delineation and remediation to meet Table 1.
3. All sidewall sample areas require further delineation and remediation to meet Table 1.
4. Was the area inside the containment delineated?
5. GPS tagged photos for closure not included.

Please let me know if you have any questions.

Best Regards,

Maria Pruett

Environmental Specialist
N.M. Oil Conservation Division
District 2
811 S. 1st Street
Artesia, NM 88210
Desk: 575 748-1283 X 101
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From: Karrigan, Callie N. (MRO) <cnkarrigan@marathonoil.com>

Sent: Monday, October 29, 2018 1:22 PM

To: Pruett, Maria, EMNRD <Maria.Pruett@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>

Cc: Heather Patterson <heather.patterson@soudermiller.com>; Castro, Isaac (MRO) <icastro@marathonoil.com>

Subject: [EXT] Marathon Oil Company - 2RP-4956 Closure

Good afternoon,

Please see the attached closure for 2RP-4956 prepared by SMA.

Thank you,

Callie